Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2123839504
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: Kevin Black Title: Division Superintendent

Signature: Kevin Black Date: 01/04/2022

email: Kevin_Black@eogresources.com Telephone: _____

OCD Only

Received by: Chad Hensley Date: 01/20/2022

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: Chad Hensley Date: 01/20/2022

Printed Name: Chad Hensley Title: Environmental Specialist Advanced

SITE INFORMATION

Report Type: Closure Report nAPP2123839504

General Site Information:						
Site:	**Redhills Rattlesnake Reuse Pit**					
Company:	**EOG Resources**					
Section, Township and Range	**Unit M**	**Sec. 22**	**T 26S**	**R 33E**		
Lease Number:						
County:	**Lea County**					
GPS:	**32.023535**			**-103.568026**		
Surface Owner:	Private					
Mineral Owner:						
Directions:	From the intersection J-2 and Quay Valley Ln, head East on J-2 and follow for 3.88 miles. Turn right onto lease road. Follow for 0.86 miles. Turn left onto lease road, follow to location.					

Release Data:	
Date Released:	6/7/2021
Type Release:	Produced Water
Source of Contamination:	Failed Drain Valve
Fluid Released:	7 bbl water
Fluids Recovered:	3 bbl water

Official Communication:			
Name:	Kevin Black		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) 682-4559
Fax:			
Email:	Kevin_Black@eogresources.com		clair.gonzales@tetratech.com

Site Characterization	
Depth to Groundwater:	*110' Below Surface*
Karst Potential:	*Medium*

Recommended Remedial Action Levels (RRALs) Beyond the Top 4.0' of Soil				
Benzene	***Total BTEX***	***TPH (GRO+DRO)***	***TPH (GRO+DRO+MRO)***	***Chlorides***
10 mg/kg	*50 mg/kg*	*1,000 mg/kg*	*2,500 mg/kg*	*20,000 mg/kg*

TETRA TECH

December 29, 2021

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

Re: Closure Report for the EOG Resources, Redhills Rattlesnake Reuse Pit, Unit M, Section 22, Township 26 South, Range 33 East, Lea County, New Mexico. NAPP2123839504

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, Redhills Rattlesnake Reuse Pit, Unit M, Section 22, Township 26 South, Range 33 East, Lea County, New Mexico (Site). The site coordinates are 32.023535°, -103.568026°. 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 June 7, 2021, and released approximately 7 barrels of produced water due to a failed drain valve. Approximately 3 barrels of produced water were recovered. The release occurred on a pad, impacting an area measuring approximately 140' X 80'. 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, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances. However, the site is located in a medium karst potential area. The nearest well is listed on the New Mexico Office of the State Engineer (NMOSE) water database is in section 22, approximately 0.49 miles from the site, and has a reported depth to groundwater of 110' below surface. Additionally, this well was drilled on November 20, 2012. Site characterization information is found 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, 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

Tetra Tech
901 West Wall Street, Suite 100, Midland, TX 79701
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

TETRA TECH

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 2,500 mg/kg (GRO + DRO + ORO) and 1,000 mg/kg (GRO + DRO) beyond the top 4.0' of soil. Additionally, based on the site characterization, the proposed RRAL for chlorides is 20,000 mg/kg, beyond the top 4.0' of soil.

Soil Assessment and Analytical Results

Initial Assessment

On July 29, 2021, Tetra Tech personnel were onsite to evaluate and sample the release area. A total of seven (7) auger holes (AH-1 through AH-7) were installed in the release footprint with depths ranging from surface to 1.0' below surface, hitting refusal at shallow depths due to the dense lithology of the area. Additionally, nine (9) horizontals were installed to horizontally delineate the spill footprint. 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, none of the samples reported benzene or total BTEX concentrations above the laboratory reporting limits. However, auger holes (AH-2 through AH-4) reported TPH concentrations above the 100 mg/kg threshold, with concentrations ranging from 110 mg/kg to 3,105 mg/kg, at depths ranging from surface to 1.0' below surface. In the areas of auger holes (AH-3 through AH-7), chloride concentrations were detected above the 600 mg/kg threshold, with concentrations ranging from 1,820 mg/kg to 42,800 mg/kg. The areas of horizontals (H-3 and H-7) reported TPH concentrations above the 100 mg/kg threshold, with concentrations ranging from 126 mg/kg to 322 mg/kg, at surface. The area of horizontal (H-3) reported a chloride concentration above the 600 mg/kg threshold, with a concentration of 689 mg/kg, at surface. However, due to the dense lithology in the area, vertical delineation was not found in the areas of auger holes (AH-2 through AH-7).

Trenches

Based on the laboratory data, Tetra Tech personnel returned to the site on August 23, 2021, to install thirteen (13) trenches (T-1 through T-13) to a total depths ranging from surface to 17.0' below surface to vertically define the TPH and chloride impact in the areas of auger holes (AH-2 through AH-7), and to further assess the remaining impact. Select 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 on Figure 3.

None of the trenches reported benzene or BTEX concentrations above the laboratory reporting limits. Additionally, none of the trenches, with the exception of trenches (Trench-1 and Trench-7) reported TPH concentrations above the 100 mg/kg threshold, the exceeding TPH concentrations were reported at depths ranging from surface to 2.0' below surface. All trenches, with the exception of trenches (Trench-5, Trench-9, and Trench-12) reported chloride concentrations above the 600 mg/kg threshold, with concentrations ranging from 864 mg/kg to

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4,960 mg/kg, at depths ranging from surface to 4.0' below surface. Additionally, all trenches showed vertical delineation at depths ranging from surface to 16.0' below surface.

Remediation and Reclamation Activities

Based on the assessment data, EOG performed the remediation and reclamation activities. Tetra Tech personnel were onsite November 16, 2021 through December 17, 2021, to supervise the remediation and collect confirmation samples. The impacted areas were excavated to depths ranging from 2.0' below surface and 4.5' below surface, as shown on Figure 4 and Table 2.

Confirmation bottom hole and sidewall samples were collected every 500 square feet as approved by the OCD in the previously submitted work plan dated August 31, 2021, a total of two hundred sixteen (216) bottom hole samples (BH-1 through BH-216) and thirty-one (31) sidewall samples (SW-1 through SW-31), were collected to ensure proper removal of the impacted soils. The samples were submitted to the laboratory to be analyzed for TPH method 8015 modified, 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, TPH, and chloride concentrations below the RRALs.

Approximately 15,794 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.

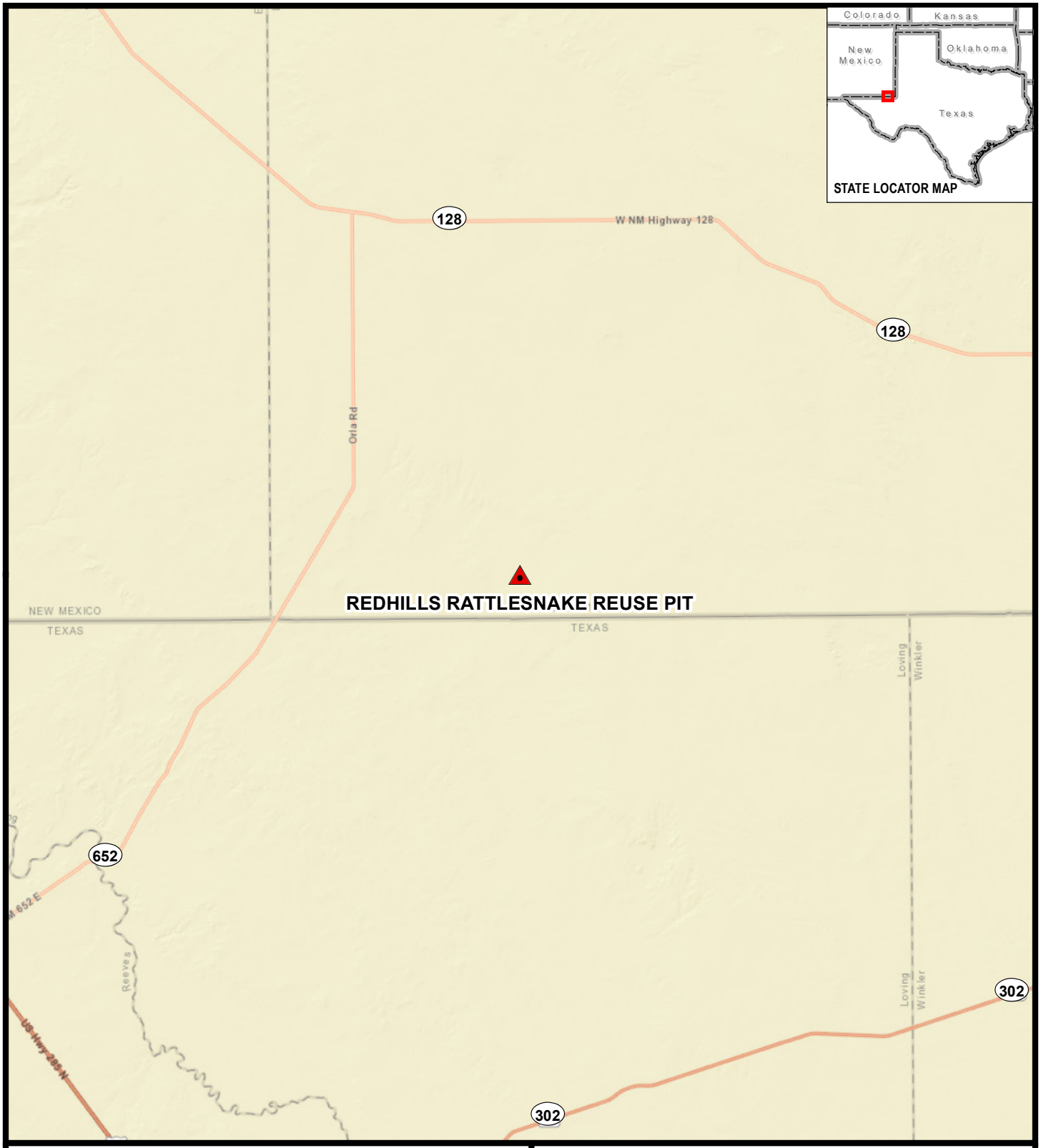
Respectfully submitted,
TETRA TECH

Brittany Long,
Project Manager

Clair Gonzales, P.G.
Senior Project Manager

TETRA TECH

Figures



SITE LOCATION

N
W E
S

0 2.5 5 Miles

Approximate Scale in Miles

Source: ESRI Basemap - Streets, 2021.

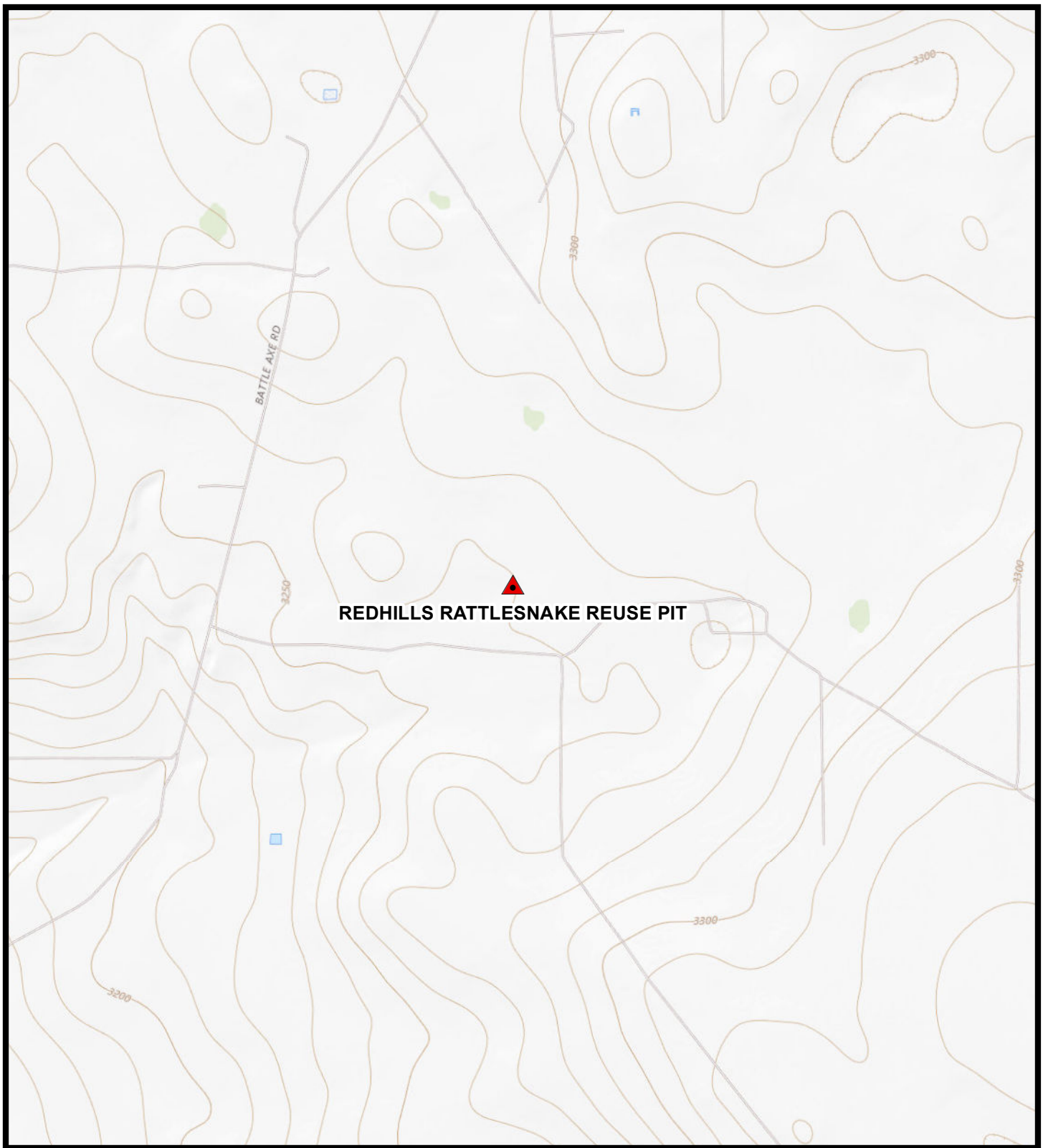
OVERVIEW MAP
REDHILLS RATTLESNAKE REUSE PIT
Property Located at coordinates 32.023535°, -103.568026°
LEA COUNTY, NEW MEXICO

eog resources

Project #:
212C-MD-02560

FIGURE
1

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SITE LOCATION

N
W
E
S

0 1,000 2,000 Feet

Approximate Scale in Feet

Source: USGS, The National Map, Topo Base, 2021.

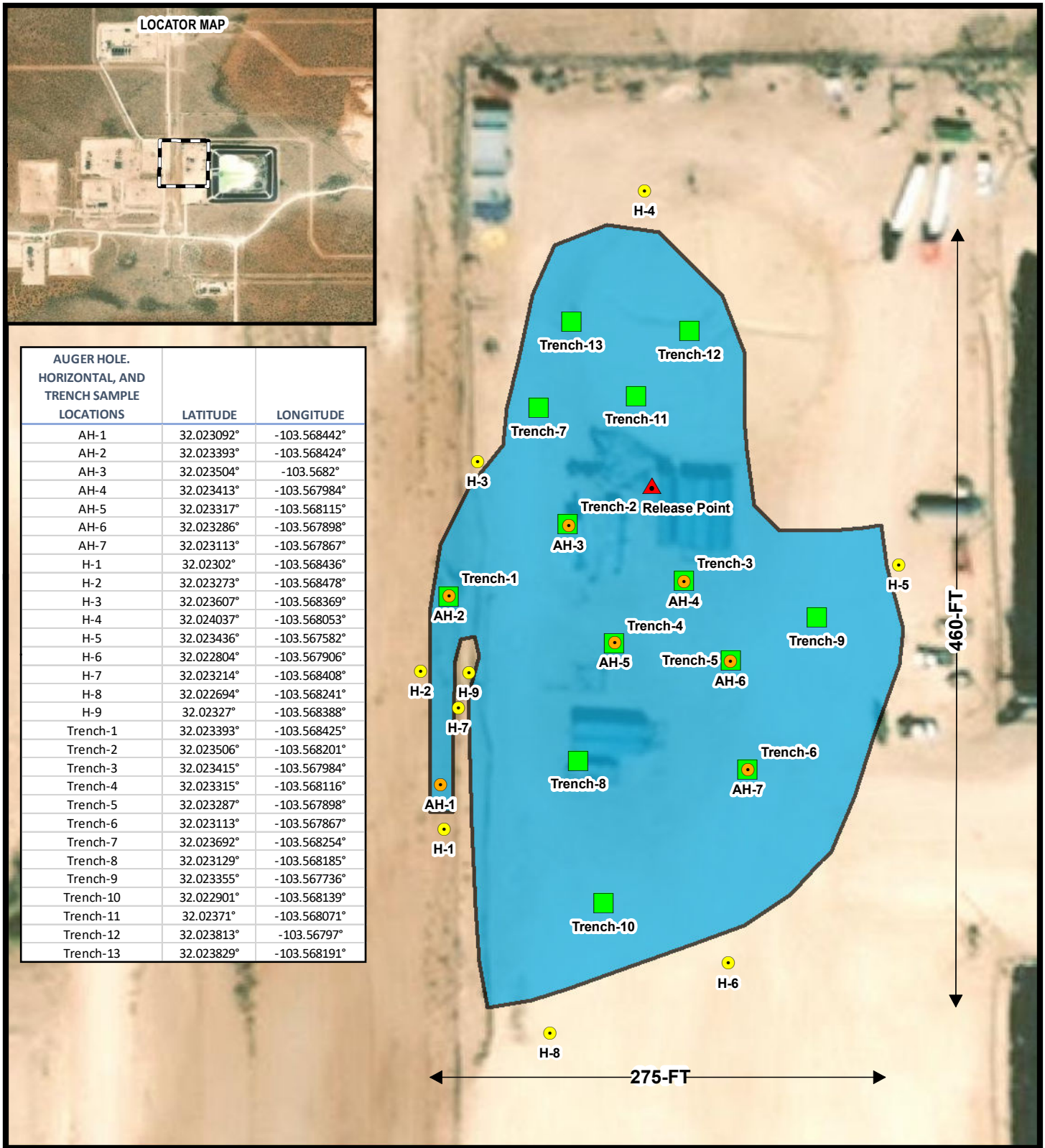
TOPOGRAPHIC MAP
REDHILLS RATTLESNAKE REUSE PIT
Property Located at coordinates 32.023535°, -103.568026°
LEA COUNTY, NEW MEXICO

eog resources

Project #:
212C-MD-02560

FIGURE
2

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AUGER HOLE. HORIZONTAL, AND TRENCH SAMPLE LOCATIONS	LATITUDE	LONGITUDE
AH-1	32.023092°	-103.568442°
AH-2	32.023393°	-103.568424°
AH-3	32.023504°	-103.5682°
AH-4	32.023413°	-103.567984°
AH-5	32.023317°	-103.568115°
AH-6	32.023286°	-103.567898°
AH-7	32.023113°	-103.567867°
H-1	32.02302°	-103.568436°
H-2	32.023273°	-103.568478°
H-3	32.023607°	-103.568369°
H-4	32.024037°	-103.568053°
H-5	32.023436°	-103.567582°
H-6	32.022804°	-103.567906°
H-7	32.023214°	-103.568408°
H-8	32.022694°	-103.568241°
H-9	32.02327°	-103.568388°
Trench-1	32.023393°	-103.568425°
Trench-2	32.023506°	-103.568201°
Trench-3	32.023415°	-103.567984°
Trench-4	32.023315°	-103.568116°
Trench-5	32.023287°	-103.567898°
Trench-6	32.023113°	-103.567867°
Trench-7	32.023692°	-103.568254°
Trench-8	32.023129°	-103.568185°
Trench-9	32.023355°	-103.567736°
Trench-10	32.022901°	-103.568139°
Trench-11	32.02371°	-103.568071°
Trench-12	32.023813°	-103.56797°
Trench-13	32.023829°	-103.568191°

RELEASE POINT
AUGER HOLE SAMPLE LOCATION
HORIZONTAL SAMPLE LOCATION
TRENCH SAMPLE LOCATION
SPILL AREA

N
W
E
S

0 40 80 Feet
Approximate Scale in Feet

Source: ESRI Basemap - Imagery, 2020.

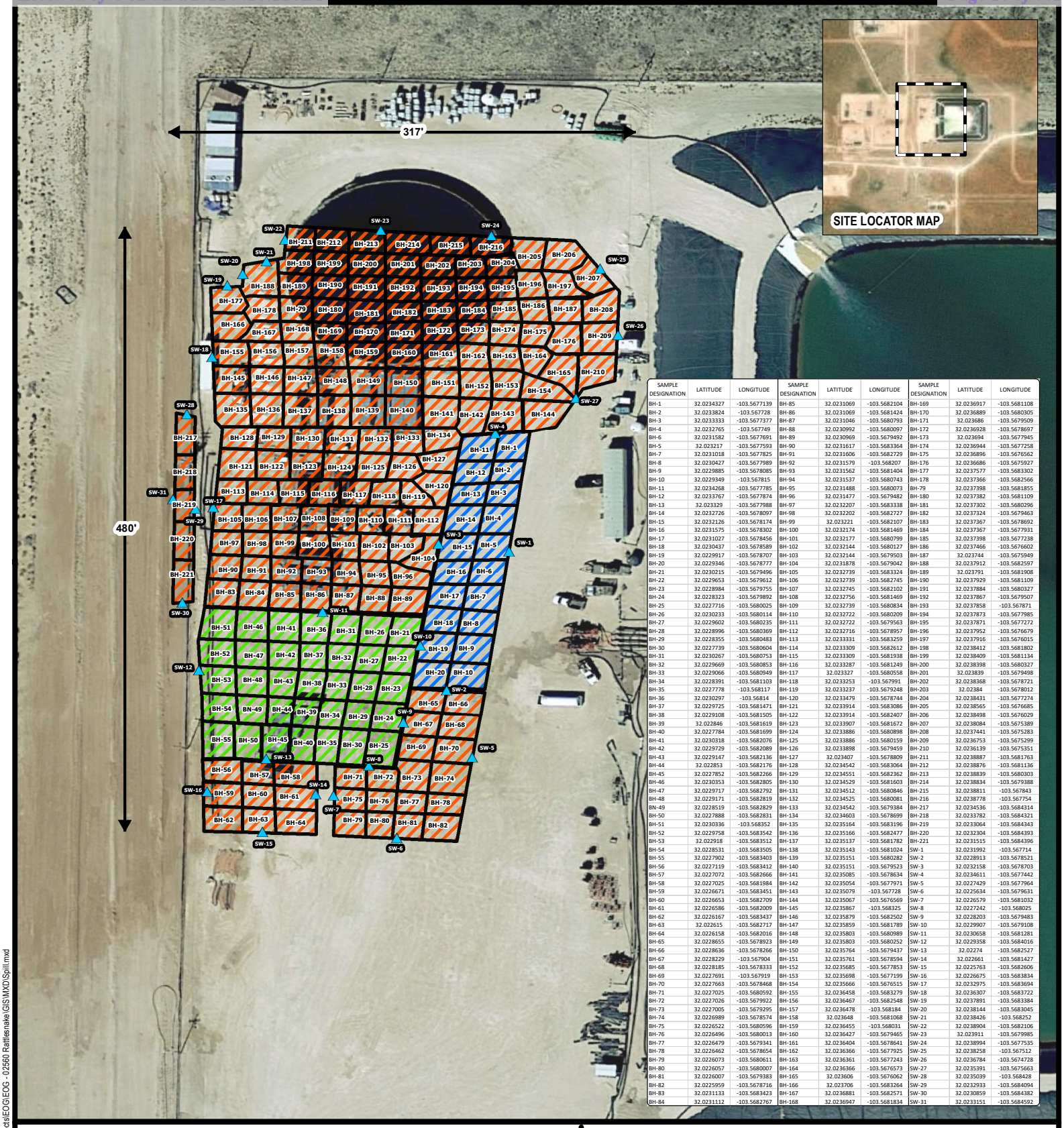
RELEASE ASSESSMENT MAP AND BORING LOCATIONS
REDHILLS RATTLESNAKE REUSE PIT
Property Located at coordinates 32.023535°, -103.568026°
LEA COUNTY, NEW MEXICO

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Project #:
212C-MD-02560

FIGURE
3

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SAMPLE DESIGNATION	LATITUDE	LONGITUDE	SAMPLE DESIGNATION	LATITUDE	LONGITUDE	SAMPLE DESIGNATION	LATITUDE	LONGITUDE
BH-1	32.0234327	-103.5677139	BH-85	32.0231069	-103.5682104	BH-169	32.0236917	-103.5681108
BH-2	32.0233824	-103.567728	BH-86	32.0231069	-103.5681424	BH-170	32.0236889	-103.5680305
BH-3	32.0233333	-103.5677377	BH-87	32.0231046	-103.5680793	BH-171	32.023686	-103.5679509
BH-4	32.0232765	-103.567749	BH-88	32.0230992	-103.5680097	BH-172	32.0236928	-103.5678697
BH-6	32.0231582	-103.5677691	BH-89	32.0230969	-103.5679492	BH-173	32.023694	-103.5677945
BH-5	32.023217	-103.5677593	BH-90	32.0231617	-103.5683364	BH-174	32.0236944	-103.5677258
BH-7	32.0231018	-103.5677825	BH-91	32.0231606	-103.5682729	BH-175	32.0236896	-103.5676562
BH-8	32.0230427	-103.5677989	BH-92	32.0231579	-103.568207	BH-176	32.0236686	-103.5675927
BH-9	32.0229885	-103.5678085	BH-93	32.0231562	-103.5681404	BH-177	32.0237577	-103.5683302
BH-10	32.0229349	-103.567815	BH-94	32.0231537	-103.5680743	BH-178	32.0237366	-103.5682566
BH-11	32.0234268	-103.5677785	BH-95	32.0231488	-103.5680073	BH-79	32.0237398	-103.5681855
BH-12	32.0233767	-103.5677874	BH-96	32.0231477	-103.5679482	BH-180	32.0237382	-103.5681109
BH-13	32.023329	-103.5677988	BH-97	32.0232207	-103.5683338	BH-181	32.0237302	-103.5680296
BH-14	32.0232726	-103.5678097	BH-98	32.0232202	-103.5682727	BH-182	32.0237324	-103.5679463
BH-15	32.0232126	-103.5678174	BH-99	32.023221	-103.5682107	BH-183	32.0237367	-103.5678692
BH-16	32.0231575	-103.5678302	BH-100	32.0232174	-103.5681469	BH-184	32.0237367	-103.5677931
BH-17	32.0231027	-103.5678456	BH-101	32.0232177	-103.5680799	BH-185	32.0237398	-103.5677238
BH-18	32.0230437	-103.5678589	BH-102	32.0232144	-103.5680127	BH-186	32.0237466	-103.5676602
BH-19	32.0229917	-103.5678707	BH-103	32.0232144	-103.5679503	BH-187	32.023744	-103.5675949
BH-20	32.0229346	-103.5678777	BH-104	32.0231878	-103.5679042	BH-188	32.0237912	-103.5682597
BH-21	32.0230215	-103.5679496	BH-105	32.0232739	-103.5683324	BH-189	32.023791	-103.5681908
BH-22	32.0229653	-103.5679612	BH-106	32.0232739	-103.5682745	BH-190	32.0237929	-103.5681109
BH-23	32.0228984	-103.5679755	BH-107	32.0232745	-103.5682102	BH-191	32.0237884	-103.5680327
BH-24	32.0228323	-103.5679892	BH-108	32.0232756	-103.5681469	BH-192	32.0237867	-103.5679507
BH-25	32.0227716	-103.5680025	BH-109	32.0232739	-103.5680834	BH-193	32.0237858	-103.567871
BH-26	32.0230233	-103.5680114	BH-110	32.0232722	-103.5680209	BH-194	32.0237873	-103.5677985
BH-27	32.0229602	-103.5680235	BH-111	32.0232722	-103.5679563	BH-195	32.0237871	-103.5677272
BH-28	32.0228996	-103.5680369	BH-112	32.0232716	-103.5678957	BH-196	32.0237952	-103.5676679
BH-29	32.0228355	-103.5680483	BH-113	32.0233331	-103.5683259	BH-197	32.0237916	-103.5676015
BH-30	32.0227739	-103.5680604	BH-114	32.0233309	-103.5682612	BH-198	32.0238412	-103.5681802
BH-31	32.0230267	-103.5680753	BH-115	32.0233309	-103.5681938	BH-199	32.0238409	-103.5681134
BH-32	32.0229669	-103.5680853	BH-116	32.0233287	-103.5681249	BH-200	32.0238398	-103.5680327
BH-33	32.0229066	-103.5680949	BH-117	32.023327	-103.5680558	BH-201	32.023839	-103.5679498
BH-34	32.0228391	-103.5681103	BH-118	32.0233253	-103.567991	BH-202	32.0238368	-103.5678721
BH-35	32.0227778	-103.568117	BH-119	32.0233237	-103.5679248	BH-203	32.02384	-103.5678012
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BH-39	32.02846	-103.5681619	BH-123	32.0233907	-103.5681672	BH-207	32.0238084	-103.5675389
BH-40	32.0227784	-103.5681699	BH-124	32.0233886	-103.5680898	BH-208	32.0237441	-103.5675283
BH-41	32.0230318	-103.5682076	BH-125	32.0233886	-103.5680159	BH-209	32.0236753	-103.5675299
BH-42	32.0229729	-103.5682089	BH-126	32.0233898	-103.5679459	BH-210	32.0236139	-103.5675351
BH-43	32.0229147	-103.5682136	BH-127	32.023407	-103.5678809	BH-211	32.0238887	-103.5681763
BH-44	32.022853	-103.5682176	BH-128	32.0234542	-103.5683064	BH-212	32.0238876	-103.5681136
BH-45	32.0227852	-103.5682266	BH-129	32.0234551	-103.5682362	BH-213	32.0238839	-103.5680303
BH-46	32.0230353	-103.5682805	BH-130	32.0234529	-103.5681603	BH-214	32.0238834	-103.5679388
BH-47	32.0229717	-103.5682792	BH-131	32.0234512	-103.5680846	BH-215	32.0238811	-103.567843
BH-48	32.0229171	-103.5682819	BH-132	32.0234525	-103.5680081	BH-216	32.0238778	-103.567754
BH-49	32.0228519	-103.5682829	BH-133	32.0234542	-103.5679384	BH-217	32.0234536	-103.5684314
BH-50	32.0227888	-103.5682831	BH-134	32.0234603	-103.5678699	BH-218	32.0233782	-103.5684321
BH-51	32.0230336	-103.568352	BH-135	32.0235164	-103.5683196	BH-219	32.0233064	-103.5684343
BH-52	32.0229758	-103.5683542	BH-136	32.0235166	-103.5682477	BH-220	32.0232304	-103.5684393
BH-53	32.022918	-103.5683512	BH-137	32.0235137	-103.5681782	BH-221	32.0231515	-103.5684396
BH-54	32.0228531	-103.5683505	BH-138	32.0235143	-103.5681024	SW-1	32.0231992	-103.567714
BH-55	32.0227902	-103.5683403	BH-139	32.0235151	-103.5680282	SW-2	32.0228913	-103.5678521
BH-56	32.0227119	-103.5683412	BH-140	32.0235151	-103.5679523	SW-3	32.0232158	-103.5678703
BH-57	32.0227072	-103.5682666	BH-141	32.0235085	-103.5678634	SW-4	32.0234611	-103.5677442
BH-58	32.0227025	-103.5681984	BH-142	32.0235054	-103.5677971	SW-5	32.0227429	-103.5677964
BH-59	32.0226671	-103.5683451	BH-143	32.0235079	-103.567728	SW-6	32.0225634	-103.5679631
BH-60	32.0226653	-103.5682709	BH-144	32.0235067	-103.5676569	SW-7	32.0226579	-103.5681032
BH-61	32.0226586	-103.5682009	BH-145	32.0235867	-103.568325	SW-8	32.0227242	-103.568025
BH-62	32.0226167	-103.5683437	BH-146	32.0235879	-103.5682502	SW-9	32.0228203	-103.5679483
BH-63	32.022615	-103.5682717	BH-147	32.0235859	-103.5681789	SW-10	32.0229907	-103.5679108
BH-64	32.0226158	-103.5682016	BH-148	32.0235803	-103.5680989	SW-11	32.0230658	-103.5681281
BH-65	32.0228655	-103.5678923	BH-149	32.0235803	-103.5680252	SW-12	32.0229358	-103.5684016
BH-66	32.0228636	-103.5678266	BH-150	32.0235764	-103.5679437	SW-13	32.02274	-103.5682527
BH-67	32.0228229	-103.567904	BH-151	32.0235761	-103.5678594	SW-14	32.022661	-103.5681427
BH-68	32.0228185	-103.5678333	BH-152	32.0235685	-103.5677853	SW-15	32.0225763	-103.5682606
BH-69	32.0227691	-103.567919	BH-153	32.0235698	-103.5677199	SW-16	32.0226675	-103.5683834
BH-70	32.0227663	-103.5678468	BH-154	32.0235666	-103.5676515	SW-17	32.0232975	-103.5683694
BH-71	32.0227025	-103.5680592	BH-155	32.0236458	-103.5683279	SW-18	32.0236307	-103.5683722
BH-72	32.0227026	-103.5679922	BH-156	32.0236467	-103.5682548	SW-19	32.0237891	-103.5683384
BH-73	32.0227005	-103.5679295	BH-157	32.0236478	-103.568184	SW-20	32.0238144	-103.5683045
BH-74	32.0226989	-103.5678574	BH-158	32.023648	-103.5681068	SW-21	32.0238426	-103.568252
BH-75	32.0226522	-103.5680596	BH-159	32.0236455	-103.568031	SW-22	32.0238904	-103.5682106
BH-76	32.0226496	-103.5680013	BH-160	32.0236427	-103.5679465	SW-23	32.023911	-103.5679985
BH-77	32.0226479	-103.5679341	BH-161	32.0236404	-103.5678641	SW-24	32.0238994	-103.5677535
BH-78	32.0226462	-103.5678654	BH-162	32.0236366	-103.5677925	SW-25	32.0238258	-103.567512
BH-79	32.0226073	-103.5680611	BH-163	32.0236361	-103.5677243	SW-26	32.0236784	-103.5674728
BH-80	32.0226057	-103.5680007	BH-164	32.0236366	-103.5676573	SW-27	32.0235391	-103.5675663
BH-81	32.0226007	-103.5679383	BH-165	32.023606	-103.5676062	SW-28	32.0235039	-103.568428
BH-82	32.0225959	-103.5678716	BH-166	32.023706	-103.5683264	SW-29	32.0232933	-103.5684094
BH-83	32.0231133	-103.5683423	BH-167	32.0236881	-103.5682571	SW-30	32.0230859	-103.5684382
BH-84	32.0231112	-103.5682767	BH-168	32.0236947	-103.5681834	SW-31	32.0233151	-103.5684592

▲ SIDEWALL SAMPLE LOCATIONS

BH BOTTOMHOLE SAMPLE LOCATIONS

2' DEPTH EXCAVTION

3' DEPTH EXCAVATION

4.5' DEPTH EXCAVATION

N W E S

0 60 120 Feet

Approximate Scale

Service Layer Credits: USGS - Topo, 2020.

EXCAVATION AREA & DEPTH MAP
RATTLESNAKE PUMP SPILL
Property located at coordinates 32.0234327°, -103.5677139°
LEA COUNTY, NEW MEXICO

eog resources

Project #:
212C-MD-02560

FIGURE
4

Document Path: C:\Users\E.MORENOFLORES\Documents\Projects\EOG\EOG - 02560 Rattlesnake\GIS\MXD\Spill.mxd

TETRA TECH

Tables

Released to Imaging: 1/20/2022 8:51:58 AM

Received by OCD: 1/4/2022 9:16:11 AM

Table 1
EOG Resources
Rattlesnake Pump Spill
Lea County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
AH-1	7/29/2021	0-1	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	85.8
AH-2	7/29/2021	0-1	X	-	**1,710**	<49.9	**223**	**1,930**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	435
Trench-1	8/23/2021	0-1'	X	-	<10.0	**2,310**	**795**	**3,105**	<0.050	<0.050	<0.050	<0.150	<0.300	240
	8/23/2021	1.0'	X	-	<10.0	**986**	**369**	**1,355**	<0.050	<0.050	<0.050	<0.150	<0.300	224
	8/23/2021	2.0'	X	-	<10.0	**371**	**146**	**517**	<0.050	<0.050	<0.050	<0.150	<0.300	416
	8/23/2021	3.0'	X	-	<10.0	<10.0	19.7	19.7	<0.050	<0.050	<0.050	<0.150	<0.300	**880**
	8/23/2021	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	8/23/2021	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
AH-3	7/29/2021	0-1	X	-	**118**	<50.0	<50.0	**118**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**8,720**
Trench-2	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,120**
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,440**
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,860**
	8/23/2021	3.5'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,200**
	8/23/2021	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
AH-4	7/29/2021	0-1	X	-	**110**	<50.0	<50.0	**110**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**42,800**
Trench-3	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**848**
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,140**
	8/23/2021	2.0'	X	-	<10.0	30.9	25.9	56.8	<0.050	<0.050	<0.050	<0.150	<0.300	336
	8/23/2021	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
AH-5	7/29/2021	0-1	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,820**
Trench-4	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,520**
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,960**
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,470**
	8/23/2021	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,500**
	8/23/2021	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,440**
	8/23/2021	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
AH-6	7/29/2021	0-1	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00306	<0.00199	<0.00398	<0.00398	**2,080**
Trench-5	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	8/23/2021	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
AH-7	7/29/2021	0-1	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	0.00253	<0.00198	<0.00396	<0.00396	**3,670**
Trench-6	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**880**
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Trench-7	8/23/2021	0-1'	X	-	<10.0	**1,220**	**302**	**1,522**	<0.050	<0.050	<0.050	<0.150	<0.300	**1,570**
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,760**
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,310**
	8/23/2021	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352

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EOG Resources
Rattlesnake Pump Spill
Lea County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
Trench-8	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,580**
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,720**
	8/23/2021	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,360**
	8/23/2021	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,760**
	8/23/2021	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	896
	8/23/2021	8.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
	8/23/2021	9.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Trench-9	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Trench-10	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,040**
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,810**
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,240**
	8/23/2021	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,680**
	8/23/2021	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,040**
	8/23/2021	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
	8/23/2021	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Trench-11	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**3,240**
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**4,960**
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**4,720**
	8/23/2021	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**4,960**
	8/23/2021	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**3,440**
	8/23/2021	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4040
	8/23/2021	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4240
	8/23/2021	9.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
	8/23/2021	10.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	912
	8/23/2021	12.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	944
	8/23/2021	16.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
	8/23/2021	17.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
Trench-12	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Trench-13	8/23/2021	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**896**
	8/23/2021	1.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**864**
	8/23/2021	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	8/23/2021	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0

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Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
H-1	7/29/2021	0-0.5	X	-	53.6	<50.0	<50.0	53.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	192
H-2	7/29/2021	0-0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	53.8
H-3	7/29/2021	0-0.5	X	-	**241**	<49.9	80.6	**322**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**689**
H-4	7/29/2021	0-0.5	X	-	57.0	<50.0	<50.0	57.0	<0.00201	0.00298	<0.00201	<0.00402	<0.00402	343
H-5	7/29/2021	0-0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	404
H-6	7/29/2021	0-0.5	X	-	87.8	<50.0	<50.0	87.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	130
H-7	7/29/2021	0-0.5	X	-	**126**	<49.9	<49.9	**126**	<0.00200	0.00757	0.00619	0.0102	0.0240	65.0
H-8	7/29/2021	0-0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	302
H-9	7/29/2021	0-0.5	X	-	54.3	<50.0	<50.0	54.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	392

(-) Not Analyzed
Exceeds Thresholds

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Table 2
EOG
Rattlesnake Pump Spill
Lea 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	GRO	DRO	MRO	Total						
BH-1	11/16/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	45.1
BH-2	11/16/2021	2.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	108
BH-3	11/16/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	26.3
BH-4	11/16/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	27.5
BH-5	11/16/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	140
BH-6	11/16/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	45.1
BH-7	11/16/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	47.8
BH-8	11/16/2021	2.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	19.4
BH-9	11/16/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	19.6
BH-10	11/16/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	90.3
BH-11	11/16/2021	2.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	139
BH-12	11/16/2021	2.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	66.1
BH-13	11/16/2021	2.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	50.4
BH-14	11/16/2021	2.0	X	-	<49.7	<49.7	<49.7	<49.7	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	60.6
BH-15	11/16/2021	2.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	26.3
BH-16	11/16/2021	2.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	144
BH-17	11/16/2021	2.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	142
BH-18	11/16/2021	2.0	X	-	<50.1	<50.1	<50.1	<50.1	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	72.5
BH-19	11/16/2021	2.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	77.7
BH-20	11/16/2021	2.0	X	-	<49.7	<49.7	<49.7	<49.7	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	70.6
BH-21	11/17/2021	3.0	X	-	<50.1	<50.1	<50.1	<50.1	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	73.5
BH-22	11/17/2021	3.0	X	-	<50.2	<50.2	<50.2	<50.2	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	69.6
BH-23	11/17/2021	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	71.6

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EOG
Rattlesnake Pump Spill
Lea 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	GRO	DRO	MRO	Total						
BH-24	11/17/2021	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	71.4
BH-25	11/17/2021	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	71.3
BH-26	11/17/2021	3.0	X	-	<49.8	<49.8	<49.8	<49.8	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	75.5
BH-27	11/17/2021	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	88.8
BH-28	11/17/2021	3.0	X	-	<50.1	<50.1	<50.1	<50.1	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	79.6
BH-29	11/17/2021	3.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	69.6
BH-30	11/17/2021	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	70.7
BH-31	11/17/2021	3.0	X	-	<50.2	<50.2	<50.2	<50.2	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	88.2
BH-32	11/17/2021	3.0	X	-	<50.2	<50.2	<50.2	<50.2	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	91.6
BH-33	11/17/2021	3.0	X	-	<50.1	<50.1	<50.1	<50.1	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	92.0
BH-34	11/17/2021	3.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	96.2
BH-35	11/17/2021	3.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	92.3
BH-36	11/17/2021	3.0	X	-	<50.1	<50.1	<50.1	<50.1	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	101
BH-37	11/17/2021	3.0	X	-	<50.2	<50.2	<50.2	<50.2	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	87.9
BH-38	11/17/2021	3.0	X	-	<49.7	<49.7	<49.7	<49.7	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	91.3
BH-39	11/17/2021	3.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	157
BH-40	11/17/2021	3.0	X	-	<49.7	<49.7	<49.7	<49.7	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	166
BH-41	11/17/2021	3.0	X	-	<50.2	<50.2	<50.2	<50.2	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	175
BH-42	11/17/2021	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	180
BH-43	11/17/2021	3.0	X	-	<50.3	<50.3	<50.3	<50.3	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	173
BH-44	11/17/2021	3.0	X	-	<49.3	<49.3	<49.3	<49.3	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	178
BH-45	11/17/2021	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	197
BH-46	11/17/2021	3.0	X	-	<50.3	<50.3	<50.3	<50.3	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	197
BH-47	11/17/2021	3.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	189
BH-48	11/17/2021	3.0	X	-	<50.7	<50.7	<50.7	<50.7	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	45.8
BH-49	11/17/2021	3.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	43.9
BH-50	11/17/2021	3.0	X	-	<49.7	<49.7	<49.7	<49.7	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	30.8

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			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-51	11/17/2021	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	44.1
BH-52	11/17/2021	3.0	X	-	<49.6	<49.6	<49.6	<49.6	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	51.0
BH-53	11/17/2021	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	35.0
BH-54	11/17/2021	3.0	X	-	<50.2	<50.2	<50.2	<50.2	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	37.7
BH-55	11/17/2021	3.0	X	-	<50.1	<50.1	<50.1	<50.1	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	47.1
BH-56	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	410
BH-57	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	291
BH-58	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	338
BH-59	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	307
BH-60	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	394
BH-61	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	273
BH-62	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	243
BH-63	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	318
BH-64	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	286
BH-65	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	325
BH-66	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	296
BH-67	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1050
BH-68	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1180
BH-69	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1110
BH-70	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	421
BH-71	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	383
BH-72	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	20.1
BH-73	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	26.0
BH-74	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	405
BH-75	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	480
BH-76	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	62.5
BH-77	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	77.4

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			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-78	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	20.0
BH-79	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	31.7
BH-80	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	143
BH-81	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	141
BH-82	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	141
BH-83	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	189
BH-84	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	203
BH-85	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2190
BH-86	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2270
BH-87	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2290
BH-88	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2430
BH-89	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2270
BH-90	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2370
BH-91	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3760
BH-92	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4350
BH-93	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	4220
BH-94	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	3410
BH-95	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3970
BH-96	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4800
BH-97	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4640
BH-98	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5010
BH-99	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	40.4
BH-100	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	42.0
BH-101	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2350
BH-102	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1280
BH-103	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1960
BH-104	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1850

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Lea 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	GRO	DRO	MRO	Total						
BH-105	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1980
BH-106	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1960
BH-107	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1930
BH-108	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2080
BH-109	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2080
BH-110	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1870
BH-111	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1410
BH-112	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1390
BH-113	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1340
BH-114	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1270
BH-115	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1350
BH-116	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1330
BH-117	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1240
BH-118	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1360
BH-119	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	413
BH-120	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	478
BH-121	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	462
BH-122	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	459
BH-123	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	415
BH-124	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	488
BH-125	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	461
BH-126	11/19/2021	4.5	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	451
BH-127	11/19/2021	4.5	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1140
BH-128	11/19/2021	4.5	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1320
BH-129	11/19/2021	4.5	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1030
BH-130	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1110
BH-131	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1030

Released to Imaging: 1/20/2022 8:51:58 AM

Received by OCD: 1/4/2022 9:16:11 AM

Table 2
EOG
Rattlesnake Pump Spill
Lea 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	GRO	DRO	MRO	Total						
BH-132	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1110
BH-133	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1080
BH-134	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1300
BH-135	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	664
BH-136	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	596
BH-137	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	510
BH-138	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	676
BH-139	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	666
BH-140	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1810
BH-141	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1800
BH-142	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1490
BH-143	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1460
BH-144	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1410
BH-145	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1420
BH-146	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1380
BH-147	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1210
BH-148	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1160
BH-149	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1680
BH-150	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1360
BH-151	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1350
BH-152	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1330
BH-153	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1430
BH-154	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1900
BH-155	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1360
BH-156	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1160
BH-157	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1250
BH-158	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1150

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EOG
Rattlesnake Pump Spill
Lea 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	GRO	DRO	MRO	Total						
BH-159	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1300
BH-160	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1140
BH-161	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1460
BH-162	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1530
BH-163	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1180
BH-164	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1460
BH-165	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1580
BH-166	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1490
BH-167	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1700
BH-168	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1770
BH-169	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1890
BH-170	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1670
BH-171	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1220
BH-172	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1200
BH-173	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1050
BH-174	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1080
BH-175	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1270
BH-176	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1260
BH-177	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1180
BH-178	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1030
BH-179	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1200
BH-180	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1260
BH-181	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	469
BH-182	11/19/2021	4.5	X	-	<50.0	51.4	<50.0	51.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	573
BH-183	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	361
BH-184	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	518
BH-185	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	481

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			In-Situ	Removed	GRO	DRO	MRO	Total						
BH-186	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	479
BH-187	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	528
BH-188	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	526
BH-189	11/19/2021	4.5	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	210
BH-190	11/19/2021	4.5	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	545
BH-191	11/19/2021	4.5	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	681
BH-192	11/19/2021	4.5	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	674
BH-193	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	717
BH-194	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	733
BH-195	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	725
BH-196	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	704
BH-197	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	703
BH-198	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	782
BH-199	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	723
BH-200	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	752
BH-201	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	885
BH-202	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	746
BH-203	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	848
BH-204	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	811
BH-205	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	801
BH-206	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	821
BH-207	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	752
BH-208	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	767
BH-209	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	820
BH-210	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	762
BH-211	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4290
BH-212	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3570

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Received by OCD: 1/4/2022 9:16:11 AM

Table 2
EOG
Rattlesnake Pump Spill
Lea 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	GRO	DRO	MRO	Total						
BH-213	11/19/2021	4.5	X	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3850
BH-214	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3850
BH-215	11/19/2021	4.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3710
BH-216	11/19/2021	4.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	3230
SW-1	11/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	61.5
SW-2	11/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	44.3
SW-3	11/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	114
SW-4	11/16/2021	-	X	-	<49.5	<49.5	<49.5	<49.5	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	111
SW-5	11/16/2021	-	X	-	<49.6	<49.6	<49.6	<49.6	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	43.3
SW-6	11/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	122
SW-7	11/16/2021	-	X	-	<49.4	<49.4	<49.4	<49.4	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	90.2
SW-8	11/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	84.2
SW-9	11/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	86.9
SW-10	11/16/2021	-	X	-	<49.3	<49.3	<49.3	<49.3	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	103
SW-11	11/16/2021	-	X	-	<49.3	<49.3	<49.3	<49.3	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	145
SW-12	11/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	28.0
SW-13	11/16/2021	-	X	-	<48.9	<48.9	<48.9	<48.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	105
SW-14	11/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	224
SW-15	11/16/2021	-	X	-	<49.5	<49.5	<49.5	<49.5	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	88.3
SW-16	11/16/2021	-	-	X	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	**802**
	12/17/2021	-	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-17	11/16/2021	-	X	-	<50.4	<50.4	<50.4	<50.4	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	167
SW-18	11/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	169
SW-19	11/16/2021	-	X	-	<50.2	<50.2	<50.2	<50.2	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	170
SW-20	11/16/2021	-	X	-	<50.1	<50.1	<50.1	<50.1	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	135
SW-21	11/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	171
SW-22	11/16/2021	-	X	-	<50.4	<50.4	<50.4	<50.4	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	80.2

Released to Imaging: 1/20/2022 8:51:58 AM

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Table 2
EOG
Rattlesnake Pump Spill
Lea 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	GRO	DRO	MRO	Total						
SW-23	11/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	89.2
SW-24	11/16/2021	-	X	-	<49.7	<49.7	<49.7	<49.7	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	85.8
SW-25	11/16/2021	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	90.4
SW-26	11/16/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	85.4
SW-27	11/16/2021	-	X	-	<49.8	<49.8	<49.8	<49.8	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	80.8
SW-28	11/16/2021	-	X	-	<49.6	<49.6	<49.6	<49.6	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	80.5
SW-29	11/16/2021	-	X	-	<49.6	<49.6	<49.6	<49.6	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	84.2
SW-30	11/16/2021	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	84.3
SW-31	11/16/2021	-	X	-	<49.4	<49.4	<49.4	<49.4	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	80.6

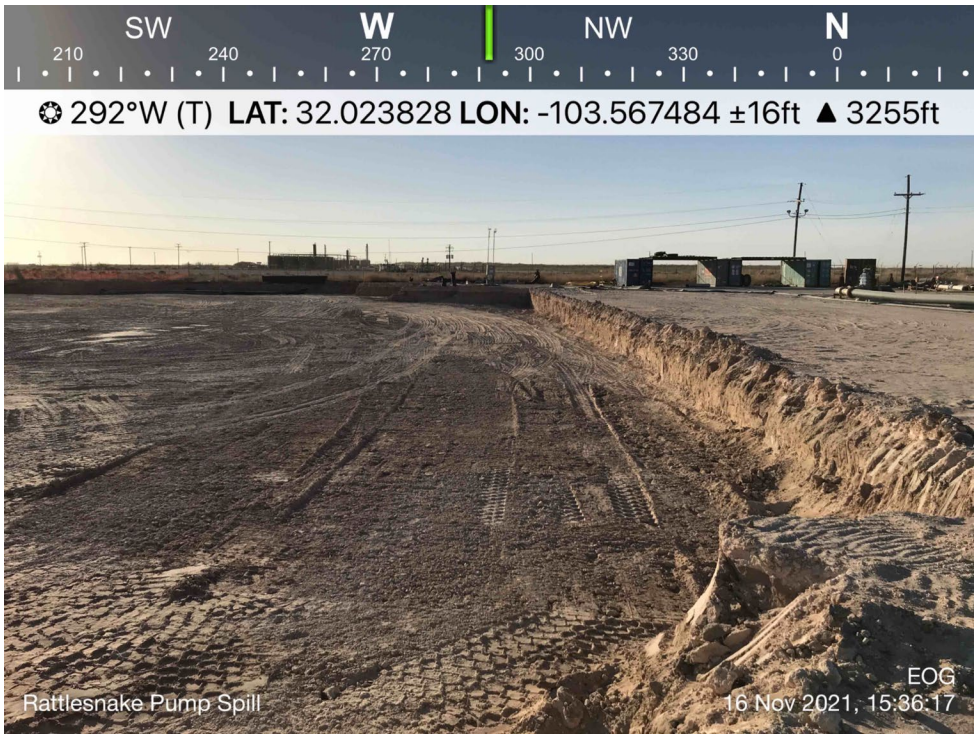
Remediated

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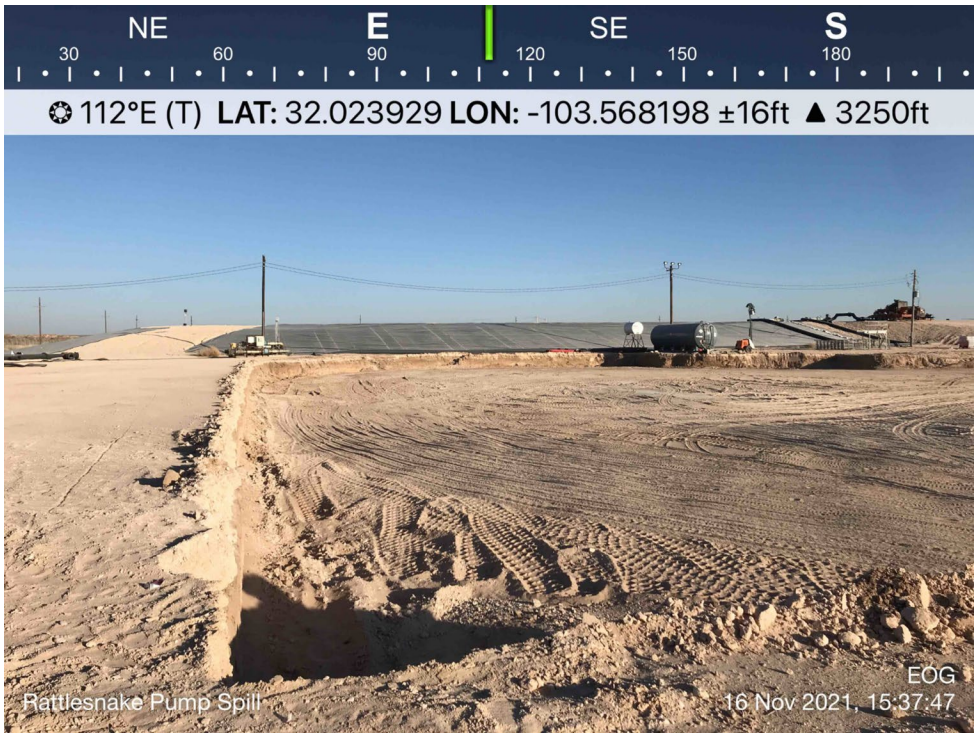
Photographic Documentation

EOG Resources
Redhills Rattlesnake Reuse Pit
Lea County, New Mexico

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View of Remediation – View Northwest



View of Remediation – View Southeast

EOG Resources
Redhills Rattlesnake Reuse Pit
Lea County, New Mexico

TETRA TECH



View of Remediation – View South



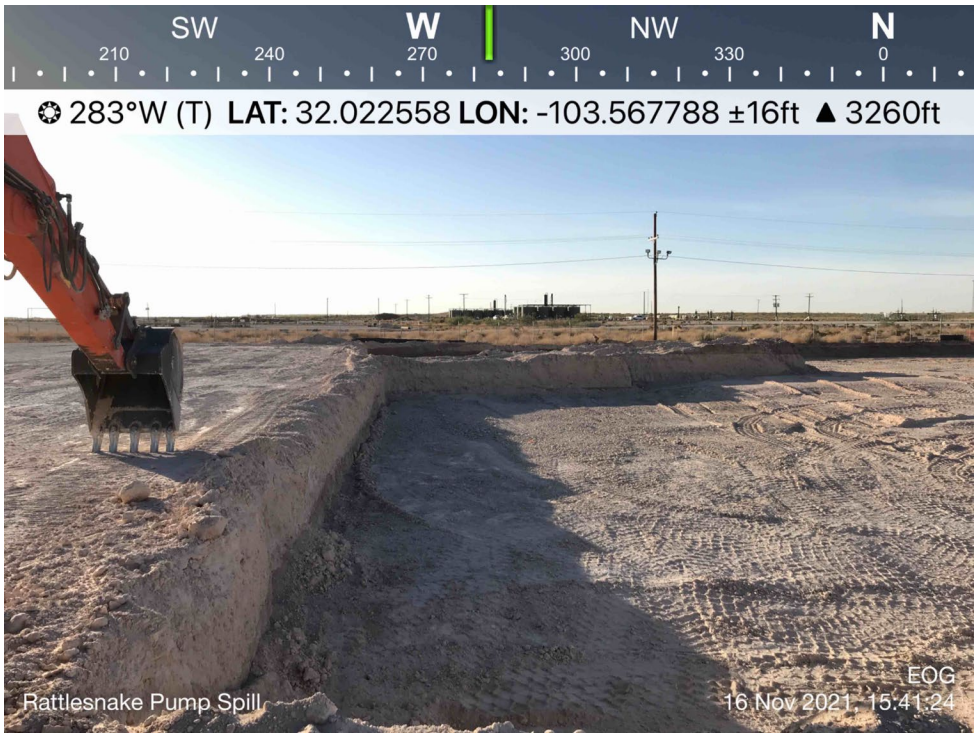
View of Remediation – View Northeast

EOG Resources
Redhills Rattlesnake Reuse Pit
Lea County, New Mexico

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View of Remediation – View South



View of Remediation – View West

TETRA TECH

Appendix A

C-141 Document

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

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2123839504
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)* nAPP2123839504
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.023535° Longitude -103.568026°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Redhills Rattlesnake Reuse Pit	Site Type Reuse Water Pit
Date Release Discovered 6/7/21	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
M	22	26S	33E	Lea

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

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) 7	Volume Recovered (bbls) 3
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: A drain valve on the volute of a pump came out and spilled produced water into a spill containment which overflowed onto the pad. Approximately 7 bbls of produced water released and 3 bbls was recovered.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2123839504
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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 8-26-21

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

OCD Only

Received by: Ramona Marcus Date: 8/26/2021

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature:_____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: _____ 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: _____

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Appendix B

Site Characterization Documents

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
	C 03577 POD1	3	3	3	22	26S	33E	636010	3543771

Driller License: 1654 **Driller Company:** NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC

Driller Name:

Drill Start Date:	11/19/2012	**Drill Finish Date:**	11/20/2012	**Plug Date:**	
Log File Date:	12/11/2012	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	35 GPM
Casing Size:	6.00	**Depth Well:**	750 feet	**Depth Water:**	110 feet

Water Bearing Stratifications:	Top	Bottom	Description
	95	150	Sandstone/Gravel/Conglomerate
	200	710	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	180	200
	690	750

Meter Number:	16570	**Meter Make:**	MASTERMETER
Meter Serial Number:	6985354	**Meter Multiplier:**	100.0000
Number of Dials:	6	**Meter Type:**	Diversion
Unit of Measure:	Gallons	**Return Flow Percent:**	
Usage Multiplier:		**Reading Frequency:**	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
04/01/2014	2014	123440	A	RPT		0	
07/01/2014	2014	160772	A	RPT		11.457	
10/01/2014	2014	193527	A	RPT		10.052	
12/31/2014	2014	237836	A	RPT		13.598	
02/01/2015	2015	247102	A	RPT		2.844	
03/02/2015	2015	260095	A	RPT		3.987	
04/01/2015	2015	268444	A	RPT		2.562	
04/30/2015	2015	284991	A	RPT		5.078	
05/31/2015	2015	296985	A	RPT		3.681	
07/01/2015	2015	313077	A	RPT		4.938	
08/01/2015	2015	321571	A	RPT		2.607	
08/31/2015	2015	333738	A	RPT		3.734	
10/01/2015	2015	340361	A	RPT		2.033	

**YTD Meter Amounts:	Year	Amount
	2014	35.107
	2015	31.464

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.

8/2/21 12:17 PM POINT OF DIVERSION SUMMARY

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320059103333501

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

USGS 320059103333501 26S.33E.27.21112

Lea County, New Mexico
Latitude 32°01'16.0", Longitude 103°33'33.9" NAD83
Land-surface elevation 3,252.00 feet above NGVD29
The depth of the well is 200 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) 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	? Measuring agency	? Source measu
1954-07-26		D	62610		3172.29	NGVD29	1	Z		
1954-07-26		D	62611		3173.87	NAVD88	1	Z		
1954-07-26		D	72019	79.71			1	Z		
1976-01-08		D	62610		3175.48	NGVD29	1	Z		
1976-01-08		D	62611		3177.06	NAVD88	1	Z		
1976-01-08		D	72019	76.52			1	Z		
1986-03-04		D	62610		3174.86	NGVD29	1	Z		
1986-03-04		D	62611		3176.44	NAVD88	1	Z		
1986-03-04		D	72019	77.14			1	Z		
1990-11-27		D	62610		3175.46	NGVD29	1	Z		
1990-11-27		D	62611		3177.04	NAVD88	1	Z		
1990-11-27		D	72019	76.54			1	Z		
1996-03-05		D	62610		3174.61	NGVD29	1	S		
1996-03-05		D	62611		3176.19	NAVD88	1	S		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1996-03-05		D	72019	77.39			1	S		
2001-02-27		D	62610		3175.40	NGVD29	1	S		
2001-02-27		D	62611		3176.98	NAVD88	1	S		
2001-02-27		D	72019	76.60			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
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.

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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: 2021-08-02 16:37:13 EDT
0.28 0.25 nadww01

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Page 40 of 642

New Mexico NFHL Data



August 2, 2021

1:18,056

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

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

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Medium Karst

OG Resources
attlesnake Pump Spill

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Legend

- High
- Low
- Medium
- Rattlesnake Pump Spill



Google Earth

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1000 ft

N

Water Well Data
Average Depth to Groundwater (ft)
EOG Resources
Rattlesnake Pump Spill
Lea County, New Mexico

25 South 32 East

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

25 South 33 East

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

25 South 34 East

6	5	4	3	2	1 260
7	8	9	10	11	12
18	17	16	15 135	14	13
19	20	21	22	23	24 300
30	29 129 50	28	27	26	25
31	32	33	34	35	36

26 South 32 East

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

26 South 33 East

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

26 South 34 East

6 130	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

TETRA TECH

Appendix C

Laboratory Reports

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 880-4539-1
Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: Rattlesnake Pump Spill

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

Attn: Clair Gonzales

Jkramer

Authorized for release by:
8/2/2021 10:49:00 AM

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

LINKS

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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: Rattlesnake Pump Spill

Laboratory Job ID: 880-4539-1
SDG: Lea County, New Mexico

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Client Sample Results 5
Surrogate Summary 16
QC Sample Results 18
QC Association Summary 25
Lab Chronicle 29
Certification Summary 33
Method Summary 34
Sample Summary 35
Chain of Custody 36
Receipt Checklists 38

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Job ID: 880-4539-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-4539-1

Receipt
The samples were received on 7/30/2021 1:41 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: AH-1 (0-1') (880-4539-1), AH-3 (0-1') (880-4539-3), AH-6 (0-1') (880-4539-6), AH-7 (0-1') (880-4539-7) and H-4 (0-0.5') (880-4539-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

HPLC/IC
Method 300_ORGFM_28D: Sample was inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-5886 and analytical batch 880-5944. The associated laboratory control sample (LCS) met acceptance criteria.

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

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: AH-1 (0-1') Lab Sample ID: 880-4539-1

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 14:45	08/01/21 01:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/30/21 14:45	08/01/21 01:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/30/21 14:45	08/01/21 01:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/30/21 14:45	08/01/21 01:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/30/21 14:45	08/01/21 01:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/30/21 14:45	08/01/21 01:10	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/30/21 14:45	08/01/21 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*07/30/21 14:45*	*08/01/21 01:10*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/30/21 14:45*	*08/01/21 01:10*	*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	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 06:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 06:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 06:50	1
Total TPH	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*07/31/21 11:55*	*08/01/21 06:50*	*1*
o-Terphenyl	*92*		*70 - 130*	*07/31/21 11:55*	*08/01/21 06:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.8**		4.95		mg/Kg			07/31/21 16:26	1

Client Sample ID: AH-2 (0-1') Lab Sample ID: 880-4539-2

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 14:45	08/01/21 01:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	08/01/21 01:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	08/01/21 01:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/30/21 14:45	08/01/21 01:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	08/01/21 01:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/30/21 14:45	08/01/21 01:31	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/30/21 14:45	08/01/21 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/30/21 14:45*	*08/01/21 01:31*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*07/30/21 14:45*	*08/01/21 01:31*	*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		07/31/21 11:55	08/01/21 11:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: AH-2 (0-1') Lab Sample ID: 880-4539-2

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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)	**1710**		49.9		mg/Kg		07/31/21 11:55	08/01/21 11:14	1
Oil Range Organics (Over C28-C36)	**223**		49.9		mg/Kg		07/31/21 11:55	08/01/21 11:14	1
Total TPH	**1930**		49.9		mg/Kg		07/31/21 11:55	08/01/21 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*16*	*S1-*	*70 - 130*	*07/31/21 11:55*	*08/01/21 11:14*	*1*
o-Terphenyl	*21*	*S1-*	*70 - 130*	*07/31/21 11:55*	*08/01/21 11:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**435**		5.02		mg/Kg			07/31/21 16:32	1

Client Sample ID: AH-3 (0-1') Lab Sample ID: 880-4539-3

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 14:45	08/01/21 02:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	08/01/21 02:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	08/01/21 02:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/30/21 14:45	08/01/21 02:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	08/01/21 02:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/30/21 14:45	08/01/21 02:52	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/30/21 14:45	08/01/21 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*07/30/21 14:45*	*08/01/21 02:52*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/30/21 14:45*	*08/01/21 02:52*	*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		07/31/21 11:55	08/01/21 07:32	1
Diesel Range Organics (Over C10-C28)	**118**		50.0		mg/Kg		07/31/21 11:55	08/01/21 07:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 07:32	1
Total TPH	**118**		50.0		mg/Kg		07/31/21 11:55	08/01/21 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*168*	*S1+*	*70 - 130*	*07/31/21 11:55*	*08/01/21 07:32*	*1*
o-Terphenyl	*182*	*S1+*	*70 - 130*	*07/31/21 11:55*	*08/01/21 07:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8720**	**F1**	99.6		mg/Kg			07/31/21 16:37	20

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: AH-4 (0-1') Lab Sample ID: 880-4539-4

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 14:45	08/01/21 03:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/30/21 14:45	08/01/21 03:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/30/21 14:45	08/01/21 03:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/30/21 14:45	08/01/21 03:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/30/21 14:45	08/01/21 03:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/30/21 14:45	08/01/21 03:12	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/30/21 14:45	08/01/21 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*07/30/21 14:45*	*08/01/21 03:12*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/30/21 14:45*	*08/01/21 03:12*	*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		07/31/21 11:55	08/01/21 07:53	1
Diesel Range Organics (Over C10-C28)	**110**		50.0		mg/Kg		07/31/21 11:55	08/01/21 07:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 07:53	1
Total TPH	**110**		50.0		mg/Kg		07/31/21 11:55	08/01/21 07:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*70*		*70 - 130*	*07/31/21 11:55*	*08/01/21 07:53*	*1*
o-Terphenyl	*75*		*70 - 130*	*07/31/21 11:55*	*08/01/21 07:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42800**		253		mg/Kg			07/31/21 16:53	50

Client Sample ID: AH-5 (0-1') Lab Sample ID: 880-4539-5

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 14:45	08/01/21 03:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/30/21 14:45	08/01/21 03:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/30/21 14:45	08/01/21 03:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/30/21 14:45	08/01/21 03:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/30/21 14:45	08/01/21 03:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/30/21 14:45	08/01/21 03:33	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/30/21 14:45	08/01/21 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*07/30/21 14:45*	*08/01/21 03:33*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/30/21 14:45*	*08/01/21 03:33*	*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	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 08:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: AH-5 (0-1') Lab Sample ID: 880-4539-5

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/31/21 11:55	08/01/21 08:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 08:24	1
Total TPH	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 08:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*07/31/21 11:55*	*08/01/21 08:24*	*1*
o-Terphenyl	*88*		*70 - 130*	*07/31/21 11:55*	*08/01/21 08:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1820**		24.9		mg/Kg			07/31/21 16:59	5

Client Sample ID: AH-6 (0-1') Lab Sample ID: 880-4539-6

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 14:45	08/01/21 03:53	1
Toluene	**0.00306**		0.00199		mg/Kg		07/30/21 14:45	08/01/21 03:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/30/21 14:45	08/01/21 03:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/30/21 14:45	08/01/21 03:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/30/21 14:45	08/01/21 03:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/30/21 14:45	08/01/21 03:53	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/30/21 14:45	08/01/21 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*07/30/21 14:45*	*08/01/21 03:53*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/30/21 14:45*	*08/01/21 03:53*	*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		07/31/21 11:55	08/01/21 08:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 08:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 08:45	1
Total TPH	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*07/31/21 11:55*	*08/01/21 08:45*	*1*
o-Terphenyl	*76*		*70 - 130*	*07/31/21 11:55*	*08/01/21 08:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2080**		24.9		mg/Kg			07/31/21 17:15	5

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: AH-7 (0-1')

Lab Sample ID: 880-4539-7
Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 14:45	08/01/21 04:13	1
Toluene	**0.00253**		0.00198		mg/Kg		07/30/21 14:45	08/01/21 04:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/30/21 14:45	08/01/21 04:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/30/21 14:45	08/01/21 04:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/30/21 14:45	08/01/21 04:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/30/21 14:45	08/01/21 04:13	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		07/30/21 14:45	08/01/21 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*07/30/21 14:45*	*08/01/21 04:13*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/30/21 14:45*	*08/01/21 04:13*	*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	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 09:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 09:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 09:07	1
Total TPH	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 09:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*07/31/21 11:55*	*08/01/21 09:07*	*1*
o-Terphenyl	*79*		*70 - 130*	*07/31/21 11:55*	*08/01/21 09:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3670**		24.8		mg/Kg			07/31/21 17:20	5

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-4539-8
Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 16:00	08/01/21 04:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 04:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 04:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/30/21 16:00	08/01/21 04:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 04:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/30/21 16:00	08/01/21 04:34	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/30/21 16:00	08/01/21 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*07/30/21 16:00*	*08/01/21 04:34*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/30/21 16:00*	*08/01/21 04:34*	*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	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 09:28	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5') Lab Sample ID: 880-4539-8

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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)	**53.6**		50.0		mg/Kg		07/31/21 11:55	08/01/21 09:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 09:28	1
Total TPH	**53.6**		50.0		mg/Kg		07/31/21 11:55	08/01/21 09:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*07/31/21 11:55*	*08/01/21 09:28*	*1*
o-Terphenyl	*79*		*70 - 130*	*07/31/21 11:55*	*08/01/21 09:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**192**		4.95		mg/Kg			07/31/21 17:26	1

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-4539-9

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 16:00	08/01/21 04:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 04:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 04:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/30/21 16:00	08/01/21 04:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 04:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/30/21 16:00	08/01/21 04:54	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/30/21 16:00	08/01/21 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*07/30/21 16:00*	*08/01/21 04:54*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/30/21 16:00*	*08/01/21 04:54*	*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		07/31/21 11:55	08/01/21 09:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 09:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 09:49	1
Total TPH	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 09:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*07/31/21 11:55*	*08/01/21 09:49*	*1*
o-Terphenyl	*94*		*70 - 130*	*07/31/21 11:55*	*08/01/21 09:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.8**		4.99		mg/Kg			07/31/21 17:31	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 880-4539-1
SDG: Lea County, New Mexico

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-4539-10
Matrix: Solid
Date Collected: 07/29/21 00:00
Date Received: 07/30/21 13:41

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		07/30/21 16:00	08/01/21 05:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 05:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 05:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/30/21 16:00	08/01/21 05:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 05:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/30/21 16:00	08/01/21 05:15	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/30/21 16:00	08/01/21 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*07/30/21 16:00*	*08/01/21 05:15*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/30/21 16:00*	*08/01/21 05:15*	*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	<49.9	U	49.9		mg/Kg		07/31/21 11:55	08/01/21 10:10	1
Diesel Range Organics (Over C10-C28)	**241**		49.9		mg/Kg		07/31/21 11:55	08/01/21 10:10	1
Oil Range Organics (Over C28-C36)	**80.6**		49.9		mg/Kg		07/31/21 11:55	08/01/21 10:10	1
Total TPH	**322**		49.9		mg/Kg		07/31/21 11:55	08/01/21 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*07/31/21 11:55*	*08/01/21 10:10*	*1*
o-Terphenyl	*88*		*70 - 130*	*07/31/21 11:55*	*08/01/21 10:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**689**		5.04		mg/Kg			07/31/21 17:36	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-4539-11
Matrix: Solid
Date Collected: 07/29/21 00:00
Date Received: 07/30/21 13:41

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		07/30/21 16:00	08/01/21 05:35	1
Toluene	**0.00298**		0.00201		mg/Kg		07/30/21 16:00	08/01/21 05:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/30/21 16:00	08/01/21 05:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/30/21 16:00	08/01/21 05:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/30/21 16:00	08/01/21 05:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/30/21 16:00	08/01/21 05:35	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/30/21 16:00	08/01/21 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/30/21 16:00*	*08/01/21 05:35*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*07/30/21 16:00*	*08/01/21 05:35*	*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	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 10:31	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-0.5') Lab Sample ID: 880-4539-11

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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)	**57.0**		50.0		mg/Kg		07/31/21 11:55	08/01/21 10:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 10:31	1
Total TPH	**57.0**		50.0		mg/Kg		07/31/21 11:55	08/01/21 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*07/31/21 11:55*	*08/01/21 10:31*	*1*
o-Terphenyl	*86*		*70 - 130*	*07/31/21 11:55*	*08/01/21 10:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**343**		4.98		mg/Kg			07/31/21 17:42	1

Client Sample ID: H-5 (0-0.5') Lab Sample ID: 880-4539-12

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 16:00	08/01/21 05:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 05:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 05:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/30/21 16:00	08/01/21 05:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/30/21 16:00	08/01/21 05:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/30/21 16:00	08/01/21 05:55	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/30/21 16:00	08/01/21 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*07/30/21 16:00*	*08/01/21 05:55*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/30/21 16:00*	*08/01/21 05:55*	*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	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 10:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 10:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 10:53	1
Total TPH	<50.0	U	50.0		mg/Kg		07/31/21 11:55	08/01/21 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*07/31/21 11:55*	*08/01/21 10:53*	*1*
o-Terphenyl	*73*		*70 - 130*	*07/31/21 11:55*	*08/01/21 10:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**404**		5.00		mg/Kg			07/31/21 17:47	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 880-4539-1
SDG: Lea County, New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-4539-13
Matrix: Solid
Date Collected: 07/29/21 00:00
Date Received: 07/30/21 13:41

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		07/30/21 15:00	08/01/21 02:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/30/21 15:00	08/01/21 02:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/30/21 15:00	08/01/21 02:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/30/21 15:00	08/01/21 02:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/30/21 15:00	08/01/21 02:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/30/21 15:00	08/01/21 02:14	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/30/21 15:00	08/01/21 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*07/30/21 15:00*	*08/01/21 02:14*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/30/21 15:00*	*08/01/21 02:14*	*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		07/31/21 10:49	08/01/21 17:46	1
Diesel Range Organics (Over C10-C28)	**87.8**		50.0		mg/Kg		07/31/21 10:49	08/01/21 17:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 10:49	08/01/21 17:46	1
Total TPH	**87.8**		50.0		mg/Kg		07/31/21 10:49	08/01/21 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*07/31/21 10:49*	*08/01/21 17:46*	*1*
o-Terphenyl	*97*		*70 - 130*	*07/31/21 10:49*	*08/01/21 17:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		4.95		mg/Kg			07/31/21 20:40	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-4539-14
Matrix: Solid
Date Collected: 07/29/21 00:00
Date Received: 07/30/21 13:41

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		07/30/21 15:00	08/01/21 02:35	1
Toluene	**0.00757**		0.00200		mg/Kg		07/30/21 15:00	08/01/21 02:35	1
Ethylbenzene	**0.00619**		0.00200		mg/Kg		07/30/21 15:00	08/01/21 02:35	1
m-Xylene & p-Xylene	**0.00757**		0.00400		mg/Kg		07/30/21 15:00	08/01/21 02:35	1
o-Xylene	**0.00266**		0.00200		mg/Kg		07/30/21 15:00	08/01/21 02:35	1
Xylenes, Total	**0.0102**		0.00400		mg/Kg		07/30/21 15:00	08/01/21 02:35	1
Total BTEX	**0.0240**		0.00400		mg/Kg		07/30/21 15:00	08/01/21 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*174*	*S1+*	*70 - 130*	*07/30/21 15:00*	*08/01/21 02:35*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/30/21 15:00*	*08/01/21 02:35*	*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		07/31/21 10:49	08/01/21 18:06	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5') Lab Sample ID: 880-4539-14

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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)	**126**		49.9		mg/Kg		07/31/21 10:49	08/01/21 18:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/31/21 10:49	08/01/21 18:06	1
Total TPH	**126**		49.9		mg/Kg		07/31/21 10:49	08/01/21 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*07/31/21 10:49*	*08/01/21 18:06*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/31/21 10:49*	*08/01/21 18:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.0**		4.95		mg/Kg			07/31/21 20:45	1

Client Sample ID: H-8 (0-0.5') Lab Sample ID: 880-4539-15

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

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		07/30/21 15:00	08/01/21 02:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/30/21 15:00	08/01/21 02:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/30/21 15:00	08/01/21 02:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/30/21 15:00	08/01/21 02:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/30/21 15:00	08/01/21 02:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/30/21 15:00	08/01/21 02:55	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/30/21 15:00	08/01/21 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/30/21 15:00*	*08/01/21 02:55*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/30/21 15:00*	*08/01/21 02:55*	*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	<50.0	U	50.0		mg/Kg		07/31/21 10:49	08/01/21 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/31/21 10:49	08/01/21 18:48	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 10:49	08/01/21 18:48	1
Total TPH	<50.0	U	50.0		mg/Kg		07/31/21 10:49	08/01/21 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*07/31/21 10:49*	*08/01/21 18:48*	*1*
o-Terphenyl	*103*		*70 - 130*	*07/31/21 10:49*	*08/01/21 18:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**302**		5.02		mg/Kg			07/31/21 20:50	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 880-4539-1
SDG: Lea County, New Mexico

Client Sample ID: H-9 (0-0.5')

Date Collected: 07/29/21 00:00
Date Received: 07/30/21 13:41

Lab Sample ID: 880-4539-16

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/30/21 15:00	08/01/21 03:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/30/21 15:00	08/01/21 03:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/30/21 15:00	08/01/21 03:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/30/21 15:00	08/01/21 03:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/30/21 15:00	08/01/21 03:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/30/21 15:00	08/01/21 03:16	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/30/21 15:00	08/01/21 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*07/30/21 15:00*	*08/01/21 03:16*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/30/21 15:00*	*08/01/21 03:16*	*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		07/31/21 10:49	08/01/21 19:09	1
Diesel Range Organics (Over C10-C28)	**54.3**		50.0		mg/Kg		07/31/21 10:49	08/01/21 19:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 10:49	08/01/21 19:09	1
Total TPH	**54.3**		50.0		mg/Kg		07/31/21 10:49	08/01/21 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*07/31/21 10:49*	*08/01/21 19:09*	*1*
o-Terphenyl	*94*		*70 - 130*	*07/31/21 10:49*	*08/01/21 19:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**392**		4.98		mg/Kg			07/31/21 20:56	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 880-4539-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-4538-A-31-C MS	Matrix Spike	118	107
880-4538-A-31-D MSD	Matrix Spike Duplicate	116	111
880-4539-1	AH-1 (0-1')	137 S1+	104
880-4539-2	AH-2 (0-1')	107	112
880-4539-3	AH-3 (0-1')	133 S1+	103
880-4539-4	AH-4 (0-1')	119	94
880-4539-5	AH-5 (0-1')	142 S1+	104
880-4539-6	AH-6 (0-1')	128	88
880-4539-7	AH-7 (0-1')	133 S1+	95
880-4539-8	H-1 (0-0.5')	130	99
880-4539-9	H-2 (0-0.5')	128	90
880-4539-10	H-3 (0-0.5')	127	89
880-4539-11	H-4 (0-0.5')	98	84
880-4539-12	H-5 (0-0.5')	122	92
880-4539-13	H-6 (0-0.5')	121	90
880-4539-13 MS	H-6 (0-0.5')	102	92
880-4539-13 MSD	H-6 (0-0.5')	103	88
880-4539-14	H-7 (0-0.5')	174 S1+	85
880-4539-15	H-8 (0-0.5')	114	96
880-4539-16	H-9 (0-0.5')	119	93
LCS 880-5890/1-A	Lab Control Sample	98	91
LCS 880-5892/1-A	Lab Control Sample	117	109
LCSD 880-5890/2-A	Lab Control Sample Dup	98	91
LCSD 880-5892/2-A	Lab Control Sample Dup	124	107
MB 880-5841/5-A	Method Blank	113	95
MB 880-5842/5-A	Method Blank	110	94
MB 880-5890/5-A	Method Blank	119	90
MB 880-5892/5-A	Method Blank	129	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-4538-A-31-H MS	Matrix Spike	99	92
880-4538-A-31-I MSD	Matrix Spike Duplicate	99	93
880-4539-1	AH-1 (0-1')	90	92
880-4539-2	AH-2 (0-1')	16 S1-	21 S1-
880-4539-3	AH-3 (0-1')	168 S1+	182 S1+
880-4539-4	AH-4 (0-1')	70	75
880-4539-5	AH-5 (0-1')	83	88
880-4539-6	AH-6 (0-1')	73	76
880-4539-7	AH-7 (0-1')	78	79
880-4539-8	H-1 (0-0.5')	82	79
880-4539-9	H-2 (0-0.5')	91	94

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-4539-10	H-3 (0-0.5')	85	88								
880-4539-11	H-4 (0-0.5')	83	86								
880-4539-12	H-5 (0-0.5')	71	73								
880-4539-13	H-6 (0-0.5')	92	97								
880-4539-14	H-7 (0-0.5')	101	105								
880-4539-15	H-8 (0-0.5')	101	103								
880-4539-16	H-9 (0-0.5')	87	94								
LCS 880-5924/2-A	Lab Control Sample	100	107								
LCSD 880-5924/3-A	Lab Control Sample Dup	108	115								
MB 880-5924/1-A	Method Blank	92	111								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 880-4539-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-5841/5-A
Matrix: Solid
Analysis Batch: 5877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/21 16:47	07/31/21 14:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 16:47	07/31/21 14:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 16:47	07/31/21 14:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 16:47	07/31/21 14:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 16:47	07/31/21 14:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 16:47	07/31/21 14:10	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/29/21 16:47	07/31/21 14:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/29/21 16:47*	*07/31/21 14:10*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/29/21 16:47*	*07/31/21 14:10*	*1*

Lab Sample ID: MB 880-5842/5-A
Matrix: Solid
Analysis Batch: 5858

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5842

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/21 16:50	07/31/21 11:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/21 16:50	07/31/21 11:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/21 16:50	07/31/21 11:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/21 16:50	07/31/21 11:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/21 16:50	07/31/21 11:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/21 16:50	07/31/21 11:13	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/29/21 16:50	07/31/21 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/29/21 16:50*	*07/31/21 11:13*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/29/21 16:50*	*07/31/21 11:13*	*1*

Lab Sample ID: MB 880-5890/5-A
Matrix: Solid
Analysis Batch: 5877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/30/21 15:00	08/01/21 01:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/30/21 15:00	08/01/21 01:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/30/21 15:00	08/01/21 01:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/30/21 15:00	08/01/21 01:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/30/21 15:00	08/01/21 01:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/30/21 15:00	08/01/21 01:46	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/30/21 15:00	08/01/21 01:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*07/30/21 15:00*	*08/01/21 01:46*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/30/21 15:00*	*08/01/21 01:46*	*1*

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-5890/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5877 **Prep Batch: 5890**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.09037		mg/Kg		90	70 - 130		
Toluene			0.100	0.1104		mg/Kg		110	70 - 130		
Ethylbenzene			0.100	0.1063		mg/Kg		106	70 - 130		
m-Xylene & p-Xylene			0.200	0.2151		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1010		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-5890/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5877 **Prep Batch: 5890**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09374		mg/Kg		94	70 - 130	4	35
Toluene			0.100	0.1098		mg/Kg		110	70 - 130	1	35
Ethylbenzene			0.100	0.1081		mg/Kg		108	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2184		mg/Kg		109	70 - 130	1	35
o-Xylene			0.100	0.1030		mg/Kg		103	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 880-4539-13 MS **Client Sample ID: H-6 (0-0.5')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5877 **Prep Batch: 5890**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00201	U	0.0998	0.08966		mg/Kg		90	70 - 130		
Toluene	<0.00201	U	0.0998	0.1045		mg/Kg		105	70 - 130		
Ethylbenzene	<0.00201	U	0.0998	0.09470		mg/Kg		94	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1910		mg/Kg		95	70 - 130		
o-Xylene	<0.00201	U	0.0998	0.09009		mg/Kg		90	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-4539-13 MSD **Client Sample ID: H-6 (0-0.5')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5877 **Prep Batch: 5890**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.08114		mg/Kg		81	70 - 130	10	35
Toluene	<0.00201	U	0.0996	0.09558		mg/Kg		96	70 - 130	9	35
Ethylbenzene	<0.00201	U	0.0996	0.08856		mg/Kg		88	70 - 130	7	35

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

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

Lab Sample ID: 880-4539-13 MSD **Client Sample ID: H-6 (0-0.5')**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5877 **Prep Batch: 5890**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1794		mg/Kg		89	70 - 130	6	35
o-Xylene	<0.00201	U	0.0996	0.08528		mg/Kg		85	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: MB 880-5892/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5858 **Prep Batch: 5892**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	07/31/21 22:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	07/31/21 22:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	07/31/21 22:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/30/21 14:45	07/31/21 22:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/30/21 14:45	07/31/21 22:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/30/21 14:45	07/31/21 22:05	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/30/21 14:45	07/31/21 22:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*07/30/21 14:45*	*07/31/21 22:05*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/30/21 14:45*	*07/31/21 22:05*	*1*

Lab Sample ID: LCS 880-5892/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5858 **Prep Batch: 5892**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1135		mg/Kg		113	70 - 130
Toluene	0.100	0.1101		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.09776		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2011		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09267		mg/Kg		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-5892/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5858 **Prep Batch: 5892**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1155		mg/Kg		116	70 - 130	2	35
Toluene	0.100	0.1131		mg/Kg		113	70 - 130	3	35
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2118		mg/Kg		106	70 - 130	5	35

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-5892/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5858 **Prep Batch: 5892**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene			0.100	0.1001		mg/Kg		100	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-4538-A-31-C MS **Client Sample ID: Matrix Spike**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5858 **Prep Batch: 5892**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.100	0.07484		mg/Kg		75	70 - 130
Toluene	<0.00199	U	0.100	0.07205		mg/Kg		71	70 - 130
Ethylbenzene	<0.00199	U F1	0.100	0.05820	F1	mg/Kg		58	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1179	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00199	U F1	0.100	0.05426	F1	mg/Kg		54	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-4538-A-31-D MSD **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5858 **Prep Batch: 5892**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.08776		mg/Kg		88	70 - 130	16	35
Toluene	<0.00199	U	0.0996	0.08270		mg/Kg		82	70 - 130	14	35
Ethylbenzene	<0.00199	U F1	0.0996	0.06933		mg/Kg		70	70 - 130	17	35
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1423		mg/Kg		71	70 - 130	19	35
o-Xylene	<0.00199	U F1	0.0996	0.07231		mg/Kg		73	70 - 130	29	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

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

Lab Sample ID: MB 880-5924/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5934 **Prep Batch: 5924**

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		07/31/21 10:49	08/01/21 13:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/31/21 10:49	08/01/21 13:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/31/21 10:49	08/01/21 13:13	1
Total TPH	<50.0	U	50.0		mg/Kg		07/31/21 10:49	08/01/21 13:13	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 880-4539-1
SDG: Lea County, New Mexico

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	07/31/21 10:49	08/01/21 13:13	1
o-Terphenyl	111		70 - 130	07/31/21 10:49	08/01/21 13:13	1

Lab Sample ID: LCS 880-5924/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 5934 — **Prep Batch: 5924**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	975.2		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1070		mg/Kg		107	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: LCSD 880-5924/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 5934 — **Prep Batch: 5924**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	915.4		mg/Kg		92	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	1119		mg/Kg		112	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 880-4538-A-31-H MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 5934 — **Prep Batch: 5924**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	954.8		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	55.3		996	1127		mg/Kg		108	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 880-4538-A-31-I MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 5934 — **Prep Batch: 5924**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	971.9		mg/Kg		95	70 - 130	2	20

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

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

Lab Sample ID: 880-4538-A-31-I MSD **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 5934 **Prep Batch: 5924**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	55.3		996	1143		mg/Kg		109	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*99*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-5886/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5944

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/31/21 15:05	1

Lab Sample ID: LCS 880-5886/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5944

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	238.6		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-5886/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5944

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	239.0		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-4539-3 MS **Client Sample ID: AH-3 (0-1')**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5944

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	8720	F1	4980	5075	F1	mg/Kg		-73	90 - 110

Lab Sample ID: 880-4539-3 MSD **Client Sample ID: AH-3 (0-1')**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5944

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	8720	F1	4980	5084	F1	mg/Kg		-73	90 - 110	0	20

Lab Sample ID: MB 880-5894/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5945

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/31/21 18:14	1

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QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-5894/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5945

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	241.7		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-5894/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5945

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	241.9		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-4538-A-11-C MS **Client Sample ID: Matrix Spike**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5945

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	302		250	552.4		mg/Kg		100	90 - 110		

Lab Sample ID: 880-4538-A-11-D MSD **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 5945

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	302		250	553.9		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

GC VOA

Prep Batch: 5841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-5841/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 5842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-5842/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 5858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-1	AH-1 (0-1')	Total/NA	Solid	8021B	5892
880-4539-2	AH-2 (0-1')	Total/NA	Solid	8021B	5892
880-4539-3	AH-3 (0-1')	Total/NA	Solid	8021B	5892
880-4539-4	AH-4 (0-1')	Total/NA	Solid	8021B	5892
880-4539-5	AH-5 (0-1')	Total/NA	Solid	8021B	5892
880-4539-6	AH-6 (0-1')	Total/NA	Solid	8021B	5892
880-4539-7	AH-7 (0-1')	Total/NA	Solid	8021B	5892
880-4539-8	H-1 (0-0.5')	Total/NA	Solid	8021B	5892
880-4539-9	H-2 (0-0.5')	Total/NA	Solid	8021B	5892
880-4539-10	H-3 (0-0.5')	Total/NA	Solid	8021B	5892
880-4539-11	H-4 (0-0.5')	Total/NA	Solid	8021B	5892
880-4539-12	H-5 (0-0.5')	Total/NA	Solid	8021B	5892
MB 880-5842/5-A	Method Blank	Total/NA	Solid	8021B	5842
MB 880-5892/5-A	Method Blank	Total/NA	Solid	8021B	5892
LCS 880-5892/1-A	Lab Control Sample	Total/NA	Solid	8021B	5892
LCSD 880-5892/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5892
880-4538-A-31-C MS	Matrix Spike	Total/NA	Solid	8021B	5892
880-4538-A-31-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	5892

Analysis Batch: 5877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-13	H-6 (0-0.5')	Total/NA	Solid	8021B	5890
880-4539-14	H-7 (0-0.5')	Total/NA	Solid	8021B	5890
880-4539-15	H-8 (0-0.5')	Total/NA	Solid	8021B	5890
880-4539-16	H-9 (0-0.5')	Total/NA	Solid	8021B	5890
MB 880-5841/5-A	Method Blank	Total/NA	Solid	8021B	5841
MB 880-5890/5-A	Method Blank	Total/NA	Solid	8021B	5890
LCS 880-5890/1-A	Lab Control Sample	Total/NA	Solid	8021B	5890
LCSD 880-5890/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5890
880-4539-13 MS	H-6 (0-0.5')	Total/NA	Solid	8021B	5890
880-4539-13 MSD	H-6 (0-0.5')	Total/NA	Solid	8021B	5890

Prep Batch: 5890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-13	H-6 (0-0.5')	Total/NA	Solid	5035	
880-4539-14	H-7 (0-0.5')	Total/NA	Solid	5035	
880-4539-15	H-8 (0-0.5')	Total/NA	Solid	5035	
880-4539-16	H-9 (0-0.5')	Total/NA	Solid	5035	
MB 880-5890/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5890/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5890/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4539-13 MS	H-6 (0-0.5')	Total/NA	Solid	5035	
880-4539-13 MSD	H-6 (0-0.5')	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

GC VOA

Prep Batch: 5892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-1	AH-1 (0-1')	Total/NA	Solid	5035	
880-4539-2	AH-2 (0-1')	Total/NA	Solid	5035	
880-4539-3	AH-3 (0-1')	Total/NA	Solid	5035	
880-4539-4	AH-4 (0-1')	Total/NA	Solid	5035	
880-4539-5	AH-5 (0-1')	Total/NA	Solid	5035	
880-4539-6	AH-6 (0-1')	Total/NA	Solid	5035	
880-4539-7	AH-7 (0-1')	Total/NA	Solid	5035	
880-4539-8	H-1 (0-0.5')	Total/NA	Solid	5035	
880-4539-9	H-2 (0-0.5')	Total/NA	Solid	5035	
880-4539-10	H-3 (0-0.5')	Total/NA	Solid	5035	
880-4539-11	H-4 (0-0.5')	Total/NA	Solid	5035	
880-4539-12	H-5 (0-0.5')	Total/NA	Solid	5035	
MB 880-5892/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5892/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5892/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4538-A-31-C MS	Matrix Spike	Total/NA	Solid	5035	
880-4538-A-31-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 5917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-1	AH-1 (0-1')	Total/NA	Solid	8015B NM	5927
880-4539-2	AH-2 (0-1')	Total/NA	Solid	8015B NM	5927
880-4539-3	AH-3 (0-1')	Total/NA	Solid	8015B NM	5927
880-4539-4	AH-4 (0-1')	Total/NA	Solid	8015B NM	5927
880-4539-5	AH-5 (0-1')	Total/NA	Solid	8015B NM	5927
880-4539-6	AH-6 (0-1')	Total/NA	Solid	8015B NM	5927
880-4539-7	AH-7 (0-1')	Total/NA	Solid	8015B NM	5927
880-4539-8	H-1 (0-0.5')	Total/NA	Solid	8015B NM	5927
880-4539-9	H-2 (0-0.5')	Total/NA	Solid	8015B NM	5927
880-4539-10	H-3 (0-0.5')	Total/NA	Solid	8015B NM	5927
880-4539-11	H-4 (0-0.5')	Total/NA	Solid	8015B NM	5927
880-4539-12	H-5 (0-0.5')	Total/NA	Solid	8015B NM	5927

Prep Batch: 5924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-13	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-4539-14	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-4539-15	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-4539-16	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-5924/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5924/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5924/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-4538-A-31-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-4538-A-31-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 5927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-1	AH-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-4539-2	AH-2 (0-1')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 5927 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-3	AH-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-4539-4	AH-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-4539-5	AH-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-4539-6	AH-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-4539-7	AH-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-4539-8	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-4539-9	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-4539-10	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-4539-11	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-4539-12	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 5934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-13	H-6 (0-0.5')	Total/NA	Solid	8015B NM	5924
880-4539-14	H-7 (0-0.5')	Total/NA	Solid	8015B NM	5924
880-4539-15	H-8 (0-0.5')	Total/NA	Solid	8015B NM	5924
880-4539-16	H-9 (0-0.5')	Total/NA	Solid	8015B NM	5924
MB 880-5924/1-A	Method Blank	Total/NA	Solid	8015B NM	5924
LCS 880-5924/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5924
LCSD 880-5924/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5924
880-4538-A-31-H MS	Matrix Spike	Total/NA	Solid	8015B NM	5924
880-4538-A-31-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	5924

HPLC/IC

Leach Batch: 5886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-1	AH-1 (0-1')	Soluble	Solid	DI Leach	
880-4539-2	AH-2 (0-1')	Soluble	Solid	DI Leach	
880-4539-3	AH-3 (0-1')	Soluble	Solid	DI Leach	
880-4539-4	AH-4 (0-1')	Soluble	Solid	DI Leach	
880-4539-5	AH-5 (0-1')	Soluble	Solid	DI Leach	
880-4539-6	AH-6 (0-1')	Soluble	Solid	DI Leach	
880-4539-7	AH-7 (0-1')	Soluble	Solid	DI Leach	
880-4539-8	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-4539-9	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-4539-10	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-4539-11	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-4539-12	H-5 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-5886/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5886/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5886/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4539-3 MS	AH-3 (0-1')	Soluble	Solid	DI Leach	
880-4539-3 MSD	AH-3 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 5894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-13	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-4539-14	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-4539-15	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-4539-16	H-9 (0-0.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 5894 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-5894/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5894/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5894/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4538-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-4538-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 5944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-1	AH-1 (0-1')	Soluble	Solid	300.0	5886
880-4539-2	AH-2 (0-1')	Soluble	Solid	300.0	5886
880-4539-3	AH-3 (0-1')	Soluble	Solid	300.0	5886
880-4539-4	AH-4 (0-1')	Soluble	Solid	300.0	5886
880-4539-5	AH-5 (0-1')	Soluble	Solid	300.0	5886
880-4539-6	AH-6 (0-1')	Soluble	Solid	300.0	5886
880-4539-7	AH-7 (0-1')	Soluble	Solid	300.0	5886
880-4539-8	H-1 (0-0.5')	Soluble	Solid	300.0	5886
880-4539-9	H-2 (0-0.5')	Soluble	Solid	300.0	5886
880-4539-10	H-3 (0-0.5')	Soluble	Solid	300.0	5886
880-4539-11	H-4 (0-0.5')	Soluble	Solid	300.0	5886
880-4539-12	H-5 (0-0.5')	Soluble	Solid	300.0	5886
MB 880-5886/1-A	Method Blank	Soluble	Solid	300.0	5886
LCS 880-5886/2-A	Lab Control Sample	Soluble	Solid	300.0	5886
LCSD 880-5886/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5886
880-4539-3 MS	AH-3 (0-1')	Soluble	Solid	300.0	5886
880-4539-3 MSD	AH-3 (0-1')	Soluble	Solid	300.0	5886

Analysis Batch: 5945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4539-13	H-6 (0-0.5')	Soluble	Solid	300.0	5894
880-4539-14	H-7 (0-0.5')	Soluble	Solid	300.0	5894
880-4539-15	H-8 (0-0.5')	Soluble	Solid	300.0	5894
880-4539-16	H-9 (0-0.5')	Soluble	Solid	300.0	5894
MB 880-5894/1-A	Method Blank	Soluble	Solid	300.0	5894
LCS 880-5894/2-A	Lab Control Sample	Soluble	Solid	300.0	5894
LCSD 880-5894/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5894
880-4538-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	5894
880-4538-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	5894

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: AH-1 (0-1') Lab Sample ID: 880-4539-1

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5892	07/30/21 14:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 01:10	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 06:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			5944	07/31/21 16:26	CH	XEN MID

Client Sample ID: AH-2 (0-1') Lab Sample ID: 880-4539-2

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5892	07/30/21 14:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 01:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 11:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			5944	07/31/21 16:32	CH	XEN MID

Client Sample ID: AH-3 (0-1') Lab Sample ID: 880-4539-3

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5892	07/30/21 14:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 02:52	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 07:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		20			5944	07/31/21 16:37	CH	XEN MID

Client Sample ID: AH-4 (0-1') Lab Sample ID: 880-4539-4

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	5892	07/30/21 14:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 03:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 07:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		50			5944	07/31/21 16:53	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: AH-5 (0-1') Lab Sample ID: 880-4539-5

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5892	07/30/21 14:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 03:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 08:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		5			5944	07/31/21 16:59	CH	XEN MID

Client Sample ID: AH-6 (0-1') Lab Sample ID: 880-4539-6

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5892	07/30/21 14:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 03:53	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 08:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		5			5944	07/31/21 17:15	CH	XEN MID

Client Sample ID: AH-7 (0-1') Lab Sample ID: 880-4539-7

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	5892	07/30/21 14:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 04:13	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 09:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		5			5944	07/31/21 17:20	CH	XEN MID

Client Sample ID: H-1 (0-0.5') Lab Sample ID: 880-4539-8

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5892	07/30/21 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 04:34	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 09:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			5944	07/31/21 17:26	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-4539-9

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5892	07/30/21 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 04:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 09:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			5944	07/31/21 17:31	CH	XEN MID

Client Sample ID: H-3 (0-0.5') Lab Sample ID: 880-4539-10

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5892	07/30/21 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 05:15	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 10:10	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			5944	07/31/21 17:36	CH	XEN MID

Client Sample ID: H-4 (0-0.5') Lab Sample ID: 880-4539-11

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	5892	07/30/21 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 05:35	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 10:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			5944	07/31/21 17:42	CH	XEN MID

Client Sample ID: H-5 (0-0.5') Lab Sample ID: 880-4539-12

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5892	07/30/21 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5858	08/01/21 05:55	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5927	07/31/21 11:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5917	08/01/21 10:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	5886	07/30/21 14:00	CH	XEN MID
Soluble	Analysis	300.0		1			5944	07/31/21 17:47	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

Client Sample ID: H-6 (0-0.5') Lab Sample ID: 880-4539-13

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	5890	07/30/21 15:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5877	08/01/21 02:14	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5924	07/31/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5934	08/01/21 17:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5894	07/30/21 14:14	CH	XEN MID
Soluble	Analysis	300.0		1			5945	07/31/21 20:40	CH	XEN MID

Client Sample ID: H-7 (0-0.5') Lab Sample ID: 880-4539-14

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5890	07/30/21 15:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5877	08/01/21 02:35	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5924	07/31/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5934	08/01/21 18:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5894	07/30/21 14:14	CH	XEN MID
Soluble	Analysis	300.0		1			5945	07/31/21 20:45	CH	XEN MID

Client Sample ID: H-8 (0-0.5') Lab Sample ID: 880-4539-15

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5890	07/30/21 15:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5877	08/01/21 02:55	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5924	07/31/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5934	08/01/21 18:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5894	07/30/21 14:14	CH	XEN MID
Soluble	Analysis	300.0		1			5945	07/31/21 20:50	CH	XEN MID

Client Sample ID: H-9 (0-0.5') Lab Sample ID: 880-4539-16

Date Collected: 07/29/21 00:00 **Matrix: Solid**
Date Received: 07/30/21 13:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5890	07/30/21 15:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5877	08/01/21 03:16	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5924	07/31/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5934	08/01/21 19:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5894	07/30/21 14:14	CH	XEN MID
Soluble	Analysis	300.0		1			5945	07/31/21 20:56	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

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	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc. Job ID: 880-4539-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 880-4539-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-4539-1	AH-1 (0-1')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-2	AH-2 (0-1')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-3	AH-3 (0-1')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-4	AH-4 (0-1')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-5	AH-5 (0-1')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-6	AH-6 (0-1')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-7	AH-7 (0-1')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-8	H-1 (0-0.5')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-9	H-2 (0-0.5')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-10	H-3 (0-0.5')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-11	H-4 (0-0.5')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-12	H-5 (0-0.5')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-13	H-6 (0-0.5')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-14	H-7 (0-0.5')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-15	H-8 (0-0.5')	Solid	07/29/21 00:00	07/30/21 13:41
880-4539-16	H-9 (0-0.5')	Solid	07/29/21 00:00	07/30/21 13:41

Page 80 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

880-4539 Chain of Custody

880-4539

8/2/2021

Client Name	EOG Resources
Site Manager	Brittany Long
Project Name	Rattlesnake Pump Spill
Project Location (county, state)	Lea County, New Mexico
Project #	212C-MD-02560
Invoice to	Galan Kelley
Receiving Laboratory	Eurofins
Sampler Signature	Marvin Dunbar
Comments	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol 8260B / 624	GC/MS Semi Vol 8270C/625	PCB s 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	AH-1 (0-1')	7/29/2021			X			X	1		X		X													X										
	AH-2 (0-1')	7/29/2021			X			X	1		X		X													X										
	AH-3 (0-1')	7/29/2021			X			X	1		X		X													X										
	AH-4 (0-1')	7/29/2021			X			X	1		X		X													X										
	AH-5 (0-1')	7/29/2021			X			X	1		X		X													X										
	AH-6 (0-1')	7/29/2021			X			X	1		X		X													X										
	AH-7 (0-1')	7/29/2021			X			X	1		X		X													X										
	H-1 (0-0 5')	7/29/2021			X			X	1		X		X													X										
	H-2 (0-0 5')	7/29/2021			X			X	1		X		X													X										
	H-3 (0-0 5')	7/29/2021			X			X	1		X		X													X										

Relinquished by:	Date 7/30/21	Time 1315	Received by:
Relinquished by	Date	Time	Received by:
Relinquished by	Date	Time	Received by

	Date	Time	
	Date	Time	
	Date	Time	

LAB USE ONLY

Sample Temperature

REMARKS:

- [X] RUSH Same Day (24 hr) 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #

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Page 36 of 38

Received by OCD: 1/4/2022 9:16:11 AM

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Page 81 of 642

Analysis Request of Chain of Custody Record

8/2/2021

Tetra Tech, Inc.

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

880-45539

Client Name	EOG Resources	**Site Manager**	Brittany Long
Project Name	Rattlesnake Pump Spill		
Project Location (county, state)	Lea County, New Mexico	**Project #**	212C-MD-02560
Invoice to	Galan Kelley		
Receiving Laboratory	Eurofins	**Sampler Signature**	Marvin Dunbar
Comments			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO DRO - ORO MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol 8260B / 624	GC/MS Semi Vol 8270C/625	PCB s 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	H-4 (0-0 5')	7/29/2021			X			X	1		X		X												X								
	H-5 (0-0 5')	7/29/2021			X			X	1		X		X												X								
	H-6 (0-0 5')	7/29/2021			X			X	1		X		X												X								
	H-7 (0-0 5')	7/29/2021			X			X	1		X		X												X								
	H-8 (0-0 5')	7/29/2021			X			X	1		X		X												X								
	H-9 (0-0 5')	7/29/2021			X			X	1		X		X												X								

Relinquished by	Date	Time	Received by Date Time
Relinquished by	Date	Time	Received by Date Time
Relinquished by	Date	Time	Received by Date Time

LAB USE ONLY

Sample Temperature

REMARKS

[X] RUSH Same Day (24 hr) 48 hr 72 hr

[ ] Rush Charges Authorized

[ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking # _____

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Page 37 of 38

Received by OCD: 1/4/2022 9:16:11 AM

Released to Imaging: 1/20/2022 8:51:58 AM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-4539-1
SDG Number: Lea County, New Mexico

Login Number: 4539
List Number: 1
Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

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

CARDINAL Laboratories

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

August 28, 2021

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: RATTLESNAKE PUMP RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/26/21 16:00.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 1 (0-1') (H212305-01)

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	08/27/2021	ND	1.99	99.5	2.00	5.84	
Toluene*	<0.050	0.050	08/27/2021	ND	1.99	99.4	2.00	5.28	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.00	100	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.05	101	6.00	3.43	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	199	99.5	200	1.74	
DRO >C10-C28*	**2310**	10.0	08/27/2021	ND	217	108	200	1.98	
EXT DRO >C28-C36	**795**	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *89.6 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *138 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 1 (1') (H212305-02)

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	08/27/2021	ND	1.99	99.5	2.00	5.84	
Toluene*	<0.050	0.050	08/27/2021	ND	1.99	99.4	2.00	5.28	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.00	100	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.05	101	6.00	3.43	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	199	99.5	200	1.74	
DRO >C10-C28*	**986**	10.0	08/27/2021	ND	217	108	200	1.98	
EXT DRO >C28-C36	**369**	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *82.5 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *91.1 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 1 (2') (H212305-03)

BTEX 8021B mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.99	99.5	2.00	5.84	
Toluene*	<0.050	0.050	08/27/2021	ND	1.99	99.4	2.00	5.28	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.00	100	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.05	101	6.00	3.43	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	199	99.5	200	1.74	
DRO >C10-C28*	**371**	10.0	08/27/2021	ND	217	108	200	1.98	
EXT DRO >C28-C36	**146**	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *84.7 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *88.4 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 1 (3') (H212305-04)

BTEX 8021B mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.99	99.5	2.00	5.84	
Toluene*	<0.050	0.050	08/27/2021	ND	1.99	99.4	2.00	5.28	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.00	100	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.05	101	6.00	3.43	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**880**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	199	99.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	217	108	200	1.98	
EXT DRO >C28-C36	**19.7**	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *84.2 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *79.8 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 1 (4') (H212305-05)

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	08/27/2021	ND	1.99	99.5	2.00	5.84	
Toluene*	<0.050	0.050	08/27/2021	ND	1.99	99.4	2.00	5.28	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.00	100	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.05	101	6.00	3.43	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	199	99.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	217	108	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *86.5 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *85.1 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 1 (5') (H212305-06)

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	08/27/2021	ND	1.99	99.5	2.00	5.84	
Toluene*	<0.050	0.050	08/27/2021	ND	1.99	99.4	2.00	5.28	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.00	100	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.05	101	6.00	3.43	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	199	99.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	217	108	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *95.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *88.7 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 2 (0-1') (H212305-07)

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	08/26/2021	ND	2.02	101	2.00	4.17	QR-03
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2120**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/26/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/26/2021	ND					

Surrogate: 1-Chlorooctane *81.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *93.3 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 2 (1') (H212305-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2440**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/26/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/26/2021	ND					

Surrogate: 1-Chlorooctane *82.1 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *92.0 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 2 (2') (H212305-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1860**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/26/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/26/2021	ND					

Surrogate: 1-Chlorooctane *83.1 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *94.8 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 2 (3.5') (H212305-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2200**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/26/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/26/2021	ND					

Surrogate: 1-Chlorooctane *80.5 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *92.5 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 2 (5') (H212305-11)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/26/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/26/2021	ND					

Surrogate: 1-Chlorooctane *80.3 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *91.7 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 3 (0-1') (H212305-12)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**848**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/26/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/26/2021	ND					

Surrogate: 1-Chlorooctane *80.4 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *91.7 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 3 (1') (H212305-13)

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	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1140**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/26/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/26/2021	ND					

Surrogate: 1-Chlorooctane *80.4 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *92.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 3 (2') (H212305-14)

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	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	**30.9**	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	**25.9**	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *80.2 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *92.5 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 3 (3') (H212305-15)

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	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *76.1 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *86.1 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 4 (0-1') (H212305-16)

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	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2520**	16.0	08/27/2021	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *82.3 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *94.5 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 4 (1') (H212305-17)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1960**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *80.6 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *90.0 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 4 (2') (H212305-18)

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	08/26/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/26/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/26/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1470**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *80.2 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *90.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 4 (3') (H212305-19)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/27/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1500**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *79.6 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *89.9 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 4 (4') (H212305-20)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/27/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1440**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *83.1 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *94.4 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 4 (5') (H212305-21)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/27/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *76.6 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *85.0 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 5 (0-1') (H212305-22)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/27/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *82.9 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *93.8 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 5 (1') (H212305-23)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/27/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *80.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *88.9 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 5 (2') (H212305-24)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/27/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *72.4 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *81.0 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 5 (3') (H212305-25)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/27/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *68.3 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *72.1 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 6 (0-1') (H212305-26)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	2.02	101	2.00	4.17	
Toluene*	<0.050	0.050	08/27/2021	ND	2.14	107	2.00	5.88	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.08	104	2.00	6.10	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.41	107	6.00	6.16	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**880**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	192	96.0	200	14.1	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	191	95.7	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *73.5 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *80.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 6 (1') (H212305-27)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/26/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.4 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	QM-07
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *86.6 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *83.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 6 (2') (H212305-28)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/26/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *82.2 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *79.5 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 7 (0-1') (H212305-29)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/26/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1570**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	**1220**	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	**302**	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *76.7 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *111 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 7 (1') (H212305-30)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/26/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/26/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/26/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.0 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1760**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *79.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *76.5 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 7 (2') (H212305-31)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1310**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *79.8 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *77.3 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 7 (3') (H212305-32)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *85.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *82.2 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 8 (0-1') (H212305-33)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.9 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *89.7 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *86.7 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 8 (1') (H212305-34)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1580**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *87.3 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *84.8 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 8 (2') (H212305-35)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.9 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1720**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *89.4 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *87.1 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 8 (3') (H212305-36)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.7 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2360**	16.0	08/27/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *83.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *80.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 8 (4') (H212305-37)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2760**	16.0	08/27/2021	ND	416	104	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *84.7 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *81.5 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 8 (6') (H212305-38)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.1 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**896**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *81.2 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *78.0 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 8 (8') (H212305-39)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.7 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *87.8 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *84.9 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 8 (9') (H212305-40)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *87.8 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *84.7 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 9 (0-1') (H212305-41)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *84.1 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *82.5 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 9 (1') (H212305-42)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *88.1 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *85.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 9 (2') (H212305-43)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.7 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *93.3 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *90.5 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 10 (0-1') (H212305-44)

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	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.3 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2040**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *71.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *67.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 10 (1') (H212305-45)

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	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1810**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *62.6 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *60.3 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 10 (2') (H212305-46)

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	08/27/2021	ND	1.77	88.6	2.00	5.64	
Toluene*	<0.050	0.050	08/27/2021	ND	1.90	95.1	2.00	6.07	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.85	92.7	2.00	5.95	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.63	93.9	6.00	5.60	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2240**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	194	97.2	200	6.21	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	195	97.5	200	8.65	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *80.9 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *77.5 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 10 (3') (H212305-47)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2680**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *85.4 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *74.8 %* *38.9-142*

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 10 (4') (H212305-48)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2040**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *79.9 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *71.2 %* *38.9-142*

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 10 (5') (H212305-49)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *72.3 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *65.9 %* *38.9-142*

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MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 10 (6') (H212305-50)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *87.1 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *79.0 %* *38.9-142*

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (0-1') (H212305-51)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3240**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *80.3 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *74.5 %* *38.9-142*

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MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (1') (H212305-52)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4960**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *87.7 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *82.4 %* *38.9-142*

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Fax To: (432) 682-3946

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (2') (H212305-53)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4720**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *84.6 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *78.8 %* *38.9-142*

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Fax To: (432) 682-3946

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (3') (H212305-54)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4960**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *80.2 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *76.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (4') (H212305-55)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3440**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *87.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *75.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (5') (H212305-56)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4040**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *81.7 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *71.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (6') (H212305-57)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4240**	16.0	08/27/2021	ND	416	104	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *92.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *82.1 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (9') (H212305-58)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.2 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**864**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *83.3 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *76.4 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (10') (H212305-59)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**912**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *75.7 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *70.0 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (12') (H212305-60)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**944**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *79.2 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *73.0 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (16') (H212305-61)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *79.4 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *69.1 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 11 (17') (H212305-62)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *81.6 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *72.6 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

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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:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 12 (0-1') (H212305-63)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/27/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/27/2021	ND					

Surrogate: 1-Chlorooctane *82.9 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *75.8 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 12 (1') (H212305-64)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/28/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/28/2021	ND					

Surrogate: 1-Chlorooctane *76.5 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *68.6 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 12 (2') (H212305-65)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/28/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/28/2021	ND					

Surrogate: 1-Chlorooctane *72.9 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *67.6 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 13 (0-1') (H212305-66)

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	08/27/2021	ND	1.98	99.1	2.00	5.92	
Toluene*	<0.050	0.050	08/27/2021	ND	2.11	105	2.00	3.51	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	2.04	102	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	6.23	104	6.00	4.00	
Total BTEX	<0.300	0.300	08/27/2021	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**896**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2021	ND	184	91.9	200	6.11	
DRO >C10-C28*	<10.0	10.0	08/28/2021	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	08/28/2021	ND					

Surrogate: 1-Chlorooctane *70.6 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *64.7 %* *38.9-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 13 (1') (H212305-67)

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	08/27/2021	ND	1.80	89.9	2.00	6.46	
Toluene*	<0.050	0.050	08/27/2021	ND	1.94	97.1	2.00	5.90	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.87	93.7	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.66	94.4	6.00	5.49	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.5 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**864**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2021	ND	194	97.1	200	2.65	
DRO >C10-C28*	<10.0	10.0	08/28/2021	ND	193	96.6	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	08/28/2021	ND					

Surrogate: 1-Chlorooctane *73.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *70.0 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 13 (2') (H212305-68)

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	08/27/2021	ND	1.80	89.9	2.00	6.46	
Toluene*	<0.050	0.050	08/27/2021	ND	1.94	97.1	2.00	5.90	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.87	93.7	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.66	94.4	6.00	5.49	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.3 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2021	ND	194	97.1	200	2.65	
DRO >C10-C28*	<10.0	10.0	08/28/2021	ND	193	96.6	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	08/28/2021	ND					

Surrogate: 1-Chlorooctane *75.8 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *72.5 %* *38.9-142*

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Analytical Results For:

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

Received:	08/26/2021	Sampling Date:	08/23/2021
Reported:	08/28/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: TRENCH - 13 (4') (H212305-69)

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	08/27/2021	ND	1.80	89.9	2.00	6.46	
Toluene*	<0.050	0.050	08/27/2021	ND	1.94	97.1	2.00	5.90	
Ethylbenzene*	<0.050	0.050	08/27/2021	ND	1.87	93.7	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/27/2021	ND	5.66	94.4	6.00	5.49	
Total BTEX	<0.300	0.300	08/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.5 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2021	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2021	ND	194	97.1	200	2.65	
DRO >C10-C28*	<10.0	10.0	08/28/2021	ND	193	96.6	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	08/28/2021	ND					

Surrogate: 1-Chlorooctane *75.0 %* *44.3-133*

Surrogate: 1-Chlorooctadecane *70.8 %* *38.9-142*

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	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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Page 154 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	Site Manager:	Britttany Long 432-741-5813
Project Name:	Rattlesnake Pump Release		
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-02560
Invoice to:	EOG/ ATTN: Kevin Black		
Receiving Laboratory:	Cardinal Labs	Sampler Signature:	Ezequiel Moreno Flores
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
H212305-																													
01	Trench-1 (0-1')	8/23/2021			X			X	1		X		X												X				
02	Trench-1 (1')	8/23/2021			X			X	1		X		X												X				
03	Trench-1 (2')	8/23/2021			X			X	1		X		X												X				
04	Trench-1 (3')	8/23/2021			X			X	1		X		X												X				
05	Trench-1 (4')	8/23/2021			X			X	1		X		X												X				
06	Trench-1 (5')	8/23/2021			X			X	1		X		X												X				
07	Trench-2 (0-1')	8/23/2021			X			X	1		X		X												X				
08	Trench-2 (1')	8/23/2021			X			X	1		X		X												X				
09	Trench-2 (2')	8/23/2021			X			X	1		X		X												X				
10	Trench-2 (3.5')	8/23/2021			X			X	1		X		X												X				

Relinquished by: Myles Taylor	Date: 8/26/21	Time: 1600	Received by: Tamara Oldaker
Relinquished by:	Date:	Time:	Received by: Date: 8/24/21 Time: 1600
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature 3.1c #113 T.O.

REMARKS:

- [X] RUSH: Same Day (24 hr) 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	Site Manager:	Britttany Long
Project Name:	Rattlesnake Pump Release		
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-02560
Invoice to:	EOG/ ATTN: Kevin Black		
Receiving Laboratory:	Cardinal Labs	Sampler Signature:	Ezequiel Moreno Flores
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
H212305																													
11	Trench-2 (5')	8/23/2021			X			X	1		X		X												X				
12	Trench-3 (0-1')	8/23/2021			X			X	1		X		X												X				
13	Trench-3 (1')	8/23/2021			X			X	1		X		X												X				
14	Trench-3 (2')	8/23/2021			X			X	1		X		X												X				
15	Trench-3 (3')	8/23/2021			X			X	1		X		X												X				
16	Trench-4 (0-1')	8/23/2021			X			X	1		X		X												X				
17	Trench-4 (1')	8/23/2021			X			X	1		X		X												X				
18	Trench-4 (2')	8/23/2021			X			X	1		X		X												X				
19	Trench-4 (3')	8/23/2021			X			X	1		X		X												X				
20	Trench-4 (4')	8/23/2021			X			X	1		X		X												X				

Relinquished by: Myles Taylor	Date: 8/24/21	Time: 1600	Received by: Tamara Oldaker
Relinquished by:	Date:	Time:	Received by: Date: 8/26/21 Time: 1600
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY
Sample Temperature

REMARKS:

- [X] RUSH: Same Day (24 hr) 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 156 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	Site Manager: Britttany Long
Project Name: Rattlesnake Pump Release	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02560
Invoice to: EOG/ ATTN: Kevin Black	
Receiving Laboratory: Cardinal Labs	Sampler Signature: Ezequiel Moreno Flores
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
H212305																													
21	Trench-4 (5')	8/23/2021			X			X	1		X		X												X				
22	Trench-5 (0-1')	8/23/2021			X			X	1		X		X												X				
23	Trench-5 (1')	8/23/2021			X			X	1		X		X												X				
24	Trench-5 (2')	8/23/2021			X			X	1		X		X												X				
25	Trench-5 (3')	8/23/2021			X			X	1		X		X												X				
26	Trench-6 (0-1')	8/23/2021			X			X	1		X		X												X				
27	Trench-6 (1')	8/23/2021			X			X	1		X		X												X				
28	Trench-6 (2')	8/23/2021			X			X	1		X		X												X				
29	Trench-7 (0-1')	8/23/2021			X			X	1		X		X												X				
30	Trench-7 (1')	8/23/2021			X			X	1		X		X												X				

Relinquished by: Myles Taylor	Date: 8/26/21	Time: 1600	Received by: Tamara Baker
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY

Sample Temperature 3.1c #113 V.D.

REMARKS:

- [X] RUSH: Same Day (24 hr) 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	Site Manager:	Britttany Long
Project Name:	Rattlesnake Pump Release		
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-02560
Invoice to:	EOG/ ATTN: Kevin Black		
Receiving Laboratory:	Cardinal Labs	Sampler Signature:	Ezequiel Moreno Flores
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
H212305																																			
31	Trench-7 (2')	8/23/2021			X				X		1		X		X												X								
32	Trench-7 (3')	8/23/2021			X				X		1		X		X												X								
33	Trench-8 (0-1')	8/23/2021			X				X		1		X		X												X								
34	Trench-8 (1')	8/23/2021			X				X		1		X		X												X								
35	Trench-8 (2')	8/23/2021			X				X		1		X		X												X								
36	Trench-8 (3')	8/23/2021			X				X		1		X		X												X								
37	Trench-8 (4')	8/23/2021			X				X		1		X		X												X								
38	Trench-8 (6')	8/23/2021			X				X		1		X		X												X								
39	Trench-8 (8')	8/23/2021			X				X		1		X		X												X								
40	Trench-8 (9')	8/23/2021			X				X		1		X		X												X								

Relinquished by: Myles Taylor	Date: 8/26/21	Time: 1600	Received by: Tamara Oldaker	Date: 8/26/21	Time: 1600
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature 3.1°C #113 T.O.

REMARKS:

[X] RUSH: Same Day (24 hr) 48 hr 72 hr

[ ] Rush Charges Authorized

[ ] Special Report Limits or TRRP Report

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Page 158 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	Site Manager: Britttany Long
Project Name: Rattlesnake Pump Release	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02560
Invoice to: EOG/ ATTN: Kevin Black	
Receiving Laboratory: Cardinal Labs	Sampler Signature: Ezequiel Moreno Flores
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

H212305 LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
41	Trench-9 (0-1')	8/23/2021			X				X			1		X		X												X							
42	Trench-9 (1')	8/23/2021			X				X			1		X		X												X							
43	Trench-9 (2')	8/23/2021			X				X			1		X		X												X							
44	Trench-10 (0-1')	8/23/2021			X				X			1		X		X												X							
45	Trench-10 (1')	8/23/2021			X				X			1		X		X												X							
46	Trench-10 (2')	8/23/2021			X				X			1		X		X												X							
47	Trench-10 (3')	8/23/2021			X				X			1		X		X												X							
48	Trench-10 (4')	8/23/2021			X				X			1		X		X												X							
49	Trench-10 (5')	8/23/2021			X				X			1		X		X												X							
50	Trench-10 (6')	8/23/2021			X				X			1		X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Myles Taylor	8/26/21	1600	Tamara Latham	8/26/21	1600
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature 3.1° #113 T.O.

REMARKS:

[X] RUSH: Same Day (24 hr) 48 hr 72 hr

[ ] Rush Charges Authorized

[ ] Special Report Limits or TRRP Report

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Page 159 of 642

Analysis Request of Chain of Custody Record Page 6 of 7

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Britttany Long
Project Name: Rattlesnake Pump Release	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG/ ATTN: Kevin Black	
Receiving Laboratory: Cardinal Labs	**Sampler Signature:** Ezequiel Moreno Flores
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
H212305																													
S1	Trench-11 (0-1')	8/23/2021			X			X	1		X		X												X				
S2	Trench-11 (1')	8/23/2021			X			X	1		X		X												X				
S3	Trench-11 (2')	8/23/2021			X			X	1		X		X												X				
S4	Trench-11 (3')	8/23/2021			X			X	1		X		X												X				
S5	Trench-11 (4')	8/23/2021			X			X	1		X		X												X				
S6	Trench-11 (5')	8/23/2021			X			X	1		X		X												X				
S7	Trench-11 (6')	8/23/2021			X			X	1		X		X												X				
S8	Trench-11 (9')	8/23/2021			X			X	1		X		X												X				
S9	Trench-11 (10')	8/23/2021			X			X	1		X		X												X				
S10	Trench-11 (12')	8/23/2021			X			X	1		X		X												X				

	Date:	Time:		Date:	Time:
Relinquished by: Myles Taylor	8/26/21	1600	Received by: Tamara Oldaker	8/26/21	1600
Relinquished by:			Received by:		
Relinquished by:			Received by:		

LAB USE ONLY
Sample Temperature 3.1c #113 T.O.

REMARKS:
- [X] RUSH: Same Day (24 hr) 48 hr 72 hr
- [ ] Rush Charges Authorized
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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Britttany Long
Project Name: Rattlesnake Pump Release	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG/ ATTN: Kevin Black	
Receiving Laboratory: Cardinal Labs	**Sampler Signature:** Ezequiel Moreno Flores
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY) H212305	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
61	Trench-11 (16')	8/23/2021			X			X	1		X		X												X				
62	Trench-11 (17')	8/23/2021			X			X	1		X		X												X				
63	Trench-12 (0-1')	8/23/2021			X			X	1		X		X												X				
64	Trench-12 (1')	8/23/2021			X			X	1		X		X												X				
65	Trench-12 (2')	8/23/2021			X			X	1		X		X												X				
66	Trench-13 (0-1')	8/23/2021			X			X	1		X		X												X				
67	Trench-13 (1')	8/23/2021			X			X	1		X		X												X				
68	Trench-13 (2')	8/23/2021			X			X	1		X		X												X				
69	Trench-3 (4')	8/23/2021			X			X	1		X		X												X				

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Myles Taylor	8/26/21	1606	Tamara Oldaker	8/26/21	1600
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature 3.1°C #113 TD

REMARKS:

[X] RUSH: Same Day (24 hr) 48 hr 72 hr

[ ] Rush Charges Authorized

[ ] Special Report Limits or TRRP Report

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-1621-1
Laboratory Sample Delivery Group: Lea County NM
Client Project/Site: Rattlesnake Pump Spill

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

Attn: Brittany Long

JKramer

Authorized for release by:
12/9/2021 4:41:39 PM

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 5
Client Sample Results 7
Surrogate Summary 212
QC Sample Results 226
QC Association Summary 285
Lab Chronicle 340
Certification Summary 415
Method Summary 416
Sample Summary 417
Chain of Custody 422
Receipt Checklists 475

Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Qualifiers

GC/MS VOA

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

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

Definitions/Glossary

Client: Tetra Tech, Inc.
Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill
SDG: Lea County NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Job ID: 890-1621-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1621-1

Receipt
The samples were received on 11/23/2021 8:00 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 0.2°C

GC/MS VOA
Method 8260C: Elevated reporting limits are provided for the following samples due to insufficient sample provided for analysis: (860-15888-C-6-A) and (860-15888-C-6-A MS). First DI water vial was used, second DI water vial was overweight; thus, samples was analyzed at 25x from the methanol vial.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: (840-610-A-2-A) and (840-610-A-2-A MS). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike (MS) recoveries for preparation batch 860-31798 and analytical batch 860-32023 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260C: The following samples were diluted due to being spent carbon: (860-15994-B-1-A) and (860-15994-B-1-A MS). Elevated reporting limits (RL) are provided.

Method 8260C: Elevated reporting limits are provided for the following samples due to insufficient sample provided for analysis: (860-15590-B-7-A) and (860-15590-B-7-A MS). Both DI water vials were used so the Methanol vial was used for analysis.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: (860-15972-A-20-A) and (860-15972-A-20-A MS). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: (860-15924-A-1-A) and (860-15924-A-1-A MS). Elevated reporting limits (RLs) are provided.

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

GC VOA
Method 8021B: Due to mis-injection the laboratory control sample (LCS) for preparation batch 880-13196 and analytical batch 880-13166 recovered outside control limits for several analytes. The LCSD did pass, therefore data was accepted.

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

GC Semi VOA
Method 8015MOD_NM: The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 880-13813 and analytical batch 880-13827 was outside the 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-13802 and analytical batch 880-13929 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-13804 and analytical batch 880-13929 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28)

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-13800 and 880-13801

Case Narrative

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Job ID: 890-1621-1 (Continued)

Laboratory: Eurofins Xenco, Carlsbad (Continued)

and analytical batch 880-13918 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-13801/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-13334 and analytical batch 880-14049 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-13333 and analytical batch 880-14050 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-13335 and analytical batch 880-14091 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-13329 and analytical batch 880-14095 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-13331 and analytical batch 880-14293 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-32956 and analytical batch 860-32939 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-1 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-1

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/24/21 17:04	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 14:25	11/24/21 17:04	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/24/21 17:04	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/24/21 17:04	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/24/21 17:04	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/24/21 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*11/24/21 14:25*	*11/24/21 17:04*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*11/24/21 14:25*	*11/24/21 17:04*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*	*11/24/21 14:25*	*11/24/21 17:04*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*11/24/21 14:25*	*11/24/21 17:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/29/21 17:13	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	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 08:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 08:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 08:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*65 - 130*	*11/24/21 16:00*	*11/25/21 08:49*	*1*
o-Terphenyl	*106*		*65 - 130*	*11/24/21 16:00*	*11/25/21 08:49*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.1**		9.90		mg/Kg		11/30/21 23:42	12/01/21 06:58	1

Client Sample ID: BH-2 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-2

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/24/21 17:26	1
Toluene	<0.00502	U	0.00502		mg/Kg		11/24/21 14:25	11/24/21 17:26	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/24/21 17:26	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 14:25	11/24/21 17:26	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/24/21 17:26	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 14:25	11/24/21 17:26	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-2 (2)

Lab Sample ID: 890-1621-2
Matrix: Solid

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*11/24/21 14:25*	*11/24/21 17:26*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*11/24/21 14:25*	*11/24/21 17:26*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*11/24/21 14:25*	*11/24/21 17:26*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*11/24/21 14:25*	*11/24/21 17:26*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/29/21 17:13	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	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 09:43	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 09:43	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*65 - 130*	*11/24/21 16:00*	*11/25/21 09:43*	*1*
o-Terphenyl	*112*		*65 - 130*	*11/24/21 16:00*	*11/25/21 09:43*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		10.1		mg/Kg		11/30/21 23:42	12/01/21 08:06	1

Client Sample ID: BH-3 (2)

Lab Sample ID: 890-1621-3
Matrix: Solid

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/24/21 17:48	1
Toluene	<0.00496	U	0.00496		mg/Kg		11/24/21 14:25	11/24/21 17:48	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/24/21 17:48	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/24/21 17:48	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/24/21 17:48	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/24/21 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*11/24/21 14:25*	*11/24/21 17:48*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*11/24/21 14:25*	*11/24/21 17:48*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*11/24/21 14:25*	*11/24/21 17:48*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*11/24/21 14:25*	*11/24/21 17:48*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 09:14	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-3 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/29/21 17:13	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	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 10:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 10:01	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 10:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*65 - 130*	*11/24/21 16:00*	*11/25/21 10:01*	*1*
o-Terphenyl	*109*		*65 - 130*	*11/24/21 16:00*	*11/25/21 10:01*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.3**		9.94		mg/Kg		11/30/21 23:42	12/01/21 08:46	1

Client Sample ID: BH-4 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-4

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 14:25	11/24/21 18:10	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 14:25	11/24/21 18:10	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 14:25	11/24/21 18:10	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/24/21 18:10	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 14:25	11/24/21 18:10	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/24/21 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*11/24/21 14:25*	*11/24/21 18:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*11/24/21 14:25*	*11/24/21 18:10*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*11/24/21 14:25*	*11/24/21 18:10*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*11/24/21 14:25*	*11/24/21 18:10*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/29/21 17:13	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	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 10:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 10:19	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-4 (2)

Lab Sample ID: 890-1621-4
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*65 - 130*	*11/24/21 16:00*	*11/25/21 10:19*	*1*
o-Terphenyl	*113*		*65 - 130*	*11/24/21 16:00*	*11/25/21 10:19*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.5**		9.98		mg/Kg		11/30/21 23:42	12/01/21 09:00	1

Client Sample ID: BH-5 (2)

Lab Sample ID: 890-1621-5
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		11/24/21 14:25	11/24/21 18:32	1
Toluene	<0.00499	U	0.00499		mg/Kg		11/24/21 14:25	11/24/21 18:32	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		11/24/21 14:25	11/24/21 18:32	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 14:25	11/24/21 18:32	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		11/24/21 14:25	11/24/21 18:32	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 14:25	11/24/21 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*	*11/24/21 14:25*	*11/24/21 18:32*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*11/24/21 14:25*	*11/24/21 18:32*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*11/24/21 14:25*	*11/24/21 18:32*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*11/24/21 14:25*	*11/24/21 18:32*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/29/21 17:13	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	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 10:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 10:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*65 - 130*	*11/24/21 16:00*	*11/25/21 10:36*	*1*
o-Terphenyl	*109*		*65 - 130*	*11/24/21 16:00*	*11/25/21 10:36*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-5 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-5

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		9.82		mg/Kg		11/30/21 23:42	12/01/21 09:14	1

Client Sample ID: BH-6 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-6

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 15:00	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/29/21 12:40	11/29/21 15:00	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 15:00	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 15:00	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 15:00	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*56 - 150*	*11/29/21 12:40*	*11/29/21 15:00*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*11/29/21 12:40*	*11/29/21 15:00*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*11/29/21 12:40*	*11/29/21 15:00*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*11/29/21 12:40*	*11/29/21 15:00*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/29/21 17:13	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	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 11:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 11:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*65 - 130*	*11/24/21 16:00*	*11/25/21 11:31*	*1*
o-Terphenyl	*103*		*65 - 130*	*11/24/21 16:00*	*11/25/21 11:31*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.1		10.1		mg/Kg		12/01/21 09:35	12/02/21 05:19	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-7 (2)

Lab Sample ID: 890-1621-7
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 14:25	11/24/21 19:16	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 14:25	11/24/21 19:16	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 14:25	11/24/21 19:16	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/24/21 19:16	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 14:25	11/24/21 19:16	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/24/21 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*11/24/21 14:25*	*11/24/21 19:16*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*11/24/21 14:25*	*11/24/21 19:16*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*11/24/21 14:25*	*11/24/21 19:16*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*11/24/21 14:25*	*11/24/21 19:16*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/29/21 17:13	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	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 11:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 11:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*65 - 130*	*11/24/21 16:00*	*11/25/21 11:49*	*1*
o-Terphenyl	*114*		*65 - 130*	*11/24/21 16:00*	*11/25/21 11:49*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.8**		10.1		mg/Kg		12/01/21 09:35	12/02/21 05:59	1

Client Sample ID: BH-8 (2)

Lab Sample ID: 890-1621-8
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/24/21 19:38	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 14:25	11/24/21 19:38	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/24/21 19:38	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/24/21 19:38	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/24/21 19:38	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/24/21 19:38	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-8 (2)

Lab Sample ID: 890-1621-8
Matrix: Solid

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		56 - 150	11/24/21 14:25	11/24/21 19:38	1
4-Bromofluorobenzene (Surr)	92		68 - 152	11/24/21 14:25	11/24/21 19:38	1
Dibromofluoromethane (Surr)	95		53 - 142	11/24/21 14:25	11/24/21 19:38	1
Toluene-d8 (Surr)	106		70 - 130	11/24/21 14:25	11/24/21 19:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/29/21 17:13	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	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 12:07	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 12:07	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		65 - 130	11/24/21 16:00	11/25/21 12:07	1
o-Terphenyl	111		65 - 130	11/24/21 16:00	11/25/21 12:07	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.4**		10.1		mg/Kg		12/01/21 09:35	12/02/21 06:41	1

Client Sample ID: BH-9 (2)

Lab Sample ID: 890-1621-9
Matrix: Solid

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/24/21 20:00	1
Toluene	<0.00496	U	0.00496		mg/Kg		11/24/21 14:25	11/24/21 20:00	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/24/21 20:00	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/24/21 20:00	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/24/21 20:00	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/24/21 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		56 - 150	11/24/21 14:25	11/24/21 20:00	1
4-Bromofluorobenzene (Surr)	103		68 - 152	11/24/21 14:25	11/24/21 20:00	1
Dibromofluoromethane (Surr)	93		53 - 142	11/24/21 14:25	11/24/21 20:00	1
Toluene-d8 (Surr)	108		70 - 130	11/24/21 14:25	11/24/21 20:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 16:25	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-9 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/29/21 17:13	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	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 12:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 12:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*65 - 130*	*11/24/21 16:00*	*11/25/21 12:25*	*1*
o-Terphenyl	*108*		*65 - 130*	*11/24/21 16:00*	*11/25/21 12:25*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.6**		10.2		mg/Kg		12/01/21 09:35	12/02/21 06:54	1

Client Sample ID: BH-10 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-10

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/24/21 20:22	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 14:25	11/24/21 20:22	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/24/21 20:22	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/24/21 20:22	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/24/21 20:22	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/24/21 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*	*11/24/21 14:25*	*11/24/21 20:22*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*11/24/21 14:25*	*11/24/21 20:22*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*11/24/21 14:25*	*11/24/21 20:22*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*11/24/21 14:25*	*11/24/21 20:22*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/29/21 17:13	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	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 12:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 12:44	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-10 (2)

Lab Sample ID: 890-1621-10
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*65 - 130*	*11/24/21 16:00*	*11/25/21 12:44*	*1*
o-Terphenyl	*101*		*65 - 130*	*11/24/21 16:00*	*11/25/21 12:44*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.3**		10.1		mg/Kg		12/01/21 09:35	12/02/21 07:08	1

Client Sample ID: BH-11 (2)

Lab Sample ID: 890-1621-11
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		11/24/21 14:25	11/24/21 20:44	1
Toluene	<0.00498	U	0.00498		mg/Kg		11/24/21 14:25	11/24/21 20:44	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		11/24/21 14:25	11/24/21 20:44	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		11/24/21 14:25	11/24/21 20:44	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		11/24/21 14:25	11/24/21 20:44	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		11/24/21 14:25	11/24/21 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*11/24/21 14:25*	*11/24/21 20:44*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*11/24/21 14:25*	*11/24/21 20:44*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*11/24/21 14:25*	*11/24/21 20:44*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*11/24/21 14:25*	*11/24/21 20:44*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/29/21 17:13	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	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 13:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 13:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*65 - 130*	*11/24/21 16:00*	*11/25/21 13:01*	*1*
o-Terphenyl	*113*		*65 - 130*	*11/24/21 16:00*	*11/25/21 13:01*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-11 (2)

Lab Sample ID: 890-1621-11
Matrix: Solid

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		10.1		mg/Kg		12/01/21 09:35	12/02/21 07:21	1

Client Sample ID: BH-12 (2)

Lab Sample ID: 890-1621-12
Matrix: Solid

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		11/24/21 14:25	11/24/21 21:06	1
Toluene	<0.00499	U	0.00499		mg/Kg		11/24/21 14:25	11/24/21 21:06	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		11/24/21 14:25	11/24/21 21:06	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 14:25	11/24/21 21:06	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		11/24/21 14:25	11/24/21 21:06	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 14:25	11/24/21 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*11/24/21 14:25*	*11/24/21 21:06*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*11/24/21 14:25*	*11/24/21 21:06*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*11/24/21 14:25*	*11/24/21 21:06*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*	*11/24/21 14:25*	*11/24/21 21:06*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/29/21 17:13	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	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 13:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 13:19	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/24/21 16:00	11/25/21 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*65 - 130*	*11/24/21 16:00*	*11/25/21 13:19*	*1*
o-Terphenyl	*112*		*65 - 130*	*11/24/21 16:00*	*11/25/21 13:19*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.1		10.2		mg/Kg		12/01/21 09:35	12/02/21 07:35	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-13 (2)

Lab Sample ID: 890-1621-13
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/24/21 21:29	1
Toluene	<0.00501	U	0.00501		mg/Kg		11/24/21 14:25	11/24/21 21:29	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/24/21 21:29	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 14:25	11/24/21 21:29	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/24/21 21:29	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 14:25	11/24/21 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*	*11/24/21 14:25*	*11/24/21 21:29*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/24/21 14:25*	*11/24/21 21:29*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*11/24/21 14:25*	*11/24/21 21:29*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*11/24/21 14:25*	*11/24/21 21:29*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/29/21 17:13	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	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 13:37	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 13:37	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*65 - 130*	*11/24/21 16:00*	*11/25/21 13:37*	*1*
o-Terphenyl	*99*		*65 - 130*	*11/24/21 16:00*	*11/25/21 13:37*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.4**		10.1		mg/Kg		12/01/21 09:35	12/02/21 07:49	1

Client Sample ID: BH-14 (2)

Lab Sample ID: 890-1621-14
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/25/21 04:07	1
Toluene	<0.00502	U	0.00502		mg/Kg		11/24/21 14:25	11/25/21 04:07	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/25/21 04:07	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 14:25	11/25/21 04:07	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/25/21 04:07	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 14:25	11/25/21 04:07	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-14 (2)

Lab Sample ID: 890-1621-14

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		56 - 150	11/24/21 14:25	11/25/21 04:07	1
4-Bromofluorobenzene (Surr)	98		68 - 152	11/24/21 14:25	11/25/21 04:07	1
Dibromofluoromethane (Surr)	95		53 - 142	11/24/21 14:25	11/25/21 04:07	1
Toluene-d8 (Surr)	105		70 - 130	11/24/21 14:25	11/25/21 04:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/29/21 17:13	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	<49.7	U	49.7		mg/Kg		11/24/21 16:00	11/25/21 13:56	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/24/21 16:00	11/25/21 13:56	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/24/21 16:00	11/25/21 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		65 - 130	11/24/21 16:00	11/25/21 13:56	1
o-Terphenyl	108		65 - 130	11/24/21 16:00	11/25/21 13:56	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**60.6**		9.96		mg/Kg		12/01/21 09:35	12/02/21 08:02	1

Client Sample ID: BH-15 (2)

Lab Sample ID: 890-1621-15

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/25/21 04:29	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 14:25	11/25/21 04:29	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/25/21 04:29	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/25/21 04:29	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/25/21 04:29	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/25/21 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		56 - 150	11/24/21 14:25	11/25/21 04:29	1
4-Bromofluorobenzene (Surr)	95		68 - 152	11/24/21 14:25	11/25/21 04:29	1
Dibromofluoromethane (Surr)	90		53 - 142	11/24/21 14:25	11/25/21 04:29	1
Toluene-d8 (Surr)	103		70 - 130	11/24/21 14:25	11/25/21 04:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:25	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-15 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-15

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/29/21 17:13	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	<49.8	U	49.8		mg/Kg		11/24/21 16:00	11/25/21 14:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/24/21 16:00	11/25/21 14:14	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/24/21 16:00	11/25/21 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*65 - 130*	*11/24/21 16:00*	*11/25/21 14:14*	*1*
o-Terphenyl	*108*		*65 - 130*	*11/24/21 16:00*	*11/25/21 14:14*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.3**		9.86		mg/Kg		12/01/21 09:35	12/02/21 08:16	1

Client Sample ID: BH-16 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-16

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/25/21 04:51	1
Toluene	<0.00502	U	0.00502		mg/Kg		11/24/21 14:25	11/25/21 04:51	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/25/21 04:51	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 14:25	11/25/21 04:51	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 14:25	11/25/21 04:51	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 14:25	11/25/21 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*	*11/24/21 14:25*	*11/25/21 04:51*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*11/24/21 14:25*	*11/25/21 04:51*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*11/24/21 14:25*	*11/25/21 04:51*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*11/24/21 14:25*	*11/25/21 04:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/29/21 17:13	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	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 15:08	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 15:08	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-16 (2)

Lab Sample ID: 890-1621-16
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*65 - 130*	*11/24/21 16:00*	*11/25/21 15:08*	*1*
o-Terphenyl	*109*		*65 - 130*	*11/24/21 16:00*	*11/25/21 15:08*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**144**		9.98		mg/Kg		12/01/21 09:35	12/02/21 08:29	1

Client Sample ID: BH-17 (2)

Lab Sample ID: 890-1621-17
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 14:25	11/25/21 05:13	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 14:25	11/25/21 05:13	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 14:25	11/25/21 05:13	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/25/21 05:13	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 14:25	11/25/21 05:13	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/25/21 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*11/24/21 14:25*	*11/25/21 05:13*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*11/24/21 14:25*	*11/25/21 05:13*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*11/24/21 14:25*	*11/25/21 05:13*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*11/24/21 14:25*	*11/25/21 05:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/29/21 17:13	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	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 15:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 15:27	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/24/21 16:00	11/25/21 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*65 - 130*	*11/24/21 16:00*	*11/25/21 15:27*	*1*
o-Terphenyl	*82*		*65 - 130*	*11/24/21 16:00*	*11/25/21 15:27*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-17 (2)

Lab Sample ID: 890-1621-17
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		10.0		mg/Kg		12/01/21 09:35	12/02/21 09:37	1

Client Sample ID: BH-18 (2)

Lab Sample ID: 890-1621-18
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/25/21 05:35	1
Toluene	<0.00496	U	0.00496		mg/Kg		11/24/21 14:25	11/25/21 05:35	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/25/21 05:35	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/25/21 05:35	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/25/21 05:35	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/25/21 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*11/24/21 14:25*	*11/25/21 05:35*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*11/24/21 14:25*	*11/25/21 05:35*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*11/24/21 14:25*	*11/25/21 05:35*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*11/24/21 14:25*	*11/25/21 05:35*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/29/21 17:13	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	<50.1	U	50.1		mg/Kg		11/24/21 16:00	11/25/21 15:45	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/24/21 16:00	11/25/21 15:45	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/24/21 16:00	11/25/21 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*65 - 130*	*11/24/21 16:00*	*11/25/21 15:45*	*1*
o-Terphenyl	*81*		*65 - 130*	*11/24/21 16:00*	*11/25/21 15:45*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.5		9.96		mg/Kg		12/01/21 09:35	12/02/21 09:51	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-19 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-19

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/25/21 05:57	1
Toluene	<0.00504	U	0.00504		mg/Kg		11/24/21 14:25	11/25/21 05:57	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/25/21 05:57	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/25/21 05:57	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 14:25	11/25/21 05:57	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 14:25	11/25/21 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*	*11/24/21 14:25*	*11/25/21 05:57*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*11/24/21 14:25*	*11/25/21 05:57*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*11/24/21 14:25*	*11/25/21 05:57*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*11/24/21 14:25*	*11/25/21 05:57*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/29/21 17:13	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	<49.8	U	49.8		mg/Kg		11/24/21 16:00	11/25/21 16:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/24/21 16:00	11/25/21 16:04	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/24/21 16:00	11/25/21 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*65 - 130*	*11/24/21 16:00*	*11/25/21 16:04*	*1*
o-Terphenyl	*81*		*65 - 130*	*11/24/21 16:00*	*11/25/21 16:04*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.7		9.82		mg/Kg		12/01/21 09:35	12/02/21 10:04	1

Client Sample ID: BH-20 (2)

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Lab Sample ID: 890-1621-20

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/25/21 06:20	1
Toluene	<0.00496	U	0.00496		mg/Kg		11/24/21 14:25	11/25/21 06:20	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/25/21 06:20	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/25/21 06:20	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		11/24/21 14:25	11/25/21 06:20	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 14:25	11/25/21 06:20	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-20 (2)

Lab Sample ID: 890-1621-20

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 2

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		56 - 150	11/24/21 14:25	11/25/21 06:20	1
4-Bromofluorobenzene (Surr)	92		68 - 152	11/24/21 14:25	11/25/21 06:20	1
Dibromofluoromethane (Surr)	94		53 - 142	11/24/21 14:25	11/25/21 06:20	1
Toluene-d8 (Surr)	103		70 - 130	11/24/21 14:25	11/25/21 06:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/29/21 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/24/21 16:00	11/29/21 12:09	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/24/21 16:00	11/29/21 12:09	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/24/21 16:00	11/29/21 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		65 - 130	11/24/21 16:00	11/29/21 12:09	1
o-Terphenyl	105		65 - 130	11/24/21 16:00	11/29/21 12:09	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.6**		9.98		mg/Kg		12/01/21 09:35	12/02/21 10:18	1

Client Sample ID: BH-21 (3)

Lab Sample ID: 890-1621-21

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 10:45	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 17:27	11/25/21 10:45	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 10:45	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 10:45	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 10:45	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 10:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		56 - 150	11/24/21 17:27	11/25/21 10:45	1
4-Bromofluorobenzene (Surr)	95		68 - 152	11/24/21 17:27	11/25/21 10:45	1
Dibromofluoromethane (Surr)	93		53 - 142	11/24/21 17:27	11/25/21 10:45	1
Toluene-d8 (Surr)	102		70 - 130	11/24/21 17:27	11/25/21 10:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:25	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-21 (3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-21

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 11:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 11:09	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*65 - 130*	*11/30/21 15:39*	*12/01/21 11:09*	*1*
o-Terphenyl	*108*		*65 - 130*	*11/30/21 15:39*	*12/01/21 11:09*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.5**		10.2		mg/Kg		12/01/21 09:35	12/02/21 10:32	1

Client Sample ID: BH-22 (3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-22

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 05:38	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 17:27	11/25/21 05:38	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 05:38	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 17:27	11/25/21 05:38	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 05:38	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 17:27	11/25/21 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*11/24/21 17:27*	*11/25/21 05:38*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*11/24/21 17:27*	*11/25/21 05:38*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*11/24/21 17:27*	*11/25/21 05:38*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*11/24/21 17:27*	*11/25/21 05:38*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 12:02	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 12:02	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-22 (3)

Lab Sample ID: 890-1621-22
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*65 - 130*	*11/30/21 15:39*	*12/01/21 12:02*	*1*
o-Terphenyl	*109*		*65 - 130*	*11/30/21 15:39*	*12/01/21 12:02*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.6**		10.1		mg/Kg		12/01/21 09:35	12/02/21 10:45	1

Client Sample ID: BH-23 (3)

Lab Sample ID: 890-1621-23
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 05:59	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 17:27	11/25/21 05:59	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 05:59	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 05:59	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 05:59	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 05:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*	*11/24/21 17:27*	*11/25/21 05:59*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*11/24/21 17:27*	*11/25/21 05:59*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*11/24/21 17:27*	*11/25/21 05:59*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*11/24/21 17:27*	*11/25/21 05:59*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/30/21 15:39	12/01/21 12:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/30/21 15:39	12/01/21 12:20	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/30/21 15:39	12/01/21 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*65 - 130*	*11/30/21 15:39*	*12/01/21 12:20*	*1*
o-Terphenyl	*105*		*65 - 130*	*11/30/21 15:39*	*12/01/21 12:20*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-23 (3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-23

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.6		9.86		mg/Kg		12/01/21 09:35	12/02/21 10:59	1

Client Sample ID: BH-24 (3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-24

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 06:20	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 17:27	11/25/21 06:20	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 06:20	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 06:20	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 06:20	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 06:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*11/24/21 17:27*	*11/25/21 06:20*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*11/24/21 17:27*	*11/25/21 06:20*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*11/24/21 17:27*	*11/25/21 06:20*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*11/24/21 17:27*	*11/25/21 06:20*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/30/21 15:39	12/01/21 12:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/30/21 15:39	12/01/21 12:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/30/21 15:39	12/01/21 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*65 - 130*	*11/30/21 15:39*	*12/01/21 12:38*	*1*
o-Terphenyl	*105*		*65 - 130*	*11/30/21 15:39*	*12/01/21 12:38*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.4		9.82		mg/Kg		12/01/21 09:35	12/02/21 12:35	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-25(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-25

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 06:41	1
Toluene	<0.00501	U	0.00501		mg/Kg		11/24/21 17:27	11/25/21 06:41	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 06:41	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 06:41	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 06:41	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*11/24/21 17:27*	*11/25/21 06:41*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*11/24/21 17:27*	*11/25/21 06:41*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*11/24/21 17:27*	*11/25/21 06:41*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*11/24/21 17:27*	*11/25/21 06:41*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/30/21 15:39	12/01/21 12:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/30/21 15:39	12/01/21 12:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/30/21 15:39	12/01/21 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*65 - 130*	*11/30/21 15:39*	*12/01/21 12:56*	*1*
o-Terphenyl	*103*		*65 - 130*	*11/30/21 15:39*	*12/01/21 12:56*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.3**		9.86		mg/Kg		12/01/21 09:35	12/02/21 12:48	1

Client Sample ID: BH-26(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-26

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 07:02	1
Toluene	<0.00501	U	0.00501		mg/Kg		11/24/21 17:27	11/25/21 07:02	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 07:02	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 07:02	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 07:02	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 07:02	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-26(3)

Lab Sample ID: 890-1621-26
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150	11/24/21 17:27	11/25/21 07:02	1
4-Bromofluorobenzene (Surr)	96		68 - 152	11/24/21 17:27	11/25/21 07:02	1
Dibromofluoromethane (Surr)	107		53 - 142	11/24/21 17:27	11/25/21 07:02	1
Toluene-d8 (Surr)	97		70 - 130	11/24/21 17:27	11/25/21 07:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/30/21 15:39	12/01/21 13:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/30/21 15:39	12/01/21 13:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/30/21 15:39	12/01/21 13:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		65 - 130	11/30/21 15:39	12/01/21 13:14	1
o-Terphenyl	102		65 - 130	11/30/21 15:39	12/01/21 13:14	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.5		10.1		mg/Kg		12/03/21 18:46	12/04/21 09:47	1

Client Sample ID: BH-27(3)

Lab Sample ID: 890-1621-27
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 07:22	1
Toluene	<0.00501	U	0.00501		mg/Kg		11/24/21 17:27	11/25/21 07:22	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 07:22	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 07:22	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 07:22	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 07:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		56 - 150	11/24/21 17:27	11/25/21 07:22	1
4-Bromofluorobenzene (Surr)	93		68 - 152	11/24/21 17:27	11/25/21 07:22	1
Dibromofluoromethane (Surr)	106		53 - 142	11/24/21 17:27	11/25/21 07:22	1
Toluene-d8 (Surr)	96		70 - 130	11/24/21 17:27	11/25/21 07:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:31	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-27(3)

Lab Sample ID: 890-1621-27
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/30/21 15:39	12/01/21 13:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/30/21 15:39	12/01/21 13:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/30/21 15:39	12/01/21 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*65 - 130*	*11/30/21 15:39*	*12/01/21 13:32*	*1*
o-Terphenyl	*103*		*65 - 130*	*11/30/21 15:39*	*12/01/21 13:32*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.8**		9.84		mg/Kg		12/03/21 18:46	12/04/21 10:24	1

Client Sample ID: BH-28(3)

Lab Sample ID: 890-1621-28
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 07:43	1
Toluene	<0.00504	U	0.00504		mg/Kg		11/24/21 17:27	11/25/21 07:43	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 07:43	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 07:43	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 07:43	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*11/24/21 17:27*	*11/25/21 07:43*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*11/24/21 17:27*	*11/25/21 07:43*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*11/24/21 17:27*	*11/25/21 07:43*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*11/24/21 17:27*	*11/25/21 07:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 13:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 13:50	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-28(3)

Lab Sample ID: 890-1621-28
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*65 - 130*	*11/30/21 15:39*	*12/01/21 13:50*	*1*
o-Terphenyl	*105*		*65 - 130*	*11/30/21 15:39*	*12/01/21 13:50*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.6**		9.82		mg/Kg		12/03/21 18:46	12/04/21 11:01	1

Client Sample ID: BH-29(3)

Lab Sample ID: 890-1621-29
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 08:04	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 17:27	11/25/21 08:04	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 08:04	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 08:04	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 08:04	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 08:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*11/24/21 17:27*	*11/25/21 08:04*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*11/24/21 17:27*	*11/25/21 08:04*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*11/24/21 17:27*	*11/25/21 08:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*11/24/21 17:27*	*11/25/21 08:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 14:08	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 14:08	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*65 - 130*	*11/30/21 15:39*	*12/01/21 14:08*	*1*
o-Terphenyl	*104*		*65 - 130*	*11/30/21 15:39*	*12/01/21 14:08*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-29(3)

Lab Sample ID: 890-1621-29
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.6**		9.86		mg/Kg		12/03/21 18:46	12/04/21 11:13	1

Client Sample ID: BH-30(3)

Lab Sample ID: 890-1621-30
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		11/24/21 17:45	11/25/21 08:25	1
Toluene	<0.00498	U	0.00498		mg/Kg		11/24/21 17:45	11/25/21 08:25	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		11/24/21 17:45	11/25/21 08:25	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		11/24/21 17:45	11/25/21 08:25	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		11/24/21 17:45	11/25/21 08:25	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		11/24/21 17:45	11/25/21 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*11/24/21 17:45*	*11/25/21 08:25*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*11/24/21 17:45*	*11/25/21 08:25*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*11/24/21 17:45*	*11/25/21 08:25*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*11/24/21 17:45*	*11/25/21 08:25*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/30/21 15:39	12/01/21 16:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/30/21 15:39	12/01/21 16:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/30/21 15:39	12/01/21 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*65 - 130*	*11/30/21 15:39*	*12/01/21 16:49*	*1*
o-Terphenyl	*118*		*65 - 130*	*11/30/21 15:39*	*12/01/21 16:49*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.7**		9.94		mg/Kg		12/03/21 18:46	12/04/21 11:25	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-31(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-31

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:45	11/25/21 08:46	1
Toluene	<0.00499	U	0.00499		mg/Kg		11/24/21 17:45	11/25/21 08:46	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:45	11/25/21 08:46	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:45	11/25/21 08:46	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:45	11/25/21 08:46	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:45	11/25/21 08:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*11/24/21 17:45*	*11/25/21 08:46*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*11/24/21 17:45*	*11/25/21 08:46*	*1*
Dibromofluoromethane (Surr)	*108*		*53 - 142*	*11/24/21 17:45*	*11/25/21 08:46*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*11/24/21 17:45*	*11/25/21 08:46*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 18:04	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 18:04	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*65 - 130*	*11/30/21 15:39*	*12/01/21 18:04*	*1*
o-Terphenyl	*113*		*65 - 130*	*11/30/21 15:39*	*12/01/21 18:04*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.2**		9.88		mg/Kg		12/03/21 18:46	12/04/21 11:38	1

Client Sample ID: BH-32(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-32

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 09:07	1
Toluene	<0.00501	U	0.00501		mg/Kg		11/24/21 17:45	11/25/21 09:07	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 09:07	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:45	11/25/21 09:07	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 09:07	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:45	11/25/21 09:07	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-32(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-32

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		56 - 150	11/24/21 17:45	11/25/21 09:07	1
4-Bromofluorobenzene (Surr)	96		68 - 152	11/24/21 17:45	11/25/21 09:07	1
Dibromofluoromethane (Surr)	106		53 - 142	11/24/21 17:45	11/25/21 09:07	1
Toluene-d8 (Surr)	102		70 - 130	11/24/21 17:45	11/25/21 09:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 18:23	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 18:23	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		65 - 130	11/30/21 15:39	12/01/21 18:23	1
o-Terphenyl	118		65 - 130	11/30/21 15:39	12/01/21 18:23	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.6		9.84		mg/Kg		12/03/21 18:46	12/04/21 11:50	1

Client Sample ID: BH-33(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-33

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:45	11/25/21 09:27	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 17:45	11/25/21 09:27	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:45	11/25/21 09:27	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 17:45	11/25/21 09:27	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:45	11/25/21 09:27	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 17:45	11/25/21 09:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		56 - 150	11/24/21 17:45	11/25/21 09:27	1
4-Bromofluorobenzene (Surr)	93		68 - 152	11/24/21 17:45	11/25/21 09:27	1
Dibromofluoromethane (Surr)	110		53 - 142	11/24/21 17:45	11/25/21 09:27	1
Toluene-d8 (Surr)	100		70 - 130	11/24/21 17:45	11/25/21 09:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:31	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-33(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-33

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 18:43	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 18:43	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*65 - 130*	*11/30/21 15:39*	*12/01/21 18:43*	*1*
o-Terphenyl	*120*		*65 - 130*	*11/30/21 15:39*	*12/01/21 18:43*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.0**		10.2		mg/Kg		12/03/21 18:46	12/04/21 12:02	1

Client Sample ID: BH-34(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-34

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:45	11/25/21 09:48	1
Toluene	<0.00503	U	0.00503		mg/Kg		11/24/21 17:45	11/25/21 09:48	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:45	11/25/21 09:48	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 17:45	11/25/21 09:48	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:45	11/25/21 09:48	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 17:45	11/25/21 09:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*56 - 150*	*11/24/21 17:45*	*11/25/21 09:48*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*	*11/24/21 17:45*	*11/25/21 09:48*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*11/24/21 17:45*	*11/25/21 09:48*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*11/24/21 17:45*	*11/25/21 09:48*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 19:02	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 19:02	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-34(3)

Lab Sample ID: 890-1621-34
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*65 - 130*	*11/30/21 15:39*	*12/01/21 19:02*	*1*
o-Terphenyl	*113*		*65 - 130*	*11/30/21 15:39*	*12/01/21 19:02*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.2**		10.1		mg/Kg		12/03/21 18:46	12/04/21 12:15	1

Client Sample ID: BH-35(3)

Lab Sample ID: 890-1621-35
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 10:09	1
Toluene	<0.00501	U	0.00501		mg/Kg		11/24/21 17:45	11/25/21 10:09	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 10:09	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:45	11/25/21 10:09	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 10:09	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:45	11/25/21 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*11/24/21 17:45*	*11/25/21 10:09*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*11/24/21 17:45*	*11/25/21 10:09*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*11/24/21 17:45*	*11/25/21 10:09*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*11/24/21 17:45*	*11/25/21 10:09*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/02/21 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 19:23	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 19:23	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*65 - 130*	*11/30/21 15:39*	*12/01/21 19:23*	*1*
o-Terphenyl	*114*		*65 - 130*	*11/30/21 15:39*	*12/01/21 19:23*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-35(3)

Lab Sample ID: 890-1621-35
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.3**		10.1		mg/Kg		12/03/21 18:46	12/04/21 12:27	1

Client Sample ID: BH-36(3)

Lab Sample ID: 890-1621-36
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 10:30	1
Toluene	<0.00502	U	0.00502		mg/Kg		11/24/21 17:45	11/25/21 10:30	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 10:30	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 17:45	11/25/21 10:30	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 10:30	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 17:45	11/25/21 10:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*11/24/21 17:45*	*11/25/21 10:30*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*	*11/24/21 17:45*	*11/25/21 10:30*	*1*
Dibromofluoromethane (Surr)	*111*		*53 - 142*	*11/24/21 17:45*	*11/25/21 10:30*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*11/24/21 17:45*	*11/25/21 10:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/02/21 19:01	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		11/30/21 15:39	12/01/21 00:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 00:55	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/30/21 15:39	12/01/21 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*65 - 130*	*11/30/21 15:39*	*12/01/21 00:55*	*1*
o-Terphenyl	*103*		*65 - 130*	*11/30/21 15:39*	*12/01/21 00:55*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		10.2		mg/Kg		12/03/21 18:46	12/04/21 12:39	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-37(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-37

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:45	11/25/21 10:51	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 17:45	11/25/21 10:51	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:45	11/25/21 10:51	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 17:45	11/25/21 10:51	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:45	11/25/21 10:51	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 17:45	11/25/21 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*11/24/21 17:45*	*11/25/21 10:51*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*11/24/21 17:45*	*11/25/21 10:51*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*11/24/21 17:45*	*11/25/21 10:51*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*11/24/21 17:45*	*11/25/21 10:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/02/21 19:01	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	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 01:13	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 01:13	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/30/21 15:39	12/01/21 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*65 - 130*	*11/30/21 15:39*	*12/01/21 01:13*	*1*
o-Terphenyl	*101*		*65 - 130*	*11/30/21 15:39*	*12/01/21 01:13*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.9**		10.1		mg/Kg		12/03/21 18:46	12/04/21 13:41	1

Client Sample ID: BH-38(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-38

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 11:11	1
Toluene	<0.00502	U	0.00502		mg/Kg		11/24/21 17:45	11/25/21 11:11	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 11:11	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 17:45	11/25/21 11:11	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:45	11/25/21 11:11	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 17:45	11/25/21 11:11	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-38(3)

Lab Sample ID: 890-1621-38
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		56 - 150	11/24/21 17:45	11/25/21 11:11	1
4-Bromofluorobenzene (Surr)	94		68 - 152	11/24/21 17:45	11/25/21 11:11	1
Dibromofluoromethane (Surr)	107		53 - 142	11/24/21 17:45	11/25/21 11:11	1
Toluene-d8 (Surr)	101		70 - 130	11/24/21 17:45	11/25/21 11:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/03/21 15:15	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	<49.7	U	49.7		mg/Kg		11/30/21 15:39	12/01/21 01:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/30/21 15:39	12/01/21 01:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/30/21 15:39	12/01/21 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		65 - 130	11/30/21 15:39	12/01/21 01:32	1
o-Terphenyl	102		65 - 130	11/30/21 15:39	12/01/21 01:32	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.3		10.2		mg/Kg		12/03/21 18:46	12/04/21 13:54	1

Client Sample ID: BH-39(3)

Lab Sample ID: 890-1621-39
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:45	11/25/21 11:32	1
Toluene	<0.00499	U	0.00499		mg/Kg		11/24/21 17:45	11/25/21 11:32	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:45	11/25/21 11:32	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:45	11/25/21 11:32	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:45	11/25/21 11:32	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:45	11/25/21 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150	11/24/21 17:45	11/25/21 11:32	1
4-Bromofluorobenzene (Surr)	91		68 - 152	11/24/21 17:45	11/25/21 11:32	1
Dibromofluoromethane (Surr)	103		53 - 142	11/24/21 17:45	11/25/21 11:32	1
Toluene-d8 (Surr)	98		70 - 130	11/24/21 17:45	11/25/21 11:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:31	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-39(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-39

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/03/21 15:15	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	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 01:50	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 01:50	1
OIl Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/30/21 15:39	12/01/21 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*65 - 130*	*11/30/21 15:39*	*12/01/21 01:50*	*1*
o-Terphenyl	*101*		*65 - 130*	*11/30/21 15:39*	*12/01/21 01:50*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**157**		10.1		mg/Kg		12/03/21 18:46	12/04/21 14:06	1

Client Sample ID: BH-40(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-40

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:45	11/25/21 11:53	1
Toluene	<0.00503	U	0.00503		mg/Kg		11/24/21 17:45	11/25/21 11:53	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:45	11/25/21 11:53	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 17:45	11/25/21 11:53	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:45	11/25/21 11:53	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 17:45	11/25/21 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*11/24/21 17:45*	*11/25/21 11:53*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*11/24/21 17:45*	*11/25/21 11:53*	*1*
Dibromofluoromethane (Surr)	*111*		*53 - 142*	*11/24/21 17:45*	*11/25/21 11:53*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*11/24/21 17:45*	*11/25/21 11:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/03/21 15:15	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	<49.7	U	49.7		mg/Kg		11/30/21 15:43	11/30/21 19:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/30/21 15:43	11/30/21 19:25	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-40(3)

Lab Sample ID: 890-1621-40
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/30/21 15:43	11/30/21 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*65 - 130*	*11/30/21 15:43*	*11/30/21 19:25*	*1*
o-Terphenyl	*115*		*65 - 130*	*11/30/21 15:43*	*11/30/21 19:25*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**166**		10.2		mg/Kg		12/03/21 18:46	12/04/21 14:18	1

Client Sample ID: BH-41(3)

Lab Sample ID: 890-1621-41
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 16:42	1
Toluene	<0.00501	U	0.00501		mg/Kg		11/29/21 12:40	11/29/21 16:42	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 16:42	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/29/21 12:40	11/29/21 16:42	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 16:42	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/29/21 12:40	11/29/21 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*11/29/21 12:40*	*11/29/21 16:42*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*11/29/21 12:40*	*11/29/21 16:42*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*11/29/21 12:40*	*11/29/21 16:42*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*11/29/21 12:40*	*11/29/21 16:42*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/03/21 15:15	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	<50.2	U	50.2		mg/Kg		11/30/21 15:43	11/30/21 20:26	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/30/21 15:43	11/30/21 20:26	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/30/21 15:43	11/30/21 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*65 - 130*	*11/30/21 15:43*	*11/30/21 20:26*	*1*
o-Terphenyl	*109*		*65 - 130*	*11/30/21 15:43*	*11/30/21 20:26*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-41(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-41
Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		10.2		mg/Kg		12/03/21 18:46	12/04/21 14:31	1

Client Sample ID: BH-42(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-42
Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		11/29/21 12:40	11/29/21 17:03	1
Toluene	<0.00496	U	0.00496		mg/Kg		11/29/21 12:40	11/29/21 17:03	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		11/29/21 12:40	11/29/21 17:03	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 17:03	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		11/29/21 12:40	11/29/21 17:03	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*	*11/29/21 12:40*	*11/29/21 17:03*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*11/29/21 12:40*	*11/29/21 17:03*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*11/29/21 12:40*	*11/29/21 17:03*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*11/29/21 12:40*	*11/29/21 17:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/21 15:15	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	<50.0	U	50.0		mg/Kg		11/30/21 15:43	11/30/21 20:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/30/21 15:43	11/30/21 20:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/30/21 15:43	11/30/21 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*65 - 130*	*11/30/21 15:43*	*11/30/21 20:45*	*1*
o-Terphenyl	*112*		*65 - 130*	*11/30/21 15:43*	*11/30/21 20:45*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		10.2		mg/Kg		12/03/21 18:46	12/04/21 14:43	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-43(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-43

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		11/29/21 12:40	11/29/21 17:23	1
Toluene	<0.00497	U	0.00497		mg/Kg		11/29/21 12:40	11/29/21 17:23	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		11/29/21 12:40	11/29/21 17:23	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		11/29/21 12:40	11/29/21 17:23	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		11/29/21 12:40	11/29/21 17:23	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		11/29/21 12:40	11/29/21 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*11/29/21 12:40*	*11/29/21 17:23*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/29/21 12:40*	*11/29/21 17:23*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*11/29/21 12:40*	*11/29/21 17:23*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*11/29/21 12:40*	*11/29/21 17:23*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/03/21 15:15	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	<50.3	U	50.3		mg/Kg		11/30/21 15:43	11/30/21 21:06	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/30/21 15:43	11/30/21 21:06	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/30/21 15:43	11/30/21 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*65 - 130*	*11/30/21 15:43*	*11/30/21 21:06*	*1*
o-Terphenyl	*109*		*65 - 130*	*11/30/21 15:43*	*11/30/21 21:06*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**173**		9.82		mg/Kg		12/03/21 18:46	12/04/21 14:55	1

Client Sample ID: BH-44(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-44

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		11/29/21 12:40	11/29/21 17:43	1
Toluene	<0.00499	U	0.00499		mg/Kg		11/29/21 12:40	11/29/21 17:43	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		11/29/21 12:40	11/29/21 17:43	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/29/21 12:40	11/29/21 17:43	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		11/29/21 12:40	11/29/21 17:43	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/29/21 12:40	11/29/21 17:43	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-44(3)

Lab Sample ID: 890-1621-44

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	11/29/21 12:40	11/29/21 17:43	1
4-Bromofluorobenzene (Surr)	101		68 - 152	11/29/21 12:40	11/29/21 17:43	1
Dibromofluoromethane (Surr)	99		53 - 142	11/29/21 12:40	11/29/21 17:43	1
Toluene-d8 (Surr)	98		70 - 130	11/29/21 12:40	11/29/21 17:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.3	U	49.3		mg/Kg			12/03/21 15:15	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	<49.3	U	49.3		mg/Kg		11/30/21 15:43	11/30/21 21:26	1
Diesel Range Organics (Over C10-C28)	<49.3	U	49.3		mg/Kg		11/30/21 15:43	11/30/21 21:26	1
Oil Range Organics (Over C28-C36)	<49.3	U	49.3		mg/Kg		11/30/21 15:43	11/30/21 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		65 - 130	11/30/21 15:43	11/30/21 21:26	1
o-Terphenyl	103		65 - 130	11/30/21 15:43	11/30/21 21:26	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		9.86		mg/Kg		12/03/21 18:46	12/04/21 15:08	1

Client Sample ID: BH-45(3)

Lab Sample ID: 890-1621-45

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 18:04	1
Toluene	<0.00500	U	0.00500		mg/Kg		11/29/21 12:40	11/29/21 18:04	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 18:04	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/29/21 12:40	11/29/21 18:04	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 18:04	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/29/21 12:40	11/29/21 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	11/29/21 12:40	11/29/21 18:04	1
4-Bromofluorobenzene (Surr)	100		68 - 152	11/29/21 12:40	11/29/21 18:04	1
Dibromofluoromethane (Surr)	98		53 - 142	11/29/21 12:40	11/29/21 18:04	1
Toluene-d8 (Surr)	97		70 - 130	11/29/21 12:40	11/29/21 18:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/30/21 13:58	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-45(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-45

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/21 15:15	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	<49.9	U	49.9		mg/Kg		11/30/21 15:43	11/30/21 22:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/30/21 15:43	11/30/21 22:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/30/21 15:43	11/30/21 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*65 - 130*	*11/30/21 15:43*	*11/30/21 22:06*	*1*
o-Terphenyl	*112*		*65 - 130*	*11/30/21 15:43*	*11/30/21 22:06*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**197**		9.84		mg/Kg		12/03/21 18:46	12/04/21 15:20	1

Client Sample ID: BH-46(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-46

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 15:59	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/29/21 12:40	11/29/21 15:59	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 15:59	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 15:59	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 15:59	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*11/29/21 12:40*	*11/29/21 15:59*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*11/29/21 12:40*	*11/29/21 15:59*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*11/29/21 12:40*	*11/29/21 15:59*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*11/29/21 12:40*	*11/29/21 15:59*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/03/21 15:15	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	<50.3	U	50.3		mg/Kg		11/30/21 15:43	11/30/21 22:27	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/30/21 15:43	11/30/21 22:27	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-46(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-46
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/30/21 15:43	11/30/21 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*65 - 130*	*11/30/21 15:43*	*11/30/21 22:27*	*1*
o-Terphenyl	*112*		*65 - 130*	*11/30/21 15:43*	*11/30/21 22:27*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**197**		10.1		mg/Kg		12/04/21 21:23	12/05/21 12:46	1

Client Sample ID: BH-47(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-47
Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		11/29/21 12:40	11/29/21 16:21	1
Toluene	<0.00496	U	0.00496		mg/Kg		11/29/21 12:40	11/29/21 16:21	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		11/29/21 12:40	11/29/21 16:21	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 16:21	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		11/29/21 12:40	11/29/21 16:21	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*11/29/21 12:40*	*11/29/21 16:21*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*11/29/21 12:40*	*11/29/21 16:21*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*11/29/21 12:40*	*11/29/21 16:21*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*11/29/21 12:40*	*11/29/21 16:21*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/03/21 15:15	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	<49.6	U	49.6		mg/Kg		11/30/21 15:43	11/30/21 22:47	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/30/21 15:43	11/30/21 22:47	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/30/21 15:43	11/30/21 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*65 - 130*	*11/30/21 15:43*	*11/30/21 22:47*	*1*
o-Terphenyl	*104*		*65 - 130*	*11/30/21 15:43*	*11/30/21 22:47*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-47(3)

Lab Sample ID: 890-1621-47
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**189**	**F1**	10.1		mg/Kg		12/04/21 21:23	12/05/21 13:23	1

Client Sample ID: BH-48(3)

Lab Sample ID: 890-1621-48
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 16:43	1
Toluene	<0.00503	U	0.00503		mg/Kg		11/29/21 12:40	11/29/21 16:43	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 16:43	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/29/21 12:40	11/29/21 16:43	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 16:43	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/29/21 12:40	11/29/21 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*11/29/21 12:40*	*11/29/21 16:43*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*11/29/21 12:40*	*11/29/21 16:43*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*11/29/21 12:40*	*11/29/21 16:43*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*11/29/21 12:40*	*11/29/21 16:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.7	U	50.7		mg/Kg			12/03/21 15:17	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	<50.7	U	50.7		mg/Kg		11/30/21 15:43	11/30/21 23:07	1
Diesel Range Organics (Over C10-C28)	<50.7	U	50.7		mg/Kg		11/30/21 15:43	11/30/21 23:07	1
OII Range Organics (Over C28-C36)	<50.7	U	50.7		mg/Kg		11/30/21 15:43	11/30/21 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:07*	*1*
o-Terphenyl	*118*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:07*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.8**		9.94		mg/Kg		12/04/21 21:23	12/05/21 14:00	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-49(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-49

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 17:06	1
Toluene	<0.00500	U	0.00500		mg/Kg		11/29/21 12:40	11/29/21 17:06	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 17:06	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/29/21 12:40	11/29/21 17:06	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 17:06	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/29/21 12:40	11/29/21 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*11/29/21 12:40*	*11/29/21 17:06*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*11/29/21 12:40*	*11/29/21 17:06*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*11/29/21 12:40*	*11/29/21 17:06*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*11/29/21 12:40*	*11/29/21 17:06*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/03/21 15:17	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	<49.6	U	49.6		mg/Kg		11/30/21 15:43	11/30/21 23:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/30/21 15:43	11/30/21 23:27	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/30/21 15:43	11/30/21 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:27*	*1*
o-Terphenyl	*113*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:27*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.9**		9.92		mg/Kg		12/04/21 21:23	12/05/21 14:37	1

Client Sample ID: BH-50(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-50

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 17:28	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/29/21 12:40	11/29/21 17:28	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 17:28	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 17:28	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 17:28	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 17:28	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-50(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-50

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*11/29/21 12:40*	*11/29/21 17:28*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*	*11/29/21 12:40*	*11/29/21 17:28*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*11/29/21 12:40*	*11/29/21 17:28*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*11/29/21 12:40*	*11/29/21 17:28*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/03/21 15:17	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	<49.7	U	49.7		mg/Kg		11/30/21 15:43	11/30/21 23:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/30/21 15:43	11/30/21 23:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/30/21 15:43	11/30/21 23:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*110*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:48*	*1*
o-Terphenyl	*105*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:48*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.8**		9.88		mg/Kg		12/04/21 21:23	12/05/21 14:50	1

Client Sample ID: BH-51(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-51

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 17:50	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/29/21 12:40	11/29/21 17:50	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 17:50	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 17:50	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 17:50	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*11/29/21 12:40*	*11/29/21 17:50*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/29/21 12:40*	*11/29/21 17:50*	*1*
Dibromofluoromethane (Surr)	*104*		*53 - 142*	*11/29/21 12:40*	*11/29/21 17:50*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*11/29/21 12:40*	*11/29/21 17:50*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 13:58	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-51(3)

Lab Sample ID: 890-1621-51
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/21 15:17	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		11/30/21 15:43	12/01/21 00:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/30/21 15:43	12/01/21 00:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/30/21 15:43	12/01/21 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*65 - 130*	*11/30/21 15:43*	*12/01/21 00:28*	*1*
o-Terphenyl	*109*		*65 - 130*	*11/30/21 15:43*	*12/01/21 00:28*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.1**		9.86		mg/Kg		12/04/21 21:23	12/05/21 15:02	1

Client Sample ID: BH-52(3)

Lab Sample ID: 890-1621-52
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 18:12	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/29/21 12:40	11/29/21 18:12	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 18:12	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/29/21 12:40	11/29/21 18:12	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 18:12	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/29/21 12:40	11/29/21 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*11/29/21 12:40*	*11/29/21 18:12*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/29/21 12:40*	*11/29/21 18:12*	*1*
Dibromofluoromethane (Surr)	*112*		*53 - 142*	*11/29/21 12:40*	*11/29/21 18:12*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*11/29/21 12:40*	*11/29/21 18:12*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/03/21 15:17	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	<49.6	U	49.6		mg/Kg		11/30/21 15:43	11/30/21 22:47	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/30/21 15:43	11/30/21 22:47	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-52(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-52

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/30/21 15:43	11/30/21 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*65 - 130*	*11/30/21 15:43*	*11/30/21 22:47*	*1*
o-Terphenyl	*113*		*65 - 130*	*11/30/21 15:43*	*11/30/21 22:47*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.0**		10.1		mg/Kg		12/04/21 21:23	12/05/21 15:14	1

Client Sample ID: BH-53(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-53

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 18:34	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/29/21 12:40	11/29/21 18:34	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 18:34	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 18:34	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 18:34	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*11/29/21 12:40*	*11/29/21 18:34*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*11/29/21 12:40*	*11/29/21 18:34*	*1*
Dibromofluoromethane (Surr)	*112*		*53 - 142*	*11/29/21 12:40*	*11/29/21 18:34*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*11/29/21 12:40*	*11/29/21 18:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/21 15:17	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	<49.9	U	49.9		mg/Kg		11/30/21 15:43	11/30/21 23:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/30/21 15:43	11/30/21 23:07	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/30/21 15:43	11/30/21 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:07*	*1*
o-Terphenyl	*107*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:07*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-53(3)

Lab Sample ID: 890-1621-53
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.0**		10.2		mg/Kg		12/04/21 21:23	12/05/21 15:27	1

Client Sample ID: BH-54(3)

Lab Sample ID: 890-1621-54
Matrix: Solid
Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 18:56	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/29/21 12:40	11/29/21 18:56	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 18:56	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/29/21 12:40	11/29/21 18:56	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 18:56	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/29/21 12:40	11/29/21 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*11/29/21 12:40*	*11/29/21 18:56*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*11/29/21 12:40*	*11/29/21 18:56*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*11/29/21 12:40*	*11/29/21 18:56*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*11/29/21 12:40*	*11/29/21 18:56*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/03/21 15:17	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	<50.2	U	50.2		mg/Kg		11/30/21 15:43	11/30/21 23:27	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/30/21 15:43	11/30/21 23:27	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/30/21 15:43	11/30/21 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:27*	*1*
o-Terphenyl	*102*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:27*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.7**		10.2		mg/Kg		12/04/21 21:23	12/05/21 15:39	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-55(3)

Date Collected: 11/17/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 3

Lab Sample ID: 890-1621-55

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 19:18	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/29/21 12:40	11/29/21 19:18	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 19:18	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/29/21 12:40	11/29/21 19:18	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 19:18	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/29/21 12:40	11/29/21 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*11/29/21 12:40*	*11/29/21 19:18*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*11/29/21 12:40*	*11/29/21 19:18*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*11/29/21 12:40*	*11/29/21 19:18*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*11/29/21 12:40*	*11/29/21 19:18*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/30/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/03/21 15:17	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	<50.1	U	50.1		mg/Kg		11/30/21 15:43	11/30/21 23:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/30/21 15:43	11/30/21 23:48	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/30/21 15:43	11/30/21 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:48*	*1*
o-Terphenyl	*105*		*65 - 130*	*11/30/21 15:43*	*11/30/21 23:48*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.1**		10.2		mg/Kg		12/04/21 21:23	12/05/21 15:51	1

Client Sample ID: BH-56(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-56

Matrix: Solid

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		11/24/21 09:45	11/24/21 22:02	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/24/21 09:45	11/24/21 22:02	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		11/24/21 09:45	11/24/21 22:02	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		11/24/21 09:45	11/24/21 22:02	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		11/24/21 09:45	11/24/21 22:02	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		11/24/21 09:45	11/24/21 22:02	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-56(4.5)

Lab Sample ID: 890-1621-56
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/24/21 09:45	11/24/21 22:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/24/21 09:45	11/24/21 22:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/06/21 03:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/06/21 03:48	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/06/21 03:48	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/06/21 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	12/02/21 17:11	12/06/21 03:48	1
o-Terphenyl	115		70 - 130	12/02/21 17:11	12/06/21 03:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	410	F1	4.98		mg/Kg			12/06/21 15:48	1

Client Sample ID: BH-57(4.5)

Lab Sample ID: 890-1621-57
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/24/21 22:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:45	11/24/21 22:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:45	11/24/21 22:22	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/24/21 09:45	11/24/21 22:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:45	11/24/21 22:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/24/21 09:45	11/24/21 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	11/24/21 09:45	11/24/21 22:22	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/24/21 09:45	11/24/21 22:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-57(4.5)

Lab Sample ID: 890-1621-57
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 04:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 04:09	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 04:09	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*12/02/21 17:11*	*12/06/21 04:09*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/02/21 17:11*	*12/06/21 04:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**291**		5.04		mg/Kg			12/06/21 16:22	1

Client Sample ID: BH-58(4.5)

Lab Sample ID: 890-1621-58
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/24/21 22:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/24/21 22:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/24/21 22:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:45	11/24/21 22:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/24/21 22:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:45	11/24/21 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/24/21 09:45*	*11/24/21 22:43*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*11/24/21 09:45*	*11/24/21 22:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 04:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 04:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 04:30	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-58(4.5)

Lab Sample ID: 890-1621-58
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 17:11*	*12/06/21 04:30*	*1*
o-Terphenyl	*96*		*70 - 130*	*12/02/21 17:11*	*12/06/21 04:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**338**		4.99		mg/Kg			12/06/21 16:33	1

Client Sample ID: BH-59(4.5)

Lab Sample ID: 890-1621-59
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/24/21 23:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 23:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 23:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/24/21 23:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 23:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/24/21 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*11/24/21 09:45*	*11/24/21 23:03*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*11/24/21 09:45*	*11/24/21 23:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 17:11	12/06/21 04:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/06/21 04:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/06/21 04:51	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/06/21 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*12/02/21 17:11*	*12/06/21 04:51*	*1*
o-Terphenyl	*105*		*70 - 130*	*12/02/21 17:11*	*12/06/21 04:51*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-59(4.5)

Lab Sample ID: 890-1621-59
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	307		5.00		mg/Kg			12/06/21 16:45	1

Client Sample ID: BH-60(4.5)

Lab Sample ID: 890-1621-60
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/24/21 23:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:45	11/24/21 23:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:45	11/24/21 23:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 09:45	11/24/21 23:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:45	11/24/21 23:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 09:45	11/24/21 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*11/24/21 09:45*	*11/24/21 23:24*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*11/24/21 09:45*	*11/24/21 23:24*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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 F1 F2	49.9		mg/Kg		12/02/21 17:15	12/03/21 19:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:15	12/03/21 19:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:15	12/03/21 19:59	1
Total TPH	<49.9	U F2	49.9		mg/Kg		12/02/21 17:15	12/03/21 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*12/02/21 17:15*	*12/03/21 19:59*	*1*
o-Terphenyl	*95*		*70 - 130*	*12/02/21 17:15*	*12/03/21 19:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	394		4.95		mg/Kg			12/06/21 16:56	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-61(4.5)

Lab Sample ID: 890-1621-61
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/24/21 23:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 23:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 23:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 09:45	11/24/21 23:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 23:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 09:45	11/24/21 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*11/24/21 09:45*	*11/24/21 23:44*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*11/24/21 09:45*	*11/24/21 23:44*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:41	12/04/21 12:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 12:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 12:58	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 16:41*	*12/04/21 12:58*	*1*
o-Terphenyl	*87*		*70 - 130*	*12/02/21 16:41*	*12/04/21 12:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**273**		5.02		mg/Kg			12/06/21 18:27	1

Client Sample ID: BH-62 (4.5)

Lab Sample ID: 890-1621-62
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 00:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 00:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 00:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 09:45	11/25/21 00:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 00:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 09:45	11/25/21 00:05	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-62 (4.5)

Lab Sample ID: 890-1621-62
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	11/24/21 09:45	11/25/21 00:05	1
1,4-Difluorobenzene (Surr)	84		70 - 130	11/24/21 09:45	11/25/21 00:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 14:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 14:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 14:03	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	12/02/21 16:41	12/04/21 14:03	1
o-Terphenyl	83		70 - 130	12/02/21 16:41	12/04/21 14:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	243		4.97		mg/Kg			12/06/21 18:38	1

Client Sample ID: BH-63 (4.5)

Lab Sample ID: 890-1621-63
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 00:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 00:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 00:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 09:45	11/25/21 00:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 00:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 09:45	11/25/21 00:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/24/21 09:45	11/25/21 00:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130	11/24/21 09:45	11/25/21 00:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-63 (4.5)

Lab Sample ID: 890-1621-63
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:41	12/04/21 14:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 14:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 14:24	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 16:41*	*12/04/21 14:24*	*1*
o-Terphenyl	*85*		*70 - 130*	*12/02/21 16:41*	*12/04/21 14:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**318**		4.95		mg/Kg			12/06/21 18:50	1

Client Sample ID: BH-64 (4.5)

Lab Sample ID: 890-1621-64
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 00:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 00:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 00:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/25/21 00:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 00:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/25/21 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*11/24/21 09:45*	*11/25/21 00:45*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/24/21 09:45*	*11/25/21 00:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:41	12/04/21 14:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 14:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 14:45	1

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-64 (4.5)

Lab Sample ID: 890-1621-64
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 16:41*	*12/04/21 14:45*	*1*
o-Terphenyl	*86*		*70 - 130*	*12/02/21 16:41*	*12/04/21 14:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**286**		4.99		mg/Kg			12/06/21 19:08	1

Client Sample ID: BH-65(4.5)

Lab Sample ID: 890-1621-65
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 01:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/25/21 01:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/25/21 01:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:45	11/25/21 01:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/25/21 01:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:45	11/25/21 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/24/21 09:45*	*11/25/21 01:06*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*11/24/21 09:45*	*11/25/21 01:06*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 15:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 15:07	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 15:07	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*43*	*S1-*	*70 - 130*	*12/02/21 16:41*	*12/04/21 15:07*	*1*
o-Terphenyl	*87*		*70 - 130*	*12/02/21 16:41*	*12/04/21 15:07*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-65(4.5)

Lab Sample ID: 890-1621-65
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	325		5.00		mg/Kg			12/06/21 19:19	1

Client Sample ID: BH-66 (4.5)

Lab Sample ID: 890-1621-66
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 02:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:45	11/25/21 02:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:45	11/25/21 02:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/24/21 09:45	11/25/21 02:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:45	11/25/21 02:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/24/21 09:45	11/25/21 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*11/24/21 09:45*	*11/25/21 02:28*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*11/24/21 09:45*	*11/25/21 02:28*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:41	12/04/21 15:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 15:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 15:28	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*12/02/21 16:41*	*12/04/21 15:28*	*1*
o-Terphenyl	*84*		*70 - 130*	*12/02/21 16:41*	*12/04/21 15:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	296	F1	4.96		mg/Kg			12/06/21 19:31	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-67 (4.5)

Lab Sample ID: 890-1621-67
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 02:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:45	11/25/21 02:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:45	11/25/21 02:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 09:45	11/25/21 02:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:45	11/25/21 02:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 09:45	11/25/21 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*11/24/21 09:45*	*11/25/21 02:48*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*11/24/21 09:45*	*11/25/21 02:48*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 15:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 15:49	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 15:49	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 16:41*	*12/04/21 15:49*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 16:41*	*12/04/21 15:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1050**		5.04		mg/Kg			12/06/21 20:05	1

Client Sample ID: BH-68 (4.5)

Lab Sample ID: 890-1621-68
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 03:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/25/21 03:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/25/21 03:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:45	11/25/21 03:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/25/21 03:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:45	11/25/21 03:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-68 (4.5)

Lab Sample ID: 890-1621-68
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	11/24/21 09:45	11/25/21 03:09	1
1,4-Difluorobenzene (Surr)	79		70 - 130	11/24/21 09:45	11/25/21 03:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 16:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 16:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 16:11	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	12/02/21 16:41	12/04/21 16:11	1
o-Terphenyl	83		70 - 130	12/02/21 16:41	12/04/21 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1180		4.98		mg/Kg			12/06/21 20:16	1

Client Sample ID: BH-69 (4.5)

Lab Sample ID: 890-1621-69
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 03:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:45	11/25/21 03:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:45	11/25/21 03:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/24/21 09:45	11/25/21 03:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:45	11/25/21 03:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/24/21 09:45	11/25/21 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	11/24/21 09:45	11/25/21 03:29	1
1,4-Difluorobenzene (Surr)	105		70 - 130	11/24/21 09:45	11/25/21 03:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-69 (4.5)

Lab Sample ID: 890-1621-69
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:41	12/04/21 16:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 16:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 16:32	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 16:41*	*12/04/21 16:32*	*1*
o-Terphenyl	*84*		*70 - 130*	*12/02/21 16:41*	*12/04/21 16:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**		4.95		mg/Kg			12/06/21 20:50	1

Client Sample ID: BH-70 (4.5)

Lab Sample ID: 890-1621-70
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 03:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 03:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 03:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/25/21 03:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 03:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/25/21 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*11/24/21 09:45*	*11/25/21 03:49*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*11/24/21 09:45*	*11/25/21 03:49*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 16:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 16:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 16:53	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-70 (4.5)

Lab Sample ID: 890-1621-70
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 16:41*	*12/04/21 16:53*	*1*
o-Terphenyl	*86*		*70 - 130*	*12/02/21 16:41*	*12/04/21 16:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**421**		5.01		mg/Kg			12/06/21 21:02	1

Client Sample ID: BH-71 (4.5)

Lab Sample ID: 890-1621-71
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 04:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 04:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 04:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/25/21 04:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 04:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/25/21 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/24/21 09:45*	*11/25/21 04:10*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*11/24/21 09:45*	*11/25/21 04:10*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:41	12/04/21 17:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 17:36	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 17:36	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 16:41*	*12/04/21 17:36*	*1*
o-Terphenyl	*84*		*70 - 130*	*12/02/21 16:41*	*12/04/21 17:36*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-71 (4.5)

Lab Sample ID: 890-1621-71
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	383		4.97		mg/Kg			12/06/21 21:13	1

Client Sample ID: BH-72 (4.5)

Lab Sample ID: 890-1621-72
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 04:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:45	11/25/21 04:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:45	11/25/21 04:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/24/21 09:45	11/25/21 04:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:45	11/25/21 04:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/24/21 09:45	11/25/21 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*11/24/21 09:45*	*11/25/21 04:30*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*11/24/21 09:45*	*11/25/21 04:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 17:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 17:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 17:57	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 16:41*	*12/04/21 17:57*	*1*
o-Terphenyl	*85*		*70 - 130*	*12/02/21 16:41*	*12/04/21 17:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		5.00		mg/Kg			12/06/21 21:24	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-73 (4.5)

Lab Sample ID: 890-1621-73
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 04:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 04:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 04:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 09:45	11/25/21 04:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/25/21 04:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 09:45	11/25/21 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*11/24/21 09:45*	*11/25/21 04:51*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*11/24/21 09:45*	*11/25/21 04:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:41	12/04/21 18:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 18:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 18:18	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*12/02/21 16:41*	*12/04/21 18:18*	*1*
o-Terphenyl	*83*		*70 - 130*	*12/02/21 16:41*	*12/04/21 18:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.0**		5.00		mg/Kg			12/06/21 21:36	1

Client Sample ID: BH-74 (4.5)

Lab Sample ID: 890-1621-74
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 05:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/25/21 05:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/25/21 05:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:45	11/25/21 05:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:45	11/25/21 05:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:45	11/25/21 05:11	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-74 (4.5)

Lab Sample ID: 890-1621-74
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	11/24/21 09:45	11/25/21 05:11	1
1,4-Difluorobenzene (Surr)	98		70 - 130	11/24/21 09:45	11/25/21 05:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 18:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 18:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 18:39	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	12/02/21 16:41	12/04/21 18:39	1
o-Terphenyl	90		70 - 130	12/02/21 16:41	12/04/21 18:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	405		5.03		mg/Kg			12/06/21 21:47	1

Client Sample ID: BH-75 (4.5)

Lab Sample ID: 890-1621-75
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:45	11/25/21 05:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:45	11/25/21 05:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:45	11/25/21 05:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 09:45	11/25/21 05:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:45	11/25/21 05:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 09:45	11/25/21 05:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	11/24/21 09:45	11/25/21 05:31	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	11/24/21 09:45	11/25/21 05:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-75 (4.5)

Lab Sample ID: 890-1621-75
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 19:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 19:00	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 19:00	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*12/02/21 16:41*	*12/04/21 19:00*	*1*
o-Terphenyl	*82*		*70 - 130*	*12/02/21 16:41*	*12/04/21 19:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		5.04		mg/Kg			12/06/21 21:58	1

Client Sample ID: BH-76 (4.5)

Lab Sample ID: 890-1621-76
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 08:54	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/24/21 09:58	11/25/21 08:54	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		11/24/21 09:58	11/25/21 08:54	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		11/24/21 09:58	11/25/21 08:54	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		11/24/21 09:58	11/25/21 08:54	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		11/24/21 09:58	11/25/21 08:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/24/21 09:58*	*11/25/21 08:54*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 09:58*	*11/25/21 08:54*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:41	12/04/21 19:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 19:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 19:22	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-76 (4.5) Lab Sample ID: 890-1621-76

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*12/02/21 16:41*	*12/04/21 19:22*	*1*
o-Terphenyl	*92*		*70 - 130*	*12/02/21 16:41*	*12/04/21 19:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.5**		4.98		mg/Kg			12/08/21 23:33	1

Client Sample ID: BH-77 (4.5) Lab Sample ID: 890-1621-77

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 09:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 09:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 09:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 09:58	11/25/21 09:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 09:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 09:58	11/25/21 09:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*11/24/21 09:58*	*11/25/21 09:14*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*11/24/21 09:58*	*11/25/21 09:14*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:41	12/04/21 19:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 19:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 19:43	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:41	12/04/21 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*12/02/21 16:41*	*12/04/21 19:43*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 16:41*	*12/04/21 19:43*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-77 (4.5)

Lab Sample ID: 890-1621-77
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.4		5.04		mg/Kg			12/09/21 00:08	1

Client Sample ID: BH-78 (4.5)

Lab Sample ID: 890-1621-78
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 09:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:58	11/25/21 09:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:58	11/25/21 09:35	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/24/21 09:58	11/25/21 09:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:58	11/25/21 09:35	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/24/21 09:58	11/25/21 09:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*11/24/21 09:58*	*11/25/21 09:35*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/24/21 09:58*	*11/25/21 09:35*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 20:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 20:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 20:05	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*12/02/21 16:41*	*12/04/21 20:05*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/02/21 16:41*	*12/04/21 20:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.0		4.99		mg/Kg			12/09/21 00:20	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-79 (4.5)

Lab Sample ID: 890-1621-79
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 09:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 09:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 09:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 09:58	11/25/21 09:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 09:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 09:58	11/25/21 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*11/24/21 09:58*	*11/25/21 09:55*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/24/21 09:58*	*11/25/21 09:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 20:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 20:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 20:27	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 16:41*	*12/04/21 20:27*	*1*
o-Terphenyl	*83*		*70 - 130*	*12/02/21 16:41*	*12/04/21 20:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.7**		5.00		mg/Kg			12/09/21 00:32	1

Client Sample ID: BH-80 (4.5)

Lab Sample ID: 890-1621-80
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 10:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 10:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 10:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 10:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 10:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 10:16	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-80 (4.5)

Lab Sample ID: 890-1621-80

Date Collected: 11/19/21 00:00
Matrix: Solid
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	11/24/21 09:58	11/25/21 10:16	1
1,4-Difluorobenzene (Surr)	74		70 - 130	11/24/21 09:58	11/25/21 10:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 20:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 20:49	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 20:49	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:41	12/04/21 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	12/02/21 16:41	12/04/21 20:49	1
o-Terphenyl	86		70 - 130	12/02/21 16:41	12/04/21 20:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		4.95		mg/Kg			12/09/21 00:44	1

Client Sample ID: BH-81 (4.5)

Lab Sample ID: 890-1621-81

Date Collected: 11/19/21 00:00
Matrix: Solid
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 10:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 10:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 10:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 10:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 10:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 10:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	11/24/21 09:58	11/25/21 10:36	1
1,4-Difluorobenzene (Surr)	82		70 - 130	11/24/21 09:58	11/25/21 10:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-81 (4.5)

Lab Sample ID: 890-1621-81
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:48	12/04/21 22:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/04/21 22:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/04/21 22:39	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/04/21 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 16:48*	*12/04/21 22:39*	*1*
o-Terphenyl	*80*		*70 - 130*	*12/02/21 16:48*	*12/04/21 22:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**141**		5.02		mg/Kg			12/09/21 01:20	1

Client Sample ID: BH-82 (4.5)

Lab Sample ID: 890-1621-82
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 10:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:58	11/25/21 10:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:58	11/25/21 10:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 09:58	11/25/21 10:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:58	11/25/21 10:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 09:58	11/25/21 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/24/21 09:58*	*11/25/21 10:57*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*11/24/21 09:58*	*11/25/21 10:57*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/04/21 23:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/04/21 23:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/04/21 23:43	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-82 (4.5)
Lab Sample ID: 890-1621-82
Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/04/21 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 16:48*	*12/04/21 23:43*	*1*
o-Terphenyl	*85*		*70 - 130*	*12/02/21 16:48*	*12/04/21 23:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.97		mg/Kg			12/09/21 01:32	1

Client Sample ID: BH-83 (4.5)
Lab Sample ID: 890-1621-83
Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 11:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 11:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 11:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 09:58	11/25/21 11:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 11:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 09:58	11/25/21 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*11/24/21 09:58*	*11/25/21 11:17*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*11/24/21 09:58*	*11/25/21 11:17*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:48	12/05/21 00:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 00:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 00:04	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*12/02/21 16:48*	*12/05/21 00:04*	*1*
o-Terphenyl	*96*		*70 - 130*	*12/02/21 16:48*	*12/05/21 00:04*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-83 (4.5)

Lab Sample ID: 890-1621-83
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		4.95		mg/Kg			12/09/21 01:44	1

Client Sample ID: BH-84 (4.5)

Lab Sample ID: 890-1621-84
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 11:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:58	11/25/21 11:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:58	11/25/21 11:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/24/21 09:58	11/25/21 11:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:58	11/25/21 11:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/24/21 09:58	11/25/21 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 09:58*	*11/25/21 11:37*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*11/24/21 09:58*	*11/25/21 11:37*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:48	12/05/21 00:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 00:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 00:26	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 16:48*	*12/05/21 00:26*	*1*
o-Terphenyl	*89*		*70 - 130*	*12/02/21 16:48*	*12/05/21 00:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		4.99		mg/Kg			12/09/21 01:56	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-85 (4.5)

Lab Sample ID: 890-1621-85
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 11:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 09:58	11/25/21 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 11:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 09:58	11/25/21 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*11/24/21 09:58*	*11/25/21 11:58*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*11/24/21 09:58*	*11/25/21 11:58*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 00:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 00:48	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 00:48	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 16:48*	*12/05/21 00:48*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 16:48*	*12/05/21 00:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2190**		25.0		mg/Kg			12/09/21 02:07	5

Client Sample ID: BH-86 (4.5)

Lab Sample ID: 890-1621-86
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 13:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:58	11/25/21 13:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:58	11/25/21 13:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 09:58	11/25/21 13:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:58	11/25/21 13:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 09:58	11/25/21 13:20	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-86 (4.5)

Lab Sample ID: 890-1621-86
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	11/24/21 09:58	11/25/21 13:20	1
1,4-Difluorobenzene (Surr)	83		70 - 130	11/24/21 09:58	11/25/21 13:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:48	12/05/21 01:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 01:09	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 01:09	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	12/02/21 16:48	12/05/21 01:09	1
o-Terphenyl	91		70 - 130	12/02/21 16:48	12/05/21 01:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2270		24.8		mg/Kg			12/09/21 02:19	5

Client Sample ID: BH-87 (4.5)

Lab Sample ID: 890-1621-87
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 13:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:58	11/25/21 13:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:58	11/25/21 13:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 09:58	11/25/21 13:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 09:58	11/25/21 13:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 09:58	11/25/21 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	11/24/21 09:58	11/25/21 13:40	1
1,4-Difluorobenzene (Surr)	79		70 - 130	11/24/21 09:58	11/25/21 13:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-87 (4.5)

Lab Sample ID: 890-1621-87
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 01:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 01:30	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 01:30	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*12/02/21 16:48*	*12/05/21 01:30*	*1*
o-Terphenyl	*106*		*70 - 130*	*12/02/21 16:48*	*12/05/21 01:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2290**		25.2		mg/Kg			12/09/21 02:55	5

Client Sample ID: BH-88 (4.5)

Lab Sample ID: 890-1621-88
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 14:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 14:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 14:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 14:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 14:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*11/24/21 09:58*	*11/25/21 14:01*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*11/24/21 09:58*	*11/25/21 14:01*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 01:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 01:52	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 01:52	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-88 (4.5)
Lab Sample ID: 890-1621-88
Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*12/02/21 16:48*	*12/05/21 01:52*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 16:48*	*12/05/21 01:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2430**		24.9		mg/Kg			12/09/21 03:07	5

Client Sample ID: BH-89 (4.5)
Lab Sample ID: 890-1621-89
Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 14:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 14:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 14:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 14:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 14:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/24/21 09:58*	*11/25/21 14:21*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*11/24/21 09:58*	*11/25/21 14:21*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:48	12/05/21 02:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 02:13	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 02:13	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*12/02/21 16:48*	*12/05/21 02:13*	*1*
o-Terphenyl	*106*		*70 - 130*	*12/02/21 16:48*	*12/05/21 02:13*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-89 (4.5)

Lab Sample ID: 890-1621-89
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2270		24.8		mg/Kg			12/09/21 03:43	5

Client Sample ID: BH-90 (4.5)

Lab Sample ID: 890-1621-90
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 14:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 14:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 14:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 14:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 14:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/24/21 09:58*	*11/25/21 14:42*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/24/21 09:58*	*11/25/21 14:42*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 02:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 02:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 02:35	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*12/02/21 16:48*	*12/05/21 02:35*	*1*
o-Terphenyl	*85*		*70 - 130*	*12/02/21 16:48*	*12/05/21 02:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2370		25.1		mg/Kg			12/09/21 03:55	5

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-91 (4.5)

Lab Sample ID: 890-1621-91
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 15:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 15:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 15:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 15:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 15:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*11/24/21 09:58*	*11/25/21 15:02*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*11/24/21 09:58*	*11/25/21 15:02*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:48	12/05/21 03:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 03:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 03:18	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 16:48*	*12/05/21 03:18*	*1*
o-Terphenyl	*84*		*70 - 130*	*12/02/21 16:48*	*12/05/21 03:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3760**		24.9		mg/Kg			12/09/21 04:07	5

Client Sample ID: BH-92 (4.5)

Lab Sample ID: 890-1621-92
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 15:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:58	11/25/21 15:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:58	11/25/21 15:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/24/21 09:58	11/25/21 15:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:58	11/25/21 15:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/24/21 09:58	11/25/21 15:23	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-92 (4.5)

Lab Sample ID: 890-1621-92
Date Collected: 11/19/21 00:00
Matrix: Solid
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	11/24/21 09:58	11/25/21 15:23	1
1,4-Difluorobenzene (Surr)	80		70 - 130	11/24/21 09:58	11/25/21 15:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 03:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 03:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 03:39	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 03:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/02/21 16:48	12/05/21 03:39	1
o-Terphenyl	87		70 - 130	12/02/21 16:48	12/05/21 03:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4350		25.0		mg/Kg			12/09/21 04:18	5

Client Sample ID: BH-93 (4.5)

Lab Sample ID: 890-1621-93
Date Collected: 11/19/21 00:00
Matrix: Solid
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 15:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:58	11/25/21 15:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:58	11/25/21 15:43	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/24/21 09:58	11/25/21 15:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 09:58	11/25/21 15:43	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/24/21 09:58	11/25/21 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	11/24/21 09:58	11/25/21 15:43	1
1,4-Difluorobenzene (Surr)	76		70 - 130	11/24/21 09:58	11/25/21 15:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-93 (4.5)

Lab Sample ID: 890-1621-93
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:48	12/05/21 04:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 04:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 04:00	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 16:48*	*12/05/21 04:00*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 16:48*	*12/05/21 04:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4220**		25.0		mg/Kg			12/09/21 04:30	5

Client Sample ID: BH-94 (4.5)

Lab Sample ID: 890-1621-94
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 16:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:58	11/25/21 16:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:58	11/25/21 16:03	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/24/21 09:58	11/25/21 16:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 09:58	11/25/21 16:03	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/24/21 09:58	11/25/21 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*11/24/21 09:58*	*11/25/21 16:03*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/24/21 09:58*	*11/25/21 16:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 04:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 04:21	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 04:21	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-94 (4.5)

Lab Sample ID: 890-1621-94
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 16:48*	*12/05/21 04:21*	*1*
o-Terphenyl	*85*		*70 - 130*	*12/02/21 16:48*	*12/05/21 04:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3410**		25.2		mg/Kg			12/09/21 04:42	5

Client Sample ID: BH-95 (4.5)

Lab Sample ID: 890-1621-95
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 09:58	11/25/21 16:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 16:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 16:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 16:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 09:58	11/25/21 16:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 09:58	11/25/21 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*11/24/21 09:58*	*11/25/21 16:24*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/24/21 09:58*	*11/25/21 16:24*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 04:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 04:42	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 04:42	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 16:48*	*12/05/21 04:42*	*1*
o-Terphenyl	*90*		*70 - 130*	*12/02/21 16:48*	*12/05/21 04:42*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-95 (4.5)

Lab Sample ID: 890-1621-95
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3970		25.2		mg/Kg			12/09/21 04:54	5

Client Sample ID: BH-96 (4.5)

Lab Sample ID: 890-1621-96
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		11/24/21 08:15	11/24/21 11:39	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		11/24/21 08:15	11/24/21 11:39	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		11/24/21 08:15	11/24/21 11:39	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		11/24/21 08:15	11/24/21 11:39	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		11/24/21 08:15	11/24/21 11:39	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		11/24/21 08:15	11/24/21 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*11/24/21 08:15*	*11/24/21 11:39*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/24/21 08:15*	*11/24/21 11:39*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:48	12/05/21 05:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 05:03	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 05:03	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 16:48*	*12/05/21 05:03*	*1*
o-Terphenyl	*90*		*70 - 130*	*12/02/21 16:48*	*12/05/21 05:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4800	F1	24.9		mg/Kg			12/08/21 22:00	5

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-97 (4.5)

Lab Sample ID: 890-1621-97
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 12:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 12:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 12:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 12:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 12:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 08:15*	*11/24/21 12:00*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 08:15*	*11/24/21 12:00*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:48	12/05/21 05:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 05:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 05:25	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:48	12/05/21 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 16:48*	*12/05/21 05:25*	*1*
o-Terphenyl	*87*		*70 - 130*	*12/02/21 16:48*	*12/05/21 05:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4640**		25.2		mg/Kg			12/08/21 22:20	5

Client Sample ID: BH-98 (4.5)

Lab Sample ID: 890-1621-98
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 12:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 12:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 12:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 12:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 12:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 12:20	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-98 (4.5)

Lab Sample ID: 890-1621-98
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/24/21 08:15	11/24/21 12:20	1
1,4-Difluorobenzene (Surr)	72		70 - 130	11/24/21 08:15	11/24/21 12:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 05:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 05:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 05:46	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 05:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	12/02/21 16:48	12/05/21 05:46	1
o-Terphenyl	95		70 - 130	12/02/21 16:48	12/05/21 05:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5010		25.0		mg/Kg			12/08/21 22:26	5

Client Sample ID: BH-99 (4.5)

Lab Sample ID: 890-1621-99
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 12:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 08:15	11/24/21 12:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 08:15	11/24/21 12:41	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/24/21 08:15	11/24/21 12:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 08:15	11/24/21 12:41	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/24/21 08:15	11/24/21 12:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	11/24/21 08:15	11/24/21 12:41	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/24/21 08:15	11/24/21 12:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-99 (4.5)

Lab Sample ID: 890-1621-99
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 06:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 06:07	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 06:07	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/05/21 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 16:48*	*12/05/21 06:07*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 16:48*	*12/05/21 06:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.4**		5.00		mg/Kg			12/08/21 22:33	1

Client Sample ID: BH-100 (4.5)

Lab Sample ID: 890-1621-100
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 13:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 08:15	11/24/21 13:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 08:15	11/24/21 13:01	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/24/21 08:15	11/24/21 13:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 08:15	11/24/21 13:01	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/24/21 08:15	11/24/21 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*11/24/21 08:15*	*11/24/21 13:01*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/24/21 08:15*	*11/24/21 13:01*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 06:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 06:29	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 06:29	1

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-100 (4.5)
Lab Sample ID: 890-1621-100
Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:48	12/05/21 06:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*12/02/21 16:48*	*12/05/21 06:29*	*1*
o-Terphenyl	*87*		*70 - 130*	*12/02/21 16:48*	*12/05/21 06:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.0**		4.97		mg/Kg			12/05/21 00:10	1

Client Sample ID: BH-101 (4.5)
Lab Sample ID: 890-1621-101
Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 13:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 13:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 13:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 13:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 13:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/24/21 08:15*	*11/24/21 13:22*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/24/21 08:15*	*11/24/21 13:22*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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 F1	49.9		mg/Kg		12/02/21 16:51	12/04/21 12:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		12/02/21 16:51	12/04/21 12:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 12:58	1
Total TPH	<49.9	U F1	49.9		mg/Kg		12/02/21 16:51	12/04/21 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*12/02/21 16:51*	*12/04/21 12:58*	*1*
o-Terphenyl	*112*		*70 - 130*	*12/02/21 16:51*	*12/04/21 12:58*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-101 (4.5)

Lab Sample ID: 890-1621-101
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2350		25.0		mg/Kg			12/05/21 00:18	5

Client Sample ID: BH-102(4.5)

Lab Sample ID: 890-1621-102
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 13:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 13:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 13:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 13:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 13:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*11/24/21 08:15*	*11/24/21 13:42*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/24/21 08:15*	*11/24/21 13:42*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 14:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 14:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 14:03	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 16:51*	*12/04/21 14:03*	*1*
o-Terphenyl	*116*		*70 - 130*	*12/02/21 16:51*	*12/04/21 14:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1280		5.00		mg/Kg			12/05/21 00:27	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-103(4.5)

Lab Sample ID: 890-1621-103
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 14:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 14:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 14:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 14:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 14:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*11/24/21 08:15*	*11/24/21 14:02*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 08:15*	*11/24/21 14:02*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:51	12/04/21 14:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 14:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 14:24	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*12/02/21 16:51*	*12/04/21 14:24*	*1*
o-Terphenyl	*109*		*70 - 130*	*12/02/21 16:51*	*12/04/21 14:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1960**		25.2		mg/Kg			12/05/21 00:35	5

Client Sample ID: BH-104(4.5)

Lab Sample ID: 890-1621-104
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 14:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 14:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 14:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 14:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 14:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 14:23	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-104(4.5)

Lab Sample ID: 890-1621-104
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/24/21 08:15*	*11/24/21 14:23*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/24/21 08:15*	*11/24/21 14:23*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:51	12/04/21 14:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 14:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 14:45	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*96*		*70 - 130*	*12/02/21 16:51*	*12/04/21 14:45*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/02/21 16:51*	*12/04/21 14:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1850**		25.2		mg/Kg			12/05/21 18:59	5

Client Sample ID: BH-105(4.5)

Lab Sample ID: 890-1621-105
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 14:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 14:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 14:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 08:15	11/24/21 14:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 14:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 08:15	11/24/21 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/24/21 08:15*	*11/24/21 14:43*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/24/21 08:15*	*11/24/21 14:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-105(4.5)

Lab Sample ID: 890-1621-105
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 15:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 15:07	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 15:07	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 16:51*	*12/04/21 15:07*	*1*
o-Terphenyl	*112*		*70 - 130*	*12/02/21 16:51*	*12/04/21 15:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1980**	**F1**	24.9		mg/Kg			12/05/21 14:15	5

Client Sample ID: BH-106(4.5)

Lab Sample ID: 890-1621-106
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 16:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 16:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 16:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 16:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 16:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 08:15*	*11/24/21 16:33*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/24/21 08:15*	*11/24/21 16:33*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:51	12/04/21 15:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 15:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 15:28	1

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-106(4.5) Lab Sample ID: 890-1621-106

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*12/02/21 16:51*	*12/04/21 15:28*	*1*
o-Terphenyl	*112*		*70 - 130*	*12/02/21 16:51*	*12/04/21 15:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1960**		25.2		mg/Kg			12/05/21 14:40	5

Client Sample ID: BH-107(4.5) Lab Sample ID: 890-1621-107

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 16:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 08:15	11/24/21 16:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 08:15	11/24/21 16:54	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/24/21 08:15	11/24/21 16:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 08:15	11/24/21 16:54	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/24/21 08:15	11/24/21 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*11/24/21 08:15*	*11/24/21 16:54*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 08:15*	*11/24/21 16:54*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 15:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 15:49	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 15:49	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*12/02/21 16:51*	*12/04/21 15:49*	*1*
o-Terphenyl	*113*		*70 - 130*	*12/02/21 16:51*	*12/04/21 15:49*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-107(4.5)

Lab Sample ID: 890-1621-107
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1930		25.0		mg/Kg			12/05/21 14:48	5

Client Sample ID: BH-108(4.5)

Lab Sample ID: 890-1621-108
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 17:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 17:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 17:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 08:15	11/24/21 17:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 17:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 08:15	11/24/21 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*11/24/21 08:15*	*11/24/21 17:14*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/24/21 08:15*	*11/24/21 17:14*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 16:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 16:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 16:11	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*12/02/21 16:51*	*12/04/21 16:11*	*1*
o-Terphenyl	*114*		*70 - 130*	*12/02/21 16:51*	*12/04/21 16:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2080		25.0		mg/Kg			12/05/21 14:57	5

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-109(4.5)

Lab Sample ID: 890-1621-109
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 17:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 17:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 17:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 17:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 17:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*61*	*S1-*	*70 - 130*	*11/24/21 08:15*	*11/24/21 17:35*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/24/21 08:15*	*11/24/21 17:35*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:51	12/04/21 16:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 16:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 16:32	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*12/02/21 16:51*	*12/04/21 16:32*	*1*
o-Terphenyl	*110*		*70 - 130*	*12/02/21 16:51*	*12/04/21 16:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2080**		24.8		mg/Kg			12/05/21 15:05	5

Client Sample ID: BH-110(4.5)

Lab Sample ID: 890-1621-110
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 17:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 17:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 17:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 17:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:15	11/24/21 17:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:15	11/24/21 17:55	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-110(4.5)

Lab Sample ID: 890-1621-110
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	11/24/21 08:15	11/24/21 17:55	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/24/21 08:15	11/24/21 17:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 16:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 16:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 16:53	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	12/02/21 16:51	12/04/21 16:53	1
o-Terphenyl	110		70 - 130	12/02/21 16:51	12/04/21 16:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1870		25.1		mg/Kg			12/05/21 15:30	5

Client Sample ID: BH-111(4.5)

Lab Sample ID: 890-1621-111
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 18:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:15	11/24/21 18:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:15	11/24/21 18:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 08:15	11/24/21 18:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:15	11/24/21 18:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 08:15	11/24/21 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	11/24/21 08:15	11/24/21 18:15	1
1,4-Difluorobenzene (Surr)	102		70 - 130	11/24/21 08:15	11/24/21 18:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-111(4.5)

Lab Sample ID: 890-1621-111
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:51	12/04/21 17:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 17:36	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 17:36	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*12/02/21 16:51*	*12/04/21 17:36*	*1*
o-Terphenyl	*109*		*70 - 130*	*12/02/21 16:51*	*12/04/21 17:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1410**		4.97		mg/Kg			12/05/21 15:38	1

Client Sample ID: BH-112(4.5)

Lab Sample ID: 890-1621-112
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 18:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:15	11/24/21 18:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:15	11/24/21 18:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 08:15	11/24/21 18:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:15	11/24/21 18:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 08:15	11/24/21 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 08:15*	*11/24/21 18:36*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*11/24/21 08:15*	*11/24/21 18:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 17:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 17:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 17:57	1

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-112(4.5) Lab Sample ID: 890-1621-112

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 16:51*	*12/04/21 17:57*	*1*
o-Terphenyl	*113*		*70 - 130*	*12/02/21 16:51*	*12/04/21 17:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1390**		4.95		mg/Kg			12/05/21 15:47	1

Client Sample ID: BH-113(4.5) Lab Sample ID: 890-1621-113

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 18:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 18:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 18:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 18:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 18:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/24/21 08:15*	*11/24/21 18:56*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 08:15*	*11/24/21 18:56*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:51	12/04/21 18:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 18:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 18:18	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*12/02/21 16:51*	*12/04/21 18:18*	*1*
o-Terphenyl	*107*		*70 - 130*	*12/02/21 16:51*	*12/04/21 18:18*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-113(4.5)

Lab Sample ID: 890-1621-113
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340		4.99		mg/Kg			12/05/21 15:55	1

Client Sample ID: BH-114(4.5)

Lab Sample ID: 890-1621-114
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 19:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 19:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 19:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 08:15	11/24/21 19:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 19:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 08:15	11/24/21 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*11/24/21 08:15*	*11/24/21 19:17*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/24/21 08:15*	*11/24/21 19:17*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 18:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 18:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 18:39	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*12/02/21 16:51*	*12/04/21 18:39*	*1*
o-Terphenyl	*115*		*70 - 130*	*12/02/21 16:51*	*12/04/21 18:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1270		5.00		mg/Kg			12/05/21 16:03	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-115(4.5)

Lab Sample ID: 890-1621-115
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:15	11/24/21 19:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 19:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 19:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 19:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 19:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:15	11/24/21 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*11/24/21 08:15*	*11/24/21 19:37*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/24/21 08:15*	*11/24/21 19:37*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 19:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 19:00	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 19:00	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*12/02/21 16:51*	*12/04/21 19:00*	*1*
o-Terphenyl	*113*		*70 - 130*	*12/02/21 16:51*	*12/04/21 19:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1350**		4.96		mg/Kg			12/05/21 16:12	1

Client Sample ID: BH-116(4.5)

Lab Sample ID: 890-1621-116
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		11/24/21 08:20	11/24/21 23:15	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		11/24/21 08:20	11/24/21 23:15	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		11/24/21 08:20	11/24/21 23:15	1
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.00401		mg/Kg		11/24/21 08:20	11/24/21 23:15	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		11/24/21 08:20	11/24/21 23:15	1
Xylenes, Total	<0.00401	U F1 F2	0.00401		mg/Kg		11/24/21 08:20	11/24/21 23:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-116(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-116

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*11/24/21 08:20*	*11/24/21 23:15*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 08:20*	*11/24/21 23:15*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:51	12/04/21 19:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 19:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 19:22	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*100*		*70 - 130*	*12/02/21 16:51*	*12/04/21 19:22*	*1*
o-Terphenyl	*113*		*70 - 130*	*12/02/21 16:51*	*12/04/21 19:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1330**		5.04		mg/Kg			12/05/21 16:37	1

Client Sample ID: BH-117(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-117

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/24/21 23:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/24/21 23:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/24/21 23:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/24/21 23:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/24/21 23:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/24/21 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*11/24/21 08:20*	*11/24/21 23:35*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/24/21 08:20*	*11/24/21 23:35*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-117(4.5)

Lab Sample ID: 890-1621-117
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:51	12/04/21 19:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 19:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 19:43	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:51	12/04/21 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*12/02/21 16:51*	*12/04/21 19:43*	*1*
o-Terphenyl	*116*		*70 - 130*	*12/02/21 16:51*	*12/04/21 19:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1240**		4.98		mg/Kg			12/05/21 16:45	1

Client Sample ID: BH-118(4.5)

Lab Sample ID: 890-1621-118
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/24/21 23:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/24/21 23:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/24/21 23:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/24/21 23:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/24/21 23:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/24/21 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*11/24/21 08:20*	*11/24/21 23:56*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/24/21 08:20*	*11/24/21 23:56*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 20:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 20:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 20:05	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-118(4.5) Lab Sample ID: 890-1621-118

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*12/02/21 16:51*	*12/04/21 20:05*	*1*
o-Terphenyl	*109*		*70 - 130*	*12/02/21 16:51*	*12/04/21 20:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1360**		4.95		mg/Kg			12/05/21 17:11	1

Client Sample ID: BH-119(4.5) Lab Sample ID: 890-1621-119

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 00:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 00:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 00:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 00:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 00:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*11/24/21 08:20*	*11/25/21 00:16*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 08:20*	*11/25/21 00:16*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 20:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 20:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 20:27	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 16:51*	*12/04/21 20:27*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/02/21 16:51*	*12/04/21 20:27*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-119(4.5)

Lab Sample ID: 890-1621-119
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	413		5.01		mg/Kg			12/05/21 17:19	1

Client Sample ID: BH-120(4.5)

Lab Sample ID: 890-1621-120
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 00:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 00:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 00:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 00:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 00:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*11/24/21 08:20*	*11/25/21 00:37*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/24/21 08:20*	*11/25/21 00:37*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 20:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 20:49	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 20:49	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:51	12/04/21 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 16:51*	*12/04/21 20:49*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/02/21 16:51*	*12/04/21 20:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	478		4.97		mg/Kg			12/05/21 17:27	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-121(4.5)

Lab Sample ID: 890-1621-121
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 00:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 08:20	11/25/21 00:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 08:20	11/25/21 00:57	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/24/21 08:20	11/25/21 00:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 08:20	11/25/21 00:57	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/24/21 08:20	11/25/21 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*11/24/21 08:20*	*11/25/21 00:57*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 08:20*	*11/25/21 00:57*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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 F1 F2	49.9		mg/Kg		12/02/21 16:56	12/04/21 22:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		12/02/21 16:56	12/04/21 22:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/04/21 22:39	1
Total TPH	<49.9	U F1	49.9		mg/Kg		12/02/21 16:56	12/04/21 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*12/02/21 16:56*	*12/04/21 22:39*	*1*
o-Terphenyl	*124*		*70 - 130*	*12/02/21 16:56*	*12/04/21 22:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**462**		5.00		mg/Kg			12/05/21 17:36	1

Client Sample ID: BH-122(4.5)

Lab Sample ID: 890-1621-122
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 01:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 01:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 01:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 01:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 01:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 01:18	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-122(4.5) Lab Sample ID: 890-1621-122

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	11/24/21 08:20	11/25/21 01:18	1
1,4-Difluorobenzene (Surr)	87		70 - 130	11/24/21 08:20	11/25/21 01:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/04/21 23:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/04/21 23:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/04/21 23:43	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/04/21 23:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	12/02/21 16:56	12/04/21 23:43	1
o-Terphenyl	111		70 - 130	12/02/21 16:56	12/04/21 23:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	459		5.00		mg/Kg			12/05/21 17:44	1

Client Sample ID: BH-123(4.5) Lab Sample ID: 890-1621-123

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 01:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 01:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 01:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 01:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 01:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	11/24/21 08:20	11/25/21 01:38	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/24/21 08:20	11/25/21 01:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-123(4.5)

Lab Sample ID: 890-1621-123
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:56	12/05/21 00:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 00:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 00:04	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*12/02/21 16:56*	*12/05/21 00:04*	*1*
o-Terphenyl	*126*		*70 - 130*	*12/02/21 16:56*	*12/05/21 00:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**415**		5.03		mg/Kg			12/05/21 17:52	1

Client Sample ID: BH-124(4.5)

Lab Sample ID: 890-1621-124
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 01:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 01:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 01:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 01:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 01:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*11/24/21 08:20*	*11/25/21 01:58*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 08:20*	*11/25/21 01:58*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:56	12/05/21 00:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 00:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 00:26	1

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-124(4.5) Lab Sample ID: 890-1621-124

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*12/02/21 16:56*	*12/05/21 00:26*	*1*
o-Terphenyl	*116*		*70 - 130*	*12/02/21 16:56*	*12/05/21 00:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**488**		5.04		mg/Kg			12/05/21 18:01	1

Client Sample ID: BH-125(4.5) Lab Sample ID: 890-1621-125

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 02:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 02:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 02:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 02:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 02:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*11/24/21 08:20*	*11/25/21 02:19*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*11/24/21 08:20*	*11/25/21 02:19*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 00:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 00:48	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 00:48	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*12/02/21 16:56*	*12/05/21 00:48*	*1*
o-Terphenyl	*114*		*70 - 130*	*12/02/21 16:56*	*12/05/21 00:48*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-125(4.5)

Lab Sample ID: 890-1621-125
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	461		4.98		mg/Kg			12/05/21 20:06	1

Client Sample ID: BH-126(4.5)

Lab Sample ID: 890-1621-126
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 04:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 04:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 04:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 04:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 04:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/24/21 08:20*	*11/25/21 04:08*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/24/21 08:20*	*11/25/21 04:08*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:56	12/05/21 01:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 01:09	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 01:09	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*12/02/21 16:56*	*12/05/21 01:09*	*1*
o-Terphenyl	*117*		*70 - 130*	*12/02/21 16:56*	*12/05/21 01:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	451		5.04		mg/Kg			12/05/21 20:31	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-127(4.5)

Lab Sample ID: 890-1621-127
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 04:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 04:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 04:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 08:20	11/25/21 04:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 04:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 08:20	11/25/21 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*11/24/21 08:20*	*11/25/21 04:29*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/24/21 08:20*	*11/25/21 04:29*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 01:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 01:30	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 01:30	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 16:56*	*12/05/21 01:30*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/02/21 16:56*	*12/05/21 01:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1140**		4.98		mg/Kg			12/06/21 09:01	1

Client Sample ID: BH-128(4.5)

Lab Sample ID: 890-1621-128
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 04:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:20	11/25/21 04:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:20	11/25/21 04:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 08:20	11/25/21 04:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:20	11/25/21 04:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 08:20	11/25/21 04:49	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-128(4.5)

Lab Sample ID: 890-1621-128
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	11/24/21 08:20	11/25/21 04:49	1
1,4-Difluorobenzene (Surr)	88		70 - 130	11/24/21 08:20	11/25/21 04:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 01:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 01:52	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 01:52	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 01:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	12/02/21 16:56	12/05/21 01:52	1
o-Terphenyl	113		70 - 130	12/02/21 16:56	12/05/21 01:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1320		5.04		mg/Kg			12/06/21 09:26	1

Client Sample ID: BH-129(4.5)

Lab Sample ID: 890-1621-129
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 05:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 05:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 05:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 05:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 05:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	11/24/21 08:20	11/25/21 05:10	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/24/21 08:20	11/25/21 05:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-129(4.5)

Lab Sample ID: 890-1621-129
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:56	12/05/21 02:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 02:13	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 02:13	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*12/02/21 16:56*	*12/05/21 02:13*	*1*
o-Terphenyl	*114*		*70 - 130*	*12/02/21 16:56*	*12/05/21 02:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1030**		4.99		mg/Kg			12/06/21 09:35	1

Client Sample ID: BH-130(4.5)

Lab Sample ID: 890-1621-130
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 05:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 05:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 05:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 05:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 05:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 08:20*	*11/25/21 05:30*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 08:20*	*11/25/21 05:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 02:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 02:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 02:35	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-130(4.5) Lab Sample ID: 890-1621-130

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 16:56*	*12/05/21 02:35*	*1*
o-Terphenyl	*114*		*70 - 130*	*12/02/21 16:56*	*12/05/21 02:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**		5.00		mg/Kg			12/06/21 09:43	1

Client Sample ID: BH-131(4.5) Lab Sample ID: 890-1621-131

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 05:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 05:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 05:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 05:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 05:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 05:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/24/21 08:20*	*11/25/21 05:51*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/24/21 08:20*	*11/25/21 05:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:56	12/05/21 03:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 03:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 03:18	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 16:56*	*12/05/21 03:18*	*1*
o-Terphenyl	*112*		*70 - 130*	*12/02/21 16:56*	*12/05/21 03:18*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-131(4.5)

Lab Sample ID: 890-1621-131
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		4.95		mg/Kg			12/06/21 09:52	1

Client Sample ID: BH-132(4.5)

Lab Sample ID: 890-1621-132
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 06:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 06:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 06:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 06:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 06:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*11/24/21 08:20*	*11/25/21 06:11*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/24/21 08:20*	*11/25/21 06:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 03:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 03:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 03:39	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 16:56*	*12/05/21 03:39*	*1*
o-Terphenyl	*112*		*70 - 130*	*12/02/21 16:56*	*12/05/21 03:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		5.02		mg/Kg			12/06/21 10:17	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-133(4.5)

Lab Sample ID: 890-1621-133
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 06:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 06:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 06:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 06:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 06:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*11/24/21 08:20*	*11/25/21 06:31*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*11/24/21 08:20*	*11/25/21 06:31*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:56	12/05/21 04:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 04:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 04:00	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*12/02/21 16:56*	*12/05/21 04:00*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/02/21 16:56*	*12/05/21 04:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1080**		4.97		mg/Kg			12/06/21 10:25	1

Client Sample ID: BH-134(4.5)

Lab Sample ID: 890-1621-134
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 06:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 06:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 06:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 06:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:20	11/25/21 06:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:20	11/25/21 06:52	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-134(4.5) Lab Sample ID: 890-1621-134

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	11/24/21 08:20	11/25/21 06:52	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/24/21 08:20	11/25/21 06:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 04:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 04:21	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 04:21	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 04:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	12/02/21 16:56	12/05/21 04:21	1
o-Terphenyl	113		70 - 130	12/02/21 16:56	12/05/21 04:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1300**		4.95		mg/Kg			12/06/21 10:33	1

Client Sample ID: BH-135(4.5) Lab Sample ID: 890-1621-135

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:20	11/25/21 07:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 07:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 07:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 07:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/25/21 07:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:20	11/25/21 07:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	11/24/21 08:20	11/25/21 07:12	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/24/21 08:20	11/25/21 07:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-135(4.5)

Lab Sample ID: 890-1621-135
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 04:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 04:42	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 04:42	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*12/02/21 16:56*	*12/05/21 04:42*	*1*
o-Terphenyl	*115*		*70 - 130*	*12/02/21 16:56*	*12/05/21 04:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**664**		4.99		mg/Kg			12/06/21 10:42	1

Client Sample ID: BH-136(4.5)

Lab Sample ID: 890-1621-136
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		11/24/21 08:23	11/25/21 10:50	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		11/24/21 08:23	11/25/21 10:50	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		11/24/21 08:23	11/25/21 10:50	1
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.00401		mg/Kg		11/24/21 08:23	11/25/21 10:50	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		11/24/21 08:23	11/25/21 10:50	1
Xylenes, Total	<0.00401	U F1 F2	0.00401		mg/Kg		11/24/21 08:23	11/25/21 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/24/21 08:23*	*11/25/21 10:50*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/24/21 08:23*	*11/25/21 10:50*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:56	12/05/21 05:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 05:03	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 05:03	1

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-136(4.5) Lab Sample ID: 890-1621-136

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*12/02/21 16:56*	*12/05/21 05:03*	*1*
o-Terphenyl	*116*		*70 - 130*	*12/02/21 16:56*	*12/05/21 05:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**596**		5.00		mg/Kg			12/06/21 10:50	1

Client Sample ID: BH-137(4.5) Lab Sample ID: 890-1621-137

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 11:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:23	11/25/21 11:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:23	11/25/21 11:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 08:23	11/25/21 11:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:23	11/25/21 11:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 08:23	11/25/21 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*11/24/21 08:23*	*11/25/21 11:11*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 08:23*	*11/25/21 11:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 16:56	12/05/21 05:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 05:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 05:25	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 16:56	12/05/21 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*12/02/21 16:56*	*12/05/21 05:25*	*1*
o-Terphenyl	*113*		*70 - 130*	*12/02/21 16:56*	*12/05/21 05:25*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-137(4.5)

Lab Sample ID: 890-1621-137
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**510**		4.96		mg/Kg			12/06/21 10:59	1

Client Sample ID: BH-138(4.5)

Lab Sample ID: 890-1621-138
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 11:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:23	11/25/21 11:31	1
o-Xylene	**0.00210**		0.00200		mg/Kg		11/24/21 08:23	11/25/21 11:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:23	11/25/21 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*11/24/21 08:23*	*11/25/21 11:31*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 08:23*	*11/25/21 11:31*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 05:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 05:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 05:46	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 05:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*12/02/21 16:56*	*12/05/21 05:46*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*12/02/21 16:56*	*12/05/21 05:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**676**		5.04		mg/Kg			12/06/21 11:24	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-139(4.5)

Lab Sample ID: 890-1621-139
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 11:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 11:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 11:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 11:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 11:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*11/24/21 08:23*	*11/25/21 11:52*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/24/21 08:23*	*11/25/21 11:52*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 06:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 06:07	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 06:07	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/05/21 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*12/02/21 16:56*	*12/05/21 06:07*	*1*
o-Terphenyl	*117*		*70 - 130*	*12/02/21 16:56*	*12/05/21 06:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**666**		4.98		mg/Kg			12/06/21 11:32	1

Client Sample ID: BH-140(4.5)

Lab Sample ID: 890-1621-140
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 12:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 12:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 12:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 12:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 12:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 12:12	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-140(4.5)

Lab Sample ID: 890-1621-140
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	11/24/21 08:23	11/25/21 12:12	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/24/21 08:23	11/25/21 12:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 06:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 06:29	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 06:29	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 16:56	12/05/21 06:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	12/02/21 16:56	12/05/21 06:29	1
o-Terphenyl	106		70 - 130	12/02/21 16:56	12/05/21 06:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1810		24.8		mg/Kg			12/08/21 22:40	5

Client Sample ID: BH-141(4.5)

Lab Sample ID: 890-1621-141
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 12:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 08:23	11/25/21 12:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 08:23	11/25/21 12:32	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/24/21 08:23	11/25/21 12:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 08:23	11/25/21 12:32	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/24/21 08:23	11/25/21 12:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	11/24/21 08:23	11/25/21 12:32	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/24/21 08:23	11/25/21 12:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-141(4.5)

Lab Sample ID: 890-1621-141
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 17:00	12/05/21 11:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		12/02/21 17:00	12/05/21 11:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 11:34	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 17:00*	*12/05/21 11:34*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 17:00*	*12/05/21 11:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1800**		25.1		mg/Kg			12/08/21 23:00	5

Client Sample ID: BH-142(4.5)

Lab Sample ID: 890-1621-142
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 12:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 12:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 12:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 12:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 12:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*11/24/21 08:23*	*11/25/21 12:53*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/24/21 08:23*	*11/25/21 12:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 12:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 12:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 12:39	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-142(4.5) Lab Sample ID: 890-1621-142

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 17:00*	*12/05/21 12:39*	*1*
o-Terphenyl	*93*		*70 - 130*	*12/02/21 17:00*	*12/05/21 12:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1490**		4.97		mg/Kg			12/08/21 23:06	1

Client Sample ID: BH-143(4.5) Lab Sample ID: 890-1621-143

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 13:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 13:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 13:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 13:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 13:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/24/21 08:23*	*11/25/21 13:13*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/24/21 08:23*	*11/25/21 13:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 17:00	12/05/21 13:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 13:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 13:00	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 17:00*	*12/05/21 13:00*	*1*
o-Terphenyl	*91*		*70 - 130*	*12/02/21 17:00*	*12/05/21 13:00*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-143(4.5)

Lab Sample ID: 890-1621-143
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		4.95		mg/Kg			12/08/21 23:13	1

Client Sample ID: BH-144(4.5)

Lab Sample ID: 890-1621-144
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 13:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 13:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 13:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:23	11/25/21 13:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 13:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:23	11/25/21 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*11/24/21 08:23*	*11/25/21 13:34*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 08:23*	*11/25/21 13:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 17:00	12/05/21 13:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 13:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 13:22	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 17:00*	*12/05/21 13:22*	*1*
o-Terphenyl	*90*		*70 - 130*	*12/02/21 17:00*	*12/05/21 13:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		4.99		mg/Kg			12/08/21 23:20	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-145(4.5)

Lab Sample ID: 890-1621-145
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 13:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 13:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 13:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 08:23	11/25/21 13:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 13:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 08:23	11/25/21 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*11/24/21 08:23*	*11/25/21 13:54*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/24/21 08:23*	*11/25/21 13:54*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 13:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 13:43	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 13:43	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*12/02/21 17:00*	*12/05/21 13:43*	*1*
o-Terphenyl	*90*		*70 - 130*	*12/02/21 17:00*	*12/05/21 13:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1420**		5.00		mg/Kg			12/08/21 23:26	1

Client Sample ID: BH-146(4.5)

Lab Sample ID: 890-1621-146
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 15:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 15:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 15:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 08:23	11/25/21 15:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 15:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 08:23	11/25/21 15:44	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-146(4.5)

Lab Sample ID: 890-1621-146
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/24/21 08:23*	*11/25/21 15:44*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/24/21 08:23*	*11/25/21 15:44*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 17:00	12/05/21 14:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 14:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 14:04	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*12/02/21 17:00*	*12/05/21 14:04*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 17:00*	*12/05/21 14:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1380**		4.96		mg/Kg			12/08/21 23:33	1

Client Sample ID: BH-147(4.5)

Lab Sample ID: 890-1621-147
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 16:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:23	11/25/21 16:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:23	11/25/21 16:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 08:23	11/25/21 16:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:23	11/25/21 16:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 08:23	11/25/21 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*11/24/21 08:23*	*11/25/21 16:04*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/24/21 08:23*	*11/25/21 16:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-147(4.5)

Lab Sample ID: 890-1621-147
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 14:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 14:26	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 14:26	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*12/02/21 17:00*	*12/05/21 14:26*	*1*
o-Terphenyl	*105*		*70 - 130*	*12/02/21 17:00*	*12/05/21 14:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1210**		25.2		mg/Kg			12/09/21 10:45	5

Client Sample ID: BH-148(4.5)

Lab Sample ID: 890-1621-148
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 16:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 16:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 16:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 16:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 16:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*11/24/21 08:23*	*11/25/21 16:25*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 08:23*	*11/25/21 16:25*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 14:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 14:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 14:47	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-148(4.5) Lab Sample ID: 890-1621-148

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 17:00*	*12/05/21 14:47*	*1*
o-Terphenyl	*91*		*70 - 130*	*12/02/21 17:00*	*12/05/21 14:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1160**		24.9		mg/Kg			12/09/21 10:51	5

Client Sample ID: BH-149(4.5) Lab Sample ID: 890-1621-149

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 16:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 16:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 16:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 08:23	11/25/21 16:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 16:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 08:23	11/25/21 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*11/24/21 08:23*	*11/25/21 16:45*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/24/21 08:23*	*11/25/21 16:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 17:00	12/05/21 15:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 15:08	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 15:08	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*12/02/21 17:00*	*12/05/21 15:08*	*1*
o-Terphenyl	*91*		*70 - 130*	*12/02/21 17:00*	*12/05/21 15:08*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-149(4.5)

Lab Sample ID: 890-1621-149
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1680		24.8		mg/Kg			12/09/21 00:20	5

Client Sample ID: BH-150(4.5)

Lab Sample ID: 890-1621-150
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 17:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 17:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 17:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:23	11/25/21 17:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 17:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:23	11/25/21 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*11/24/21 08:23*	*11/25/21 17:05*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 08:23*	*11/25/21 17:05*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 15:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 15:29	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*12/02/21 17:00*	*12/05/21 15:29*	*1*
o-Terphenyl	*84*		*70 - 130*	*12/02/21 17:00*	*12/05/21 15:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1360		5.01		mg/Kg			12/09/21 00:26	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-151(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-151

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 17:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 17:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 17:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 17:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 17:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*11/24/21 08:23*	*11/25/21 17:26*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/24/21 08:23*	*11/25/21 17:26*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 17:00	12/05/21 16:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 16:12	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 16:12	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 17:00*	*12/05/21 16:12*	*1*
o-Terphenyl	*91*		*70 - 130*	*12/02/21 17:00*	*12/05/21 16:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1350**		4.97		mg/Kg			12/09/21 00:33	1

Client Sample ID: BH-152(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-152

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 17:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 17:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 17:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 17:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 08:23	11/25/21 17:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 08:23	11/25/21 17:46	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-152(4.5)

Lab Sample ID: 890-1621-152
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	11/24/21 08:23	11/25/21 17:46	1
1,4-Difluorobenzene (Surr)	89		70 - 130	11/24/21 08:23	11/25/21 17:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 16:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 16:33	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	12/02/21 17:00	12/05/21 16:33	1
o-Terphenyl	88		70 - 130	12/02/21 17:00	12/05/21 16:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00		mg/Kg			12/09/21 00:39	1

Client Sample ID: BH-153(4.5)

Lab Sample ID: 890-1621-153
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 18:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 18:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 18:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 08:23	11/25/21 18:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 18:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 08:23	11/25/21 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	11/24/21 08:23	11/25/21 18:07	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/24/21 08:23	11/25/21 18:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:09	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-153(4.5)

Lab Sample ID: 890-1621-153
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:45	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		12/02/21 17:00	12/05/21 16:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 16:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 16:54	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 17:00*	*12/05/21 16:54*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 17:00*	*12/05/21 16:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1430**		5.00		mg/Kg			12/09/21 00:46	1

Client Sample ID: BH-154 (4.5)

Lab Sample ID: 890-1621-154
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 18:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 08:23	11/25/21 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 18:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 08:23	11/25/21 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*11/24/21 08:23*	*11/25/21 18:27*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 08:23*	*11/25/21 18:27*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:45	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	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 17:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 17:15	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 17:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-154 (4.5)

Lab Sample ID: 890-1621-154
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*12/02/21 17:00*	*12/05/21 17:15*	*1*
o-Terphenyl	*90*		*70 - 130*	*12/02/21 17:00*	*12/05/21 17:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1900**		25.2		mg/Kg			12/09/21 00:53	5

Client Sample ID: BH-155(4.5)

Lab Sample ID: 890-1621-155
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 08:23	11/25/21 18:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:23	11/25/21 18:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:23	11/25/21 18:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 08:23	11/25/21 18:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 08:23	11/25/21 18:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 08:23	11/25/21 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*11/24/21 08:23*	*11/25/21 18:48*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 08:23*	*11/25/21 18:48*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:45	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	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 17:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 17:37	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 17:37	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*12/02/21 17:00*	*12/05/21 17:37*	*1*
o-Terphenyl	*85*		*70 - 130*	*12/02/21 17:00*	*12/05/21 17:37*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-155(4.5)

Lab Sample ID: 890-1621-155
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1360		5.04		mg/Kg			12/09/21 00:59	1

Client Sample ID: BH-156(4.5)

Lab Sample ID: 890-1621-156
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1 F2	0.00199		mg/Kg		11/24/21 10:59	11/25/21 00:30	1
Toluene	<0.00199	U F1 F2	0.00199		mg/Kg		11/24/21 10:59	11/25/21 00:30	1
Ethylbenzene	<0.00199	U F1 F2	0.00199		mg/Kg		11/24/21 10:59	11/25/21 00:30	1
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.00398		mg/Kg		11/24/21 10:59	11/25/21 00:30	1
o-Xylene	<0.00199	U F1 F2	0.00199		mg/Kg		11/24/21 10:59	11/25/21 00:30	1
Xylenes, Total	<0.00398	U F1 F2	0.00398		mg/Kg		11/24/21 10:59	11/25/21 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*11/24/21 10:59*	*11/25/21 00:30*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/24/21 10:59*	*11/25/21 00:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:00	12/05/21 17:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 17:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 17:58	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*12/02/21 17:00*	*12/05/21 17:58*	*1*
o-Terphenyl	*90*		*70 - 130*	*12/02/21 17:00*	*12/05/21 17:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1160		4.98		mg/Kg			12/05/21 21:44	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-157(4.5)

Lab Sample ID: 890-1621-157
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 00:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 00:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 00:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 10:59	11/25/21 00:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 00:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 10:59	11/25/21 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*11/24/21 10:59*	*11/25/21 00:55*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/24/21 10:59*	*11/25/21 00:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:00	12/05/21 18:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 18:19	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 18:19	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:00	12/05/21 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 17:00*	*12/05/21 18:19*	*1*
o-Terphenyl	*91*		*70 - 130*	*12/02/21 17:00*	*12/05/21 18:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1250**		5.04		mg/Kg			12/05/21 22:18	1

Client Sample ID: BH-158(4.5)

Lab Sample ID: 890-1621-158
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 01:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 01:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 01:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 10:59	11/25/21 01:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 01:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 10:59	11/25/21 01:21	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-158(4.5)

Lab Sample ID: 890-1621-158
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/24/21 10:59	11/25/21 01:21	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/24/21 10:59	11/25/21 01:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:00	12/05/21 18:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 18:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 18:40	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	12/02/21 17:00	12/05/21 18:40	1
o-Terphenyl	92		70 - 130	12/02/21 17:00	12/05/21 18:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		4.99		mg/Kg			12/05/21 22:29	1

Client Sample ID: BH-159(4.5)

Lab Sample ID: 890-1621-159
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 01:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:59	11/25/21 01:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:59	11/25/21 01:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 10:59	11/25/21 01:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:59	11/25/21 01:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 10:59	11/25/21 01:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	11/24/21 10:59	11/25/21 01:47	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/24/21 10:59	11/25/21 01:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-159(4.5)

Lab Sample ID: 890-1621-159
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:00	12/05/21 19:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 19:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 19:01	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*12/02/21 17:00*	*12/05/21 19:01*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/02/21 17:00*	*12/05/21 19:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1300**		5.00		mg/Kg			12/05/21 22:41	1

Client Sample ID: BH-160(4.5)

Lab Sample ID: 890-1621-160
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 02:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 02:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 02:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/24/21 10:59	11/25/21 02:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 02:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/24/21 10:59	11/25/21 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/24/21 10:59*	*11/25/21 02:13*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/24/21 10:59*	*11/25/21 02:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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		12/02/21 17:00	12/05/21 19:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 19:22	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 19:22	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-160(4.5)

Lab Sample ID: 890-1621-160
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:00	12/05/21 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*12/02/21 17:00*	*12/05/21 19:22*	*1*
o-Terphenyl	*85*		*70 - 130*	*12/02/21 17:00*	*12/05/21 19:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1140**		4.95		mg/Kg			12/05/21 22:52	1

Client Sample ID: BH-161(4.5)

Lab Sample ID: 890-1621-161
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 02:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 02:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 02:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 02:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 02:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*11/24/21 10:59*	*11/25/21 02:39*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*11/24/21 10:59*	*11/25/21 02:39*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/05/21 21:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/05/21 21:08	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/05/21 21:08	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/05/21 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*12/02/21 17:03*	*12/05/21 21:08*	*1*
o-Terphenyl	*91*		*70 - 130*	*12/02/21 17:03*	*12/05/21 21:08*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-161(4.5)

Lab Sample ID: 890-1621-161
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		25.1		mg/Kg			12/05/21 23:26	5

Client Sample ID: BH-162(4.5)

Lab Sample ID: 890-1621-162
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 03:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:59	11/25/21 03:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:59	11/25/21 03:05	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/24/21 10:59	11/25/21 03:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:59	11/25/21 03:05	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/24/21 10:59	11/25/21 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*11/24/21 10:59*	*11/25/21 03:05*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/24/21 10:59*	*11/25/21 03:05*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/05/21 22:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/05/21 22:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/05/21 22:11	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/05/21 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*12/02/21 17:03*	*12/05/21 22:11*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/02/21 17:03*	*12/05/21 22:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1530		24.9		mg/Kg			12/05/21 23:38	5

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-163(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-163

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 03:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 03:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 03:31	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/24/21 10:59	11/25/21 03:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 03:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/24/21 10:59	11/25/21 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 10:59*	*11/25/21 03:31*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 10:59*	*11/25/21 03:31*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/05/21 22:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/05/21 22:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/05/21 22:32	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/05/21 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*12/02/21 17:03*	*12/05/21 22:32*	*1*
o-Terphenyl	*84*		*70 - 130*	*12/02/21 17:03*	*12/05/21 22:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1180**		4.95		mg/Kg			12/05/21 23:49	1

Client Sample ID: BH-164(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-164

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 03:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 03:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 03:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 10:59	11/25/21 03:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 03:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 10:59	11/25/21 03:57	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-164(4.5)

Lab Sample ID: 890-1621-164
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*11/24/21 10:59*	*11/25/21 03:57*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*11/24/21 10:59*	*11/25/21 03:57*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/05/21 22:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/05/21 22:53	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/05/21 22:53	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/05/21 22:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*84*		*70 - 130*	*12/02/21 17:03*	*12/05/21 22:53*	*1*
o-Terphenyl	*84*		*70 - 130*	*12/02/21 17:03*	*12/05/21 22:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1460**		4.99		mg/Kg			12/06/21 00:01	1

Client Sample ID: BH-165(4.5)

Lab Sample ID: 890-1621-165
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 04:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 04:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 04:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 10:59	11/25/21 04:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 04:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 10:59	11/25/21 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*11/24/21 10:59*	*11/25/21 04:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 10:59*	*11/25/21 04:23*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-165(4.5)

Lab Sample ID: 890-1621-165
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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 *1	49.8		mg/Kg		12/02/21 17:03	12/05/21 23:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		12/02/21 17:03	12/05/21 23:14	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:03	12/05/21 23:14	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:03	12/05/21 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 17:03*	*12/05/21 23:14*	*1*
o-Terphenyl	*89*		*70 - 130*	*12/02/21 17:03*	*12/05/21 23:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1580**		25.0		mg/Kg			12/06/21 00:12	5

Client Sample ID: BH-166(4.5)

Lab Sample ID: 890-1621-166
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 06:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 06:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 06:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 10:59	11/25/21 06:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 06:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 10:59	11/25/21 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*11/24/21 10:59*	*11/25/21 06:07*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*11/24/21 10:59*	*11/25/21 06:07*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/05/21 23:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/05/21 23:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/05/21 23:35	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-166(4.5)

Lab Sample ID: 890-1621-166
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/05/21 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*12/02/21 17:03*	*12/05/21 23:35*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 17:03*	*12/05/21 23:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1490**	**F1**	24.8		mg/Kg			12/06/21 00:23	5

Client Sample ID: BH-167(4.5)

Lab Sample ID: 890-1621-167
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 06:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 06:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 06:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 06:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 06:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*11/24/21 10:59*	*11/25/21 06:34*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*11/24/21 10:59*	*11/25/21 06:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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 *1	49.8		mg/Kg		12/02/21 17:03	12/05/21 23:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		12/02/21 17:03	12/05/21 23:57	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:03	12/05/21 23:57	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:03	12/05/21 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*12/02/21 17:03*	*12/05/21 23:57*	*1*
o-Terphenyl	*86*		*70 - 130*	*12/02/21 17:03*	*12/05/21 23:57*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-167(4.5)

Lab Sample ID: 890-1621-167
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		25.2		mg/Kg			12/06/21 00:58	5

Client Sample ID: BH-168(4.5)

Lab Sample ID: 890-1621-168
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 07:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 07:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 07:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 07:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 07:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*11/24/21 10:59*	*11/25/21 07:01*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*11/24/21 10:59*	*11/25/21 07:01*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 00:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 00:18	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*12/02/21 17:03*	*12/06/21 00:18*	*1*
o-Terphenyl	*99*		*70 - 130*	*12/02/21 17:03*	*12/06/21 00:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770		24.9		mg/Kg			12/06/21 01:09	5

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-169(4.5)

Lab Sample ID: 890-1621-169
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 07:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:59	11/25/21 07:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:59	11/25/21 07:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/24/21 10:59	11/25/21 07:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:59	11/25/21 07:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/24/21 10:59	11/25/21 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*11/24/21 10:59*	*11/25/21 07:27*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/24/21 10:59*	*11/25/21 07:27*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 00:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 00:39	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*12/02/21 17:03*	*12/06/21 00:39*	*1*
o-Terphenyl	*90*		*70 - 130*	*12/02/21 17:03*	*12/06/21 00:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1890**		24.8		mg/Kg			12/06/21 01:43	5

Client Sample ID: BH-170(4.5)

Lab Sample ID: 890-1621-170
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 07:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 07:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 07:53	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/24/21 10:59	11/25/21 07:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:59	11/25/21 07:53	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/24/21 10:59	11/25/21 07:53	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-170(4.5) Lab Sample ID: 890-1621-170

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*11/24/21 10:59*	*11/25/21 07:53*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/24/21 10:59*	*11/25/21 07:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/06/21 01:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/06/21 01:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/06/21 01:00	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/06/21 01:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*89*		*70 - 130*	*12/02/21 17:03*	*12/06/21 01:00*	*1*
o-Terphenyl	*90*		*70 - 130*	*12/02/21 17:03*	*12/06/21 01:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1670**		25.1		mg/Kg			12/06/21 01:55	5

Client Sample ID: BH-171(4.5) Lab Sample ID: 890-1621-171

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 08:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 08:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 08:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 10:59	11/25/21 08:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 08:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 10:59	11/25/21 08:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*11/24/21 10:59*	*11/25/21 08:19*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*11/24/21 10:59*	*11/25/21 08:19*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-171(4.5)

Lab Sample ID: 890-1621-171
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 01:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 01:42	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 01:42	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 17:03*	*12/06/21 01:42*	*1*
o-Terphenyl	*94*		*70 - 130*	*12/02/21 17:03*	*12/06/21 01:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1220**		4.97		mg/Kg			12/06/21 02:06	1

Client Sample ID: BH-172(4.5)

Lab Sample ID: 890-1621-172
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 08:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 08:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 08:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 10:59	11/25/21 08:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:59	11/25/21 08:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 10:59	11/25/21 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*11/24/21 10:59*	*11/25/21 08:45*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/24/21 10:59*	*11/25/21 08:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 02:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 02:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 02:02	1

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-172(4.5) Lab Sample ID: 890-1621-172

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*12/02/21 17:03*	*12/06/21 02:02*	*1*
o-Terphenyl	*86*		*70 - 130*	*12/02/21 17:03*	*12/06/21 02:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1200**		5.00		mg/Kg			12/06/21 02:18	1

Client Sample ID: BH-173(4.5) Lab Sample ID: 890-1621-173

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 09:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 09:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 09:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 09:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 09:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*11/24/21 10:59*	*11/25/21 09:11*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 10:59*	*11/25/21 09:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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 *1	49.8		mg/Kg		12/02/21 17:03	12/06/21 02:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		12/02/21 17:03	12/06/21 02:23	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:03	12/06/21 02:23	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:03	12/06/21 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 17:03*	*12/06/21 02:23*	*1*
o-Terphenyl	*91*		*70 - 130*	*12/02/21 17:03*	*12/06/21 02:23*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-173(4.5)

Lab Sample ID: 890-1621-173
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		5.00		mg/Kg			12/06/21 02:29	1

Client Sample ID: BH-174(4.5)

Lab Sample ID: 890-1621-174
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 09:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 09:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 09:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 09:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 09:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 09:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*11/24/21 10:59*	*11/25/21 09:38*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/24/21 10:59*	*11/25/21 09:38*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 02:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 02:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 02:45	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*12/02/21 17:03*	*12/06/21 02:45*	*1*
o-Terphenyl	*87*		*70 - 130*	*12/02/21 17:03*	*12/06/21 02:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080		5.03		mg/Kg			12/06/21 02:40	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-175(4.5)

Lab Sample ID: 890-1621-175
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:59	11/25/21 10:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 10:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 10:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 10:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 10:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 10:59	11/25/21 10:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/24/21 10:59*	*11/25/21 10:03*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*11/24/21 10:59*	*11/25/21 10:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 03:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 03:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 03:06	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*12/02/21 17:03*	*12/06/21 03:06*	*1*
o-Terphenyl	*91*		*70 - 130*	*12/02/21 17:03*	*12/06/21 03:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1270**		5.04		mg/Kg			12/06/21 02:52	1

Client Sample ID: BH-176(4.5)

Lab Sample ID: 890-1621-176
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1 F1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:02	1
Toluene	<0.00199	U *- *1 F1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:02	1
Ethylbenzene	<0.00199	U *- *1 F1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:02	1
m-Xylene & p-Xylene	<0.00398	U *- *1 F1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 14:02	1
o-Xylene	<0.00199	U *- *1 F1 F2	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:02	1
Xylenes, Total	<0.00398	U *- *1 F1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 14:02	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-176(4.5)

Lab Sample ID: 890-1621-176
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	11/24/21 11:15	11/25/21 14:02	1
1,4-Difluorobenzene (Surr)	86		70 - 130	11/24/21 11:15	11/25/21 14:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/06/21 03:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/06/21 03:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/06/21 03:27	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/06/21 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	12/02/21 17:03	12/06/21 03:27	1
o-Terphenyl	84		70 - 130	12/02/21 17:03	12/06/21 03:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		4.98		mg/Kg			12/06/21 09:55	1

Client Sample ID: BH-177(4.5)

Lab Sample ID: 890-1621-177
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:29	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:29	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:29	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 14:29	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:29	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	11/24/21 11:15	11/25/21 14:29	1
1,4-Difluorobenzene (Surr)	90		70 - 130	11/24/21 11:15	11/25/21 14:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-177(4.5)

Lab Sample ID: 890-1621-177
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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 *1	49.8		mg/Kg		12/02/21 17:03	12/06/21 03:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		12/02/21 17:03	12/06/21 03:48	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:03	12/06/21 03:48	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:03	12/06/21 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*12/02/21 17:03*	*12/06/21 03:48*	*1*
o-Terphenyl	*101*		*70 - 130*	*12/02/21 17:03*	*12/06/21 03:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1180**		5.04		mg/Kg			12/06/21 10:30	1

Client Sample ID: BH-178(4.5)

Lab Sample ID: 890-1621-178
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:56	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:56	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:56	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 14:56	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 14:56	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 11:15*	*11/25/21 14:56*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 11:15*	*11/25/21 14:56*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 04:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 04:09	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 04:09	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-178(4.5)

Lab Sample ID: 890-1621-178
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 17:03*	*12/06/21 04:09*	*1*
o-Terphenyl	*89*		*70 - 130*	*12/02/21 17:03*	*12/06/21 04:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1030**		4.99		mg/Kg			12/06/21 10:41	1

Client Sample ID: BH-179(4.5)

Lab Sample ID: 890-1621-179
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 15:22	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 15:22	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 15:22	1
m-Xylene & p-Xylene	<0.00396	U *- *1	0.00396		mg/Kg		11/24/21 11:15	11/25/21 15:22	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 15:22	1
Xylenes, Total	<0.00396	U *- *1	0.00396		mg/Kg		11/24/21 11:15	11/25/21 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/24/21 11:15*	*11/25/21 15:22*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*11/24/21 11:15*	*11/25/21 15:22*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 04:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/02/21 17:03	12/06/21 04:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 04:30	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/06/21 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*12/02/21 17:03*	*12/06/21 04:30*	*1*
o-Terphenyl	*89*		*70 - 130*	*12/02/21 17:03*	*12/06/21 04:30*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-179(4.5)

Lab Sample ID: 890-1621-179
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		5.00		mg/Kg			12/06/21 10:52	1

Client Sample ID: BH-180(4.5)

Lab Sample ID: 890-1621-180
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 15:48	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 15:48	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 15:48	1
m-Xylene & p-Xylene	<0.00400	U *- *1	0.00400		mg/Kg		11/24/21 11:15	11/25/21 15:48	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 15:48	1
Xylenes, Total	<0.00400	U *- *1	0.00400		mg/Kg		11/24/21 11:15	11/25/21 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*11/24/21 11:15*	*11/25/21 15:48*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/24/21 11:15*	*11/25/21 15:48*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/06/21 04:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/02/21 17:03	12/06/21 04:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/06/21 04:51	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:03	12/06/21 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*12/02/21 17:03*	*12/06/21 04:51*	*1*
o-Terphenyl	*88*		*70 - 130*	*12/02/21 17:03*	*12/06/21 04:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		4.95		mg/Kg			12/06/21 11:57	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-181(4.5)

Lab Sample ID: 890-1621-181
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 16:14	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 16:14	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 16:14	1
m-Xylene & p-Xylene	<0.00397	U *- *1	0.00397		mg/Kg		11/24/21 11:15	11/25/21 16:14	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 16:14	1
Xylenes, Total	<0.00397	U *- *1	0.00397		mg/Kg		11/24/21 11:15	11/25/21 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*11/24/21 11:15*	*11/25/21 16:14*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/24/21 11:15*	*11/25/21 16:14*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 11:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 11:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 11:34	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 17:07*	*12/05/21 11:34*	*1*
o-Terphenyl	*100*		*70 - 130*	*12/02/21 17:07*	*12/05/21 11:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**469**		5.01		mg/Kg			12/06/21 12:06	1

Client Sample ID: BH-182(4.5)

Lab Sample ID: 890-1621-182
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 16:41	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 16:41	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 16:41	1
m-Xylene & p-Xylene	<0.00400	U *- *1	0.00400		mg/Kg		11/24/21 11:15	11/25/21 16:41	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 16:41	1
Xylenes, Total	<0.00400	U *- *1	0.00400		mg/Kg		11/24/21 11:15	11/25/21 16:41	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-182(4.5)

Lab Sample ID: 890-1621-182
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	11/24/21 11:15	11/25/21 16:41	1
1,4-Difluorobenzene (Surr)	108		70 - 130	11/24/21 11:15	11/25/21 16:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.4**		50.0		mg/Kg			12/06/21 14:53	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	**51.4**		50.0		mg/Kg		12/02/21 17:07	12/05/21 12:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 12:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 12:39	1
Total TPH	**51.4**		50.0		mg/Kg		12/02/21 17:07	12/05/21 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/02/21 17:07	12/05/21 12:39	1
o-Terphenyl	96		70 - 130	12/02/21 17:07	12/05/21 12:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**573**		4.97		mg/Kg			12/06/21 12:14	1

Client Sample ID: BH-183(4.5)

Lab Sample ID: 890-1621-183
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 17:07	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 17:07	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 17:07	1
m-Xylene & p-Xylene	<0.00402	U *- *1	0.00402		mg/Kg		11/24/21 11:15	11/25/21 17:07	1
o-Xylene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 17:07	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		11/24/21 11:15	11/25/21 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	11/24/21 11:15	11/25/21 17:07	1
1,4-Difluorobenzene (Surr)	115		70 - 130	11/24/21 11:15	11/25/21 17:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-183(4.5)

Lab Sample ID: 890-1621-183
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 13:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 13:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 13:00	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 17:07*	*12/05/21 13:00*	*1*
o-Terphenyl	*100*		*70 - 130*	*12/02/21 17:07*	*12/05/21 13:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**361**		5.00		mg/Kg			12/06/21 12:22	1

Client Sample ID: BH-184(4.5)

Lab Sample ID: 890-1621-184
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 17:33	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 17:33	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 17:33	1
m-Xylene & p-Xylene	<0.00399	U *- *1	0.00399		mg/Kg		11/24/21 11:15	11/25/21 17:33	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 17:33	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		11/24/21 11:15	11/25/21 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*11/24/21 11:15*	*11/25/21 17:33*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/24/21 11:15*	*11/25/21 17:33*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 13:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 13:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 13:22	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-184(4.5)

Lab Sample ID: 890-1621-184
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 17:07*	*12/05/21 13:22*	*1*
o-Terphenyl	*98*		*70 - 130*	*12/02/21 17:07*	*12/05/21 13:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**518**		5.00		mg/Kg			12/06/21 12:31	1

Client Sample ID: BH-185(4.5)

Lab Sample ID: 890-1621-185
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 18:00	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 18:00	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 18:00	1
m-Xylene & p-Xylene	<0.00402	U *- *1	0.00402		mg/Kg		11/24/21 11:15	11/25/21 18:00	1
o-Xylene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 18:00	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		11/24/21 11:15	11/25/21 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 11:15*	*11/25/21 18:00*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*11/24/21 11:15*	*11/25/21 18:00*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 13:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 13:43	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 13:43	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*12/02/21 17:07*	*12/05/21 13:43*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/02/21 17:07*	*12/05/21 13:43*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-185(4.5)

Lab Sample ID: 890-1621-185
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	481		5.03		mg/Kg			12/06/21 12:39	1

Client Sample ID: BH-186(4.5)

Lab Sample ID: 890-1621-186
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 19:47	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 19:47	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 19:47	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		11/24/21 11:15	11/25/21 19:47	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 19:47	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		11/24/21 11:15	11/25/21 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*11/24/21 11:15*	*11/25/21 19:47*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/24/21 11:15*	*11/25/21 19:47*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 14:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 14:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 14:04	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*12/02/21 17:07*	*12/05/21 14:04*	*1*
o-Terphenyl	*93*		*70 - 130*	*12/02/21 17:07*	*12/05/21 14:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	479		5.04		mg/Kg			12/06/21 12:48	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-187(4.5)

Lab Sample ID: 890-1621-187
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 20:14	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 20:14	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 20:14	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		11/24/21 11:15	11/25/21 20:14	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 20:14	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		11/24/21 11:15	11/25/21 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/24/21 11:15*	*11/25/21 20:14*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/24/21 11:15*	*11/25/21 20:14*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 14:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 14:26	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 14:26	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 17:07*	*12/05/21 14:26*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/02/21 17:07*	*12/05/21 14:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**528**		4.98		mg/Kg			12/06/21 13:54	1

Client Sample ID: BH-188(4.5)

Lab Sample ID: 890-1621-188
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 20:41	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 20:41	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 20:41	1
m-Xylene & p-Xylene	<0.00397	U *- *1	0.00397		mg/Kg		11/24/21 11:15	11/25/21 20:41	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		11/24/21 11:15	11/25/21 20:41	1
Xylenes, Total	<0.00397	U *- *1	0.00397		mg/Kg		11/24/21 11:15	11/25/21 20:41	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-188(4.5)

Lab Sample ID: 890-1621-188
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	11/24/21 11:15	11/25/21 20:41	1
1,4-Difluorobenzene (Surr)	109		70 - 130	11/24/21 11:15	11/25/21 20:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 14:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 14:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 14:47	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	12/02/21 17:07	12/05/21 14:47	1
o-Terphenyl	101		70 - 130	12/02/21 17:07	12/05/21 14:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	526		5.04		mg/Kg			12/06/21 14:19	1

Client Sample ID: BH-189(4.5)

Lab Sample ID: 890-1621-189
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 21:08	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 21:08	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 21:08	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 21:08	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 21:08	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	11/24/21 11:15	11/25/21 21:08	1
1,4-Difluorobenzene (Surr)	110		70 - 130	11/24/21 11:15	11/25/21 21:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-189(4.5)

Lab Sample ID: 890-1621-189
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 15:08	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 15:08	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 17:07*	*12/05/21 15:08*	*1*
o-Terphenyl	*100*		*70 - 130*	*12/02/21 17:07*	*12/05/21 15:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		4.99		mg/Kg			12/06/21 14:28	1

Client Sample ID: BH-190(4.5)

Lab Sample ID: 890-1621-190
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 21:36	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 21:36	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 21:36	1
m-Xylene & p-Xylene	<0.00402	U *- *1	0.00402		mg/Kg		11/24/21 11:15	11/25/21 21:36	1
o-Xylene	<0.00201	U *- *1	0.00201		mg/Kg		11/24/21 11:15	11/25/21 21:36	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		11/24/21 11:15	11/25/21 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/24/21 11:15*	*11/25/21 21:36*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/24/21 11:15*	*11/25/21 21:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 15:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 15:29	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 15:29	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-190(4.5)

Lab Sample ID: 890-1621-190
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 17:07*	*12/05/21 15:29*	*1*
o-Terphenyl	*101*		*70 - 130*	*12/02/21 17:07*	*12/05/21 15:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**545**		5.00		mg/Kg			12/06/21 14:36	1

Client Sample ID: BH-191(4.5)

Lab Sample ID: 890-1621-191
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:03	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:03	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:03	1
m-Xylene & p-Xylene	<0.00400	U *- *1	0.00400		mg/Kg		11/24/21 11:15	11/25/21 22:03	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:03	1
Xylenes, Total	<0.00400	U *- *1	0.00400		mg/Kg		11/24/21 11:15	11/25/21 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*11/24/21 11:15*	*11/25/21 22:03*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/24/21 11:15*	*11/25/21 22:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 16:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 16:12	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 16:12	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 17:07*	*12/05/21 16:12*	*1*
o-Terphenyl	*100*		*70 - 130*	*12/02/21 17:07*	*12/05/21 16:12*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-191(4.5)

Lab Sample ID: 890-1621-191
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	681		4.95		mg/Kg			12/06/21 14:45	1

Client Sample ID: BH-192(4.5)

Lab Sample ID: 890-1621-192
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:30	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:30	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:30	1
m-Xylene & p-Xylene	<0.00399	U *- *1	0.00399		mg/Kg		11/24/21 11:15	11/25/21 22:30	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:30	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		11/24/21 11:15	11/25/21 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 11:15*	*11/25/21 22:30*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/24/21 11:15*	*11/25/21 22:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 16:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 16:33	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 17:07*	*12/05/21 16:33*	*1*
o-Terphenyl	*103*		*70 - 130*	*12/02/21 17:07*	*12/05/21 16:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	674		5.02		mg/Kg			12/06/21 15:10	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-193(4.5)

Lab Sample ID: 890-1621-193
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:57	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:57	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:57	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		11/24/21 11:15	11/25/21 22:57	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		11/24/21 11:15	11/25/21 22:57	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		11/24/21 11:15	11/25/21 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*11/24/21 11:15*	*11/25/21 22:57*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*11/24/21 11:15*	*11/25/21 22:57*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 16:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 16:54	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 16:54	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*12/02/21 17:07*	*12/05/21 16:54*	*1*
o-Terphenyl	*104*		*70 - 130*	*12/02/21 17:07*	*12/05/21 16:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**717**		4.97		mg/Kg			12/06/21 15:18	1

Client Sample ID: BH-194(4.5)

Lab Sample ID: 890-1621-194
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202		mg/Kg		11/24/21 11:15	11/25/21 23:24	1
Toluene	<0.00202	U *- *1	0.00202		mg/Kg		11/24/21 11:15	11/25/21 23:24	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		11/24/21 11:15	11/25/21 23:24	1
m-Xylene & p-Xylene	<0.00403	U *- *1	0.00403		mg/Kg		11/24/21 11:15	11/25/21 23:24	1
o-Xylene	<0.00202	U *- *1	0.00202		mg/Kg		11/24/21 11:15	11/25/21 23:24	1
Xylenes, Total	<0.00403	U *- *1	0.00403		mg/Kg		11/24/21 11:15	11/25/21 23:24	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-194(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-194

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/24/21 11:15*	*11/25/21 23:24*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*11/24/21 11:15*	*11/25/21 23:24*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 17:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 17:15	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 17:15	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*95*		*70 - 130*	*12/02/21 17:07*	*12/05/21 17:15*	*1*
o-Terphenyl	*106*		*70 - 130*	*12/02/21 17:07*	*12/05/21 17:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**733**		4.95		mg/Kg			12/06/21 15:26	1

Client Sample ID: BH-195(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-195

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 23:51	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 23:51	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 23:51	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 23:51	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		11/24/21 11:15	11/25/21 23:51	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		11/24/21 11:15	11/25/21 23:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/24/21 11:15*	*11/25/21 23:51*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/24/21 11:15*	*11/25/21 23:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-195(4.5)

Lab Sample ID: 890-1621-195
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 17:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 17:37	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 17:37	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 17:07*	*12/05/21 17:37*	*1*
o-Terphenyl	*101*		*70 - 130*	*12/02/21 17:07*	*12/05/21 17:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**725**		4.99		mg/Kg			12/06/21 15:35	1

Client Sample ID: BH-196(4.5)

Lab Sample ID: 890-1621-196
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:13	11/29/21 17:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:13	11/29/21 17:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:13	11/29/21 17:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 10:13	11/29/21 17:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:13	11/29/21 17:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 10:13	11/29/21 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*11/24/21 10:13*	*11/29/21 17:21*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 10:13*	*11/29/21 17:21*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 17:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 17:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 17:58	1

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Client Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-196(4.5) Lab Sample ID: 890-1621-196

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*12/02/21 17:07*	*12/05/21 17:58*	*1*
o-Terphenyl	*103*		*70 - 130*	*12/02/21 17:07*	*12/05/21 17:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**704**		5.00		mg/Kg			12/06/21 15:43	1

Client Sample ID: BH-197(4.5) Lab Sample ID: 890-1621-197

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:13	11/29/21 17:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 17:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 17:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 10:13	11/29/21 17:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 17:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 10:13	11/29/21 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 10:13*	*11/29/21 17:41*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 10:13*	*11/29/21 17:41*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 18:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 18:19	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 18:19	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:07	12/05/21 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 17:07*	*12/05/21 18:19*	*1*
o-Terphenyl	*103*		*70 - 130*	*12/02/21 17:07*	*12/05/21 18:19*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-197(4.5)

Lab Sample ID: 890-1621-197
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	703		4.96		mg/Kg			12/06/21 15:51	1

Client Sample ID: BH-198(4.5)

Lab Sample ID: 890-1621-198
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:13	11/29/21 18:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 18:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 18:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 10:13	11/29/21 18:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 18:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 10:13	11/29/21 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/24/21 10:13*	*11/29/21 18:02*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 10:13*	*11/29/21 18:02*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 18:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 18:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 18:40	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 17:07*	*12/05/21 18:40*	*1*
o-Terphenyl	*104*		*70 - 130*	*12/02/21 17:07*	*12/05/21 18:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	782		5.04		mg/Kg			12/06/21 16:17	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-199(4.5)

Lab Sample ID: 890-1621-199
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:13	11/29/21 18:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:13	11/29/21 18:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:13	11/29/21 18:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 10:13	11/29/21 18:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:13	11/29/21 18:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 10:13	11/29/21 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*11/24/21 10:13*	*11/29/21 18:22*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 10:13*	*11/29/21 18:22*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 19:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 19:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 19:01	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 17:07*	*12/05/21 19:01*	*1*
o-Terphenyl	*99*		*70 - 130*	*12/02/21 17:07*	*12/05/21 19:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**723**		4.98		mg/Kg			12/06/21 16:25	1

Client Sample ID: BH-200(4.5)

Lab Sample ID: 890-1621-200
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:13	11/29/21 18:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:13	11/29/21 18:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:13	11/29/21 18:43	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/24/21 10:13	11/29/21 18:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:13	11/29/21 18:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/24/21 10:13	11/29/21 18:43	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-200(4.5)

Lab Sample ID: 890-1621-200
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 10:13*	*11/29/21 18:43*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 10:13*	*11/29/21 18:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:07	12/05/21 19:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 19:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 19:22	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:07	12/05/21 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 17:07*	*12/05/21 19:22*	*1*
o-Terphenyl	*103*		*70 - 130*	*12/02/21 17:07*	*12/05/21 19:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**752**		4.95		mg/Kg			12/06/21 16:50	1

Client Sample ID: BH-201(4.5)

Lab Sample ID: 890-1621-201
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:13	11/29/21 19:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 19:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 19:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/21 10:13	11/29/21 19:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 19:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/21 10:13	11/29/21 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/24/21 10:13*	*11/29/21 19:03*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 10:13*	*11/29/21 19:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-201(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-201

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/05/21 21:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 21:08	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 21:08	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*12/02/21 17:11*	*12/05/21 21:08*	*1*
o-Terphenyl	*107*		*70 - 130*	*12/02/21 17:11*	*12/05/21 21:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**885**		5.01		mg/Kg			12/06/21 16:58	1

Client Sample ID: BH-202(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-202

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:13	11/29/21 19:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:13	11/29/21 19:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:13	11/29/21 19:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 10:13	11/29/21 19:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:13	11/29/21 19:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 10:13	11/29/21 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*11/24/21 10:13*	*11/29/21 19:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 10:13*	*11/29/21 19:23*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/05/21 22:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/05/21 22:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/05/21 22:11	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-202(4.5)

Lab Sample ID: 890-1621-202
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/05/21 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*12/02/21 17:11*	*12/05/21 22:11*	*1*
o-Terphenyl	*107*		*70 - 130*	*12/02/21 17:11*	*12/05/21 22:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**746**		4.97		mg/Kg			12/06/21 17:07	1

Client Sample ID: BH-203(4.5)

Lab Sample ID: 890-1621-203
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:13	11/29/21 19:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:13	11/29/21 19:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:13	11/29/21 19:44	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/24/21 10:13	11/29/21 19:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:13	11/29/21 19:44	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/24/21 10:13	11/29/21 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/24/21 10:13*	*11/29/21 19:44*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/24/21 10:13*	*11/29/21 19:44*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/05/21 22:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 22:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 22:32	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 17:11*	*12/05/21 22:32*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/02/21 17:11*	*12/05/21 22:32*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-203(4.5)

Lab Sample ID: 890-1621-203
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	848		5.00		mg/Kg			12/06/21 17:15	1

Client Sample ID: BH-204(4.5)

Lab Sample ID: 890-1621-204
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:13	11/29/21 20:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:13	11/29/21 20:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:13	11/29/21 20:04	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/24/21 10:13	11/29/21 20:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:13	11/29/21 20:04	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/24/21 10:13	11/29/21 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/24/21 10:13*	*11/29/21 20:04*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 10:13*	*11/29/21 20:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/05/21 22:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 22:53	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 22:53	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*12/02/21 17:11*	*12/05/21 22:53*	*1*
o-Terphenyl	*105*		*70 - 130*	*12/02/21 17:11*	*12/05/21 22:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	811		5.00		mg/Kg			12/06/21 17:23	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-205(4.5)

Lab Sample ID: 890-1621-205
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:13	11/29/21 20:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 20:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 20:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 10:13	11/29/21 20:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 20:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 10:13	11/29/21 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*11/24/21 10:13*	*11/29/21 20:25*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/24/21 10:13*	*11/29/21 20:25*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/05/21 23:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/05/21 23:14	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/05/21 23:14	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/05/21 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*12/02/21 17:11*	*12/05/21 23:14*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/02/21 17:11*	*12/05/21 23:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**801**		5.03		mg/Kg			12/06/21 17:32	1

Client Sample ID: BH-206(4.5)

Lab Sample ID: 890-1621-206
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:09	11/29/21 16:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 16:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 16:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 10:09	11/29/21 16:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 16:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 10:09	11/29/21 16:40	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-206(4.5)

Lab Sample ID: 890-1621-206
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	11/24/21 10:09	11/29/21 16:40	1
1,4-Difluorobenzene (Surr)	104		70 - 130	11/24/21 10:09	11/29/21 16:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/05/21 23:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 23:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 23:35	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/05/21 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	12/02/21 17:11	12/05/21 23:35	1
o-Terphenyl	105		70 - 130	12/02/21 17:11	12/05/21 23:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	821		5.04		mg/Kg			12/06/21 17:40	1

Client Sample ID: BH-207(4.5)

Lab Sample ID: 890-1621-207
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:09	11/29/21 17:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 17:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 17:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 10:09	11/29/21 17:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 17:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 10:09	11/29/21 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	11/24/21 10:09	11/29/21 17:01	1
1,4-Difluorobenzene (Surr)	107		70 - 130	11/24/21 10:09	11/29/21 17:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-207(4.5)

Lab Sample ID: 890-1621-207
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/05/21 23:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/05/21 23:57	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/05/21 23:57	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/05/21 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*12/02/21 17:11*	*12/05/21 23:57*	*1*
o-Terphenyl	*105*		*70 - 130*	*12/02/21 17:11*	*12/05/21 23:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**752**		4.95		mg/Kg			12/06/21 11:04	1

Client Sample ID: BH-208(4.5)

Lab Sample ID: 890-1621-208
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:09	11/29/21 17:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:09	11/29/21 17:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:09	11/29/21 17:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/24/21 10:09	11/29/21 17:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:09	11/29/21 17:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/24/21 10:09	11/29/21 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*11/24/21 10:09*	*11/29/21 17:21*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/24/21 10:09*	*11/29/21 17:21*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/06/21 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 00:18	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 00:18	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-208(4.5)

Lab Sample ID: 890-1621-208
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*12/02/21 17:11*	*12/06/21 00:18*	*1*
o-Terphenyl	*106*		*70 - 130*	*12/02/21 17:11*	*12/06/21 00:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**767**		5.02		mg/Kg			12/06/21 11:38	1

Client Sample ID: BH-20994.5)

Lab Sample ID: 890-1621-209
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:09	11/29/21 17:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:09	11/29/21 17:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:09	11/29/21 17:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 10:09	11/29/21 17:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:09	11/29/21 17:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 10:09	11/29/21 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/24/21 10:09*	*11/29/21 17:41*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/24/21 10:09*	*11/29/21 17:41*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/06/21 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 00:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 00:39	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*12/02/21 17:11*	*12/06/21 00:39*	*1*
o-Terphenyl	*98*		*70 - 130*	*12/02/21 17:11*	*12/06/21 00:39*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-20994.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-209

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	820		4.97		mg/Kg			12/06/21 11:49	1

Client Sample ID: BH-210(4.5)

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Lab Sample ID: 890-1621-210

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:09	11/29/21 18:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:09	11/29/21 18:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:09	11/29/21 18:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/21 10:09	11/29/21 18:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/21 10:09	11/29/21 18:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/21 10:09	11/29/21 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/24/21 10:09*	*11/29/21 18:02*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*11/24/21 10:09*	*11/29/21 18:02*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/06/21 01:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/06/21 01:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/06/21 01:00	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/06/21 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 17:11*	*12/06/21 01:00*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/02/21 17:11*	*12/06/21 01:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	762		4.95		mg/Kg			12/06/21 12:00	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-211(4.5)

Lab Sample ID: 890-1621-211
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:09	11/29/21 18:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:09	11/29/21 18:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:09	11/29/21 18:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 10:09	11/29/21 18:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:09	11/29/21 18:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 10:09	11/29/21 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*11/24/21 10:09*	*11/29/21 18:22*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/24/21 10:09*	*11/29/21 18:22*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/06/21 01:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 01:42	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 01:42	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*12/02/21 17:11*	*12/06/21 01:42*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/02/21 17:11*	*12/06/21 01:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4290**		25.0		mg/Kg			12/06/21 12:12	5

Client Sample ID: BH-212(4.5)

Lab Sample ID: 890-1621-212
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:09	11/29/21 18:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 18:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 18:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 10:09	11/29/21 18:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 18:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 10:09	11/29/21 18:43	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-212(4.5)

Lab Sample ID: 890-1621-212
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*11/24/21 10:09*	*11/29/21 18:43*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 10:09*	*11/29/21 18:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/06/21 02:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 02:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 02:02	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 17:11*	*12/06/21 02:02*	*1*
o-Terphenyl	*107*		*70 - 130*	*12/02/21 17:11*	*12/06/21 02:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3570**		25.0		mg/Kg			12/06/21 12:23	5

Client Sample ID: BH-213(4.5)

Lab Sample ID: 890-1621-213
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:09	11/29/21 19:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:09	11/29/21 19:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:09	11/29/21 19:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/21 10:09	11/29/21 19:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/21 10:09	11/29/21 19:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/21 10:09	11/29/21 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*11/24/21 10:09*	*11/29/21 19:03*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*11/24/21 10:09*	*11/29/21 19:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/06/21 15:15	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-213(4.5)

Lab Sample ID: 890-1621-213
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/06/21 02:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/06/21 02:23	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/06/21 02:23	1
Total TPH	<49.8	U	49.8		mg/Kg		12/02/21 17:11	12/06/21 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*12/02/21 17:11*	*12/06/21 02:23*	*1*
o-Terphenyl	*106*		*70 - 130*	*12/02/21 17:11*	*12/06/21 02:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3850**		24.8		mg/Kg			12/06/21 12:35	5

Client Sample ID: BH-214(4.5)

Lab Sample ID: 890-1621-214
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:09	11/29/21 19:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:09	11/29/21 19:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:09	11/29/21 19:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/24/21 10:09	11/29/21 19:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/21 10:09	11/29/21 19:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/24/21 10:09	11/29/21 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*11/24/21 10:09*	*11/29/21 19:23*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*11/24/21 10:09*	*11/29/21 19:23*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/06/21 02:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 02:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 02:45	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-214(4.5)

Lab Sample ID: 890-1621-214
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*12/02/21 17:11*	*12/06/21 02:45*	*1*
o-Terphenyl	*101*		*70 - 130*	*12/02/21 17:11*	*12/06/21 02:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3850**		25.2		mg/Kg			12/06/21 13:09	5

Client Sample ID: BH-215(4.5)

Lab Sample ID: 890-1621-215
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:09	11/29/21 19:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 19:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 19:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/24/21 10:09	11/29/21 19:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 19:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/24/21 10:09	11/29/21 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*11/24/21 10:09*	*11/29/21 19:44*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/24/21 10:09*	*11/29/21 19:44*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/06/21 03:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 03:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 03:06	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/06/21 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*12/02/21 17:11*	*12/06/21 03:06*	*1*
o-Terphenyl	*107*		*70 - 130*	*12/02/21 17:11*	*12/06/21 03:06*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-215(4.5)

Lab Sample ID: 890-1621-215
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3710		24.9		mg/Kg			12/06/21 13:20	5

Client Sample ID: BH-216(4.5)

Lab Sample ID: 890-1621-216
Matrix: Solid

Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00
Sample Depth: 4.5

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		11/24/21 10:16	11/29/21 15:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:16	11/29/21 15:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:16	11/29/21 15:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/24/21 10:16	11/29/21 15:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/21 10:16	11/29/21 15:33	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/24/21 10:16	11/29/21 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*11/24/21 10:16*	*11/29/21 15:33*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/24/21 10:16*	*11/29/21 15:33*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/06/21 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 14:53	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		12/02/21 17:11	12/06/21 03:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/06/21 03:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/06/21 03:27	1
Total TPH	<49.9	U	49.9		mg/Kg		12/02/21 17:11	12/06/21 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 17:11*	*12/06/21 03:27*	*1*
o-Terphenyl	*103*		*70 - 130*	*12/02/21 17:11*	*12/06/21 03:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3230		24.8		mg/Kg			12/06/21 13:54	5

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-1

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-217

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 18:13	1
Toluene	<0.00503	U	0.00503		mg/Kg		11/24/21 16:49	11/24/21 18:13	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 18:13	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 16:49	11/24/21 18:13	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 18:13	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 16:49	11/24/21 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*	*11/24/21 16:49*	*11/24/21 18:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*68 - 152*	*11/24/21 16:49*	*11/24/21 18:13*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*11/24/21 16:49*	*11/24/21 18:13*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*11/24/21 16:49*	*11/24/21 18:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/21 15:17	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		11/29/21 18:16	11/29/21 20:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/29/21 20:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/29/21 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*65 - 130*	*11/29/21 18:16*	*11/29/21 20:02*	*1*
o-Terphenyl	*99*		*65 - 130*	*11/29/21 18:16*	*11/29/21 20:02*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.5**		10.0		mg/Kg		12/04/21 21:23	12/05/21 16:04	1

Client Sample ID: SW-2

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-218

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 18:34	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 16:49	11/24/21 18:34	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 18:34	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 16:49	11/24/21 18:34	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 18:34	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 16:49	11/24/21 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*11/24/21 16:49*	*11/24/21 18:34*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-2

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-218
Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		68 - 152	11/24/21 16:49	11/24/21 18:34	1
Dibromofluoromethane (Surr)	93		53 - 142	11/24/21 16:49	11/24/21 18:34	1
Toluene-d8 (Surr)	99		70 - 130	11/24/21 16:49	11/24/21 18:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/21 15:17	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	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 21:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 21:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 21:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		65 - 130	11/29/21 18:16	11/29/21 21:04	1
o-Terphenyl	103		65 - 130	11/29/21 18:16	11/29/21 21:04	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.3		10.1		mg/Kg		12/04/21 21:23	12/05/21 16:16	1

Client Sample ID: SW-3

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-219
Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 16:49	11/24/21 18:54	1
Toluene	<0.00500	U	0.00500		mg/Kg		11/24/21 16:49	11/24/21 18:54	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 16:49	11/24/21 18:54	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 16:49	11/24/21 18:54	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 16:49	11/24/21 18:54	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 16:49	11/24/21 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		56 - 150	11/24/21 16:49	11/24/21 18:54	1
4-Bromofluorobenzene (Surr)	100		68 - 152	11/24/21 16:49	11/24/21 18:54	1
Dibromofluoromethane (Surr)	92		53 - 142	11/24/21 16:49	11/24/21 18:54	1
Toluene-d8 (Surr)	98		70 - 130	11/24/21 16:49	11/24/21 18:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 16:31	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-3

Lab Sample ID: 890-1621-219
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/21 15:17	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	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 21:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 21:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*65 - 130*	*11/29/21 18:16*	*11/29/21 21:25*	*1*
o-Terphenyl	*98*		*65 - 130*	*11/29/21 18:16*	*11/29/21 21:25*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		10.2		mg/Kg		12/04/21 21:23	12/05/21 16:28	1

Client Sample ID: SW-4

Lab Sample ID: 890-1621-220
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		11/24/21 16:49	11/24/21 19:15	1
Toluene	<0.00497	U	0.00497		mg/Kg		11/24/21 16:49	11/24/21 19:15	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		11/24/21 16:49	11/24/21 19:15	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		11/24/21 16:49	11/24/21 19:15	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		11/24/21 16:49	11/24/21 19:15	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		11/24/21 16:49	11/24/21 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*	*11/24/21 16:49*	*11/24/21 19:15*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*11/24/21 16:49*	*11/24/21 19:15*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*11/24/21 16:49*	*11/24/21 19:15*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*11/24/21 16:49*	*11/24/21 19:15*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			12/03/21 15:17	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	<49.5	U	49.5		mg/Kg		11/29/21 18:16	11/29/21 21:45	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		11/29/21 18:16	11/29/21 21:45	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		11/29/21 18:16	11/29/21 21:45	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-4

Lab Sample ID: 890-1621-220
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		65 - 130	11/29/21 18:16	11/29/21 21:45	1
o-Terphenyl	88		65 - 130	11/29/21 18:16	11/29/21 21:45	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		9.96		mg/Kg		12/04/21 21:23	12/05/21 17:43	1

Client Sample ID: SW-5

Lab Sample ID: 890-1621-221
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		11/24/21 16:49	11/24/21 19:35	1
Toluene	<0.00497	U	0.00497		mg/Kg		11/24/21 16:49	11/24/21 19:35	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		11/24/21 16:49	11/24/21 19:35	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		11/24/21 16:49	11/24/21 19:35	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		11/24/21 16:49	11/24/21 19:35	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		11/24/21 16:49	11/24/21 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		56 - 150	11/24/21 16:49	11/24/21 19:35	1
4-Bromofluorobenzene (Surr)	102		68 - 152	11/24/21 16:49	11/24/21 19:35	1
Dibromofluoromethane (Surr)	92		53 - 142	11/24/21 16:49	11/24/21 19:35	1
Toluene-d8 (Surr)	97		70 - 130	11/24/21 16:49	11/24/21 19:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/03/21 15:17	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	<49.6	U	49.6		mg/Kg		11/29/21 18:16	11/29/21 22:06	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/29/21 18:16	11/29/21 22:06	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/29/21 18:16	11/29/21 22:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		65 - 130	11/29/21 18:16	11/29/21 22:06	1
o-Terphenyl	95		65 - 130	11/29/21 18:16	11/29/21 22:06	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.3		9.88		mg/Kg		12/04/21 21:23	12/05/21 17:55	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-6

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-222

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		11/24/21 16:49	11/24/21 19:55	1
Toluene	<0.00497	U	0.00497		mg/Kg		11/24/21 16:49	11/24/21 19:55	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		11/24/21 16:49	11/24/21 19:55	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		11/24/21 16:49	11/24/21 19:55	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		11/24/21 16:49	11/24/21 19:55	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		11/24/21 16:49	11/24/21 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*11/24/21 16:49*	*11/24/21 19:55*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/24/21 16:49*	*11/24/21 19:55*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*	*11/24/21 16:49*	*11/24/21 19:55*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*11/24/21 16:49*	*11/24/21 19:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			11/29/21 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/21 15:17	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	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 22:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 22:47	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*65 - 130*	*11/29/21 18:16*	*11/29/21 22:47*	*1*
o-Terphenyl	*98*		*65 - 130*	*11/29/21 18:16*	*11/29/21 22:47*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**		9.92		mg/Kg		12/04/21 21:23	12/05/21 18:07	1

Client Sample ID: SW-7

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-223

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 20:16	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 16:49	11/24/21 20:16	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 20:16	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 16:49	11/24/21 20:16	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 20:16	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 16:49	11/24/21 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*11/24/21 16:49*	*11/24/21 20:16*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-7

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-223
Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		68 - 152	11/24/21 16:49	11/24/21 20:16	1
Dibromofluoromethane (Surr)	94		53 - 142	11/24/21 16:49	11/24/21 20:16	1
Toluene-d8 (Surr)	99		70 - 130	11/24/21 16:49	11/24/21 20:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.4	U	49.4		mg/Kg			12/03/21 15:17	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	<49.4	U	49.4		mg/Kg		11/29/21 18:16	11/29/21 23:08	1
Diesel Range Organics (Over C10-C28)	<49.4	U	49.4		mg/Kg		11/29/21 18:16	11/29/21 23:08	1
Oil Range Organics (Over C28-C36)	<49.4	U	49.4		mg/Kg		11/29/21 18:16	11/29/21 23:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		65 - 130	11/29/21 18:16	11/29/21 23:08	1
o-Terphenyl	97		65 - 130	11/29/21 18:16	11/29/21 23:08	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.2**		9.86		mg/Kg		12/04/21 21:23	12/05/21 18:20	1

Client Sample ID: SW-8

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-224
Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 20:36	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 16:49	11/24/21 20:36	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 20:36	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 16:49	11/24/21 20:36	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 20:36	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 16:49	11/24/21 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		56 - 150	11/24/21 16:49	11/24/21 20:36	1
4-Bromofluorobenzene (Surr)	100		68 - 152	11/24/21 16:49	11/24/21 20:36	1
Dibromofluoromethane (Surr)	93		53 - 142	11/24/21 16:49	11/24/21 20:36	1
Toluene-d8 (Surr)	96		70 - 130	11/24/21 16:49	11/24/21 20:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 09:14	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-8

Lab Sample ID: 890-1621-224
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/21 15:18	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	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 23:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 23:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*65 - 130*	*11/29/21 18:16*	*11/29/21 23:28*	*1*
o-Terphenyl	*98*		*65 - 130*	*11/29/21 18:16*	*11/29/21 23:28*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.2**		10.1		mg/Kg		12/04/21 21:23	12/05/21 18:32	1

Client Sample ID: SW-9

Lab Sample ID: 890-1621-225
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 15:20	1
Toluene	<0.00502	U	0.00502		mg/Kg		11/29/21 12:40	11/29/21 15:20	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 15:20	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/29/21 12:40	11/29/21 15:20	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 15:20	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/29/21 12:40	11/29/21 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*11/29/21 12:40*	*11/29/21 15:20*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/29/21 12:40*	*11/29/21 15:20*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*11/29/21 12:40*	*11/29/21 15:20*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*11/29/21 12:40*	*11/29/21 15:20*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/21 15:18	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	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 23:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 23:48	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 23:48	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-9

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-225

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		65 - 130	11/29/21 18:16	11/29/21 23:48	1
o-Terphenyl	98		65 - 130	11/29/21 18:16	11/29/21 23:48	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.9		9.94		mg/Kg		12/04/21 21:23	12/05/21 18:44	1

Client Sample ID: SW-10

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-226

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 15:41	1
Toluene	<0.00502	U	0.00502		mg/Kg		11/29/21 12:40	11/29/21 15:41	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 15:41	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/29/21 12:40	11/29/21 15:41	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/29/21 12:40	11/29/21 15:41	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/29/21 12:40	11/29/21 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		56 - 150	11/29/21 12:40	11/29/21 15:41	1
4-Bromofluorobenzene (Surr)	99		68 - 152	11/29/21 12:40	11/29/21 15:41	1
Dibromofluoromethane (Surr)	94		53 - 142	11/29/21 12:40	11/29/21 15:41	1
Toluene-d8 (Surr)	98		70 - 130	11/29/21 12:40	11/29/21 15:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.3	U	49.3		mg/Kg			12/03/21 15:18	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	<49.3	U	49.3		mg/Kg		11/29/21 18:16	11/30/21 00:09	1
Diesel Range Organics (Over C10-C28)	<49.3	U	49.3		mg/Kg		11/29/21 18:16	11/30/21 00:09	1
OII Range Organics (Over C28-C36)	<49.3	U	49.3		mg/Kg		11/29/21 18:16	11/30/21 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		65 - 130	11/29/21 18:16	11/30/21 00:09	1
o-Terphenyl	103		65 - 130	11/29/21 18:16	11/30/21 00:09	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		9.84		mg/Kg		12/04/21 21:23	12/05/21 18:57	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-11

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-227

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 16:01	1
Toluene	<0.00504	U	0.00504		mg/Kg		11/29/21 12:40	11/29/21 16:01	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 16:01	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/29/21 12:40	11/29/21 16:01	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/29/21 12:40	11/29/21 16:01	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/29/21 12:40	11/29/21 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*11/29/21 12:40*	*11/29/21 16:01*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/29/21 12:40*	*11/29/21 16:01*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*11/29/21 12:40*	*11/29/21 16:01*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*11/29/21 12:40*	*11/29/21 16:01*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.3	U	49.3		mg/Kg			12/03/21 15:18	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	<49.3	U	49.3		mg/Kg		11/29/21 18:16	11/30/21 00:29	1
Diesel Range Organics (Over C10-C28)	<49.3	U	49.3		mg/Kg		11/29/21 18:16	11/30/21 00:29	1
OII Range Organics (Over C28-C36)	<49.3	U	49.3		mg/Kg		11/29/21 18:16	11/30/21 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*65 - 130*	*11/29/21 18:16*	*11/30/21 00:29*	*1*
o-Terphenyl	*103*		*65 - 130*	*11/29/21 18:16*	*11/30/21 00:29*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**		9.90		mg/Kg		12/04/21 21:23	12/05/21 22:35	1

Client Sample ID: SW-12

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-228

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 16:49	11/24/21 20:37	1
Toluene	<0.00500	U	0.00500		mg/Kg		11/24/21 16:49	11/24/21 20:37	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 16:49	11/24/21 20:37	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 16:49	11/24/21 20:37	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 16:49	11/24/21 20:37	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 16:49	11/24/21 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*11/24/21 16:49*	*11/24/21 20:37*	*1*

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-12

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-228

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*11/24/21 16:49*	*11/24/21 20:37*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*11/24/21 16:49*	*11/24/21 20:37*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*11/24/21 16:49*	*11/24/21 20:37*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/21 15:18	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	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/30/21 00:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/30/21 00:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/30/21 00:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*104*		*65 - 130*	*11/29/21 18:16*	*11/30/21 00:49*	*1*
o-Terphenyl	*100*		*65 - 130*	*11/29/21 18:16*	*11/30/21 00:49*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.0**		9.86		mg/Kg		12/04/21 21:23	12/05/21 23:05	1

Client Sample ID: SW-13

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-229

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 16:22	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/29/21 12:40	11/29/21 16:22	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 16:22	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 16:22	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/29/21 12:40	11/29/21 16:22	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/29/21 12:40	11/29/21 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*11/29/21 12:40*	*11/29/21 16:22*	*1*
4-Bromofluorobenzene (Surr)	*102*		*68 - 152*	*11/29/21 12:40*	*11/29/21 16:22*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*11/29/21 12:40*	*11/29/21 16:22*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*11/29/21 12:40*	*11/29/21 16:22*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 09:14	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-13

Lab Sample ID: 890-1621-229
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<48.9	U	48.9		mg/Kg			12/03/21 15:18	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	<48.9	U	48.9		mg/Kg		11/29/21 18:16	11/30/21 01:10	1
Diesel Range Organics (Over C10-C28)	<48.9	U	48.9		mg/Kg		11/29/21 18:16	11/30/21 01:10	1
OII Range Organics (Over C28-C36)	<48.9	U	48.9		mg/Kg		11/29/21 18:16	11/30/21 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*65 - 130*	*11/29/21 18:16*	*11/30/21 01:10*	*1*
o-Terphenyl	*102*		*65 - 130*	*11/29/21 18:16*	*11/30/21 01:10*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		9.84		mg/Kg		12/04/21 21:23	12/05/21 23:15	1

Client Sample ID: SW-14

Lab Sample ID: 890-1621-230
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 16:49	11/24/21 21:19	1
Toluene	<0.00502	U	0.00502		mg/Kg		11/24/21 16:49	11/24/21 21:19	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 16:49	11/24/21 21:19	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 16:49	11/24/21 21:19	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 16:49	11/24/21 21:19	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 16:49	11/24/21 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*11/24/21 16:49*	*11/24/21 21:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*11/24/21 16:49*	*11/24/21 21:19*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*11/24/21 16:49*	*11/24/21 21:19*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*11/24/21 16:49*	*11/24/21 21:19*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/21 15:18	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		11/29/21 18:16	11/30/21 01:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 01:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 01:30	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-14

Lab Sample ID: 890-1621-230
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		65 - 130	11/29/21 18:16	11/30/21 01:30	1
o-Terphenyl	90		65 - 130	11/29/21 18:16	11/30/21 01:30	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	224		10.1		mg/Kg		12/04/21 21:23	12/05/21 23:25	1

Client Sample ID: SW-15

Lab Sample ID: 890-1621-231
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 21:39	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 16:49	11/24/21 21:39	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 21:39	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 16:49	11/24/21 21:39	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 21:39	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 16:49	11/24/21 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		56 - 150	11/24/21 16:49	11/24/21 21:39	1
4-Bromofluorobenzene (Surr)	96		68 - 152	11/24/21 16:49	11/24/21 21:39	1
Dibromofluoromethane (Surr)	91		53 - 142	11/24/21 16:49	11/24/21 21:39	1
Toluene-d8 (Surr)	102		70 - 130	11/24/21 16:49	11/24/21 21:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			12/03/21 15:18	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	<49.5	U	49.5		mg/Kg		11/29/21 18:16	11/30/21 01:50	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		11/29/21 18:16	11/30/21 01:50	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		11/29/21 18:16	11/30/21 01:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		65 - 130	11/29/21 18:16	11/30/21 01:50	1
o-Terphenyl	94		65 - 130	11/29/21 18:16	11/30/21 01:50	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.3		10.1		mg/Kg		12/04/21 21:23	12/05/21 23:35	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-16

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-232

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 22:00	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 16:49	11/24/21 22:00	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 22:00	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 16:49	11/24/21 22:00	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 16:49	11/24/21 22:00	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 16:49	11/24/21 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*11/24/21 16:49*	*11/24/21 22:00*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*11/24/21 16:49*	*11/24/21 22:00*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*11/24/21 16:49*	*11/24/21 22:00*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*11/24/21 16:49*	*11/24/21 22:00*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/21 15:18	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		11/29/21 18:16	11/30/21 02:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 02:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*65 - 130*	*11/29/21 18:16*	*11/30/21 02:31*	*1*
o-Terphenyl	*100*		*65 - 130*	*11/29/21 18:16*	*11/30/21 02:31*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**802**		10.1		mg/Kg		12/04/21 21:23	12/06/21 00:04	1

Client Sample ID: SW-17

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-233

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		11/24/21 16:49	11/24/21 22:21	1
Toluene	<0.00499	U	0.00499		mg/Kg		11/24/21 16:49	11/24/21 22:21	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		11/24/21 16:49	11/24/21 22:21	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 16:49	11/24/21 22:21	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		11/24/21 16:49	11/24/21 22:21	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 16:49	11/24/21 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*11/24/21 16:49*	*11/24/21 22:21*	*1*

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-17

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-233
Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*11/24/21 16:49*	*11/24/21 22:21*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*11/24/21 16:49*	*11/24/21 22:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*11/24/21 16:49*	*11/24/21 22:21*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/03/21 15:18	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	<50.4	U	50.4		mg/Kg		11/29/21 18:16	11/30/21 02:51	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/29/21 18:16	11/30/21 02:51	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/29/21 18:16	11/30/21 02:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*99*		*65 - 130*	*11/29/21 18:16*	*11/30/21 02:51*	*1*
o-Terphenyl	*83*		*65 - 130*	*11/29/21 18:16*	*11/30/21 02:51*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		10.2		mg/Kg		12/04/21 21:23	12/06/21 00:14	1

Client Sample ID: SW-18

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-234
Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 22:42	1
Toluene	<0.00504	U	0.00504		mg/Kg		11/24/21 16:49	11/24/21 22:42	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 22:42	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 16:49	11/24/21 22:42	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 22:42	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 16:49	11/24/21 22:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*11/24/21 16:49*	*11/24/21 22:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*11/24/21 16:49*	*11/24/21 22:42*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*11/24/21 16:49*	*11/24/21 22:42*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*11/24/21 16:49*	*11/24/21 22:42*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 17:29	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-18

Lab Sample ID: 890-1621-234
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/21 15:18	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		11/29/21 18:16	11/30/21 03:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 03:12	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*65 - 130*	*11/29/21 18:16*	*11/30/21 03:12*	*1*
o-Terphenyl	*82*		*65 - 130*	*11/29/21 18:16*	*11/30/21 03:12*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**169**		10.2		mg/Kg		12/04/21 21:23	12/06/21 00:24	1

Client Sample ID: SW-19

Lab Sample ID: 890-1621-235
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 23:03	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 16:49	11/24/21 23:03	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 23:03	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 16:49	11/24/21 23:03	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 16:49	11/24/21 23:03	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 16:49	11/24/21 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*11/24/21 16:49*	*11/24/21 23:03*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*11/24/21 16:49*	*11/24/21 23:03*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*11/24/21 16:49*	*11/24/21 23:03*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*11/24/21 16:49*	*11/24/21 23:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/03/21 15:18	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	<50.2	U	50.2		mg/Kg		11/29/21 18:16	11/30/21 03:32	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/29/21 18:16	11/30/21 03:32	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/29/21 18:16	11/30/21 03:32	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-19

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-235

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		65 - 130	11/29/21 18:16	11/30/21 03:32	1
o-Terphenyl	86		65 - 130	11/29/21 18:16	11/30/21 03:32	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		10.2		mg/Kg		12/04/21 21:23	12/06/21 00:34	1

Client Sample ID: SW-20

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-236

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		11/24/21 16:49	11/25/21 06:42	1
Toluene	<0.00499	U	0.00499		mg/Kg		11/24/21 16:49	11/25/21 06:42	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		11/24/21 16:49	11/25/21 06:42	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 16:49	11/25/21 06:42	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		11/24/21 16:49	11/25/21 06:42	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 16:49	11/25/21 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150	11/24/21 16:49	11/25/21 06:42	1
4-Bromofluorobenzene (Surr)	99		68 - 152	11/24/21 16:49	11/25/21 06:42	1
Dibromofluoromethane (Surr)	92		53 - 142	11/24/21 16:49	11/25/21 06:42	1
Toluene-d8 (Surr)	102		70 - 130	11/24/21 16:49	11/25/21 06:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/03/21 15:18	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	<50.1	U	50.1		mg/Kg		11/29/21 18:16	11/30/21 03:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/29/21 18:16	11/30/21 03:53	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/29/21 18:16	11/30/21 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		65 - 130	11/29/21 18:16	11/30/21 03:53	1
o-Terphenyl	84		65 - 130	11/29/21 18:16	11/30/21 03:53	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		10.1		mg/Kg		12/04/21 21:23	12/06/21 00:44	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-21

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-237

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:27	11/25/21 05:18	1
Toluene	<0.00499	U	0.00499		mg/Kg		11/24/21 17:27	11/25/21 05:18	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:27	11/25/21 05:18	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 05:18	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:27	11/25/21 05:18	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 05:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*11/24/21 17:27*	*11/25/21 05:18*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*11/24/21 17:27*	*11/25/21 05:18*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*11/24/21 17:27*	*11/25/21 05:18*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*11/24/21 17:27*	*11/25/21 05:18*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/21 15:18	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		11/29/21 18:16	11/30/21 10:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 10:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*65 - 130*	*11/29/21 18:16*	*11/30/21 10:54*	*1*
o-Terphenyl	*99*		*65 - 130*	*11/29/21 18:16*	*11/30/21 10:54*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**171**		10.2		mg/Kg		12/04/21 21:23	12/06/21 00:54	1

Client Sample ID: SW-22

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-238

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		11/24/21 17:27	11/25/21 07:04	1
Toluene	<0.00497	U	0.00497		mg/Kg		11/24/21 17:27	11/25/21 07:04	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		11/24/21 17:27	11/25/21 07:04	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		11/24/21 17:27	11/25/21 07:04	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		11/24/21 17:27	11/25/21 07:04	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		11/24/21 17:27	11/25/21 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*11/24/21 17:27*	*11/25/21 07:04*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-22

Lab Sample ID: 890-1621-238
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		68 - 152	11/24/21 17:27	11/25/21 07:04	1
Dibromofluoromethane (Surr)	97		53 - 142	11/24/21 17:27	11/25/21 07:04	1
Toluene-d8 (Surr)	101		70 - 130	11/24/21 17:27	11/25/21 07:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/03/21 15:18	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	<50.4	U	50.4		mg/Kg		11/29/21 18:16	11/30/21 11:49	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/29/21 18:16	11/30/21 11:49	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/29/21 18:16	11/30/21 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		65 - 130	11/29/21 18:16	11/30/21 11:49	1
o-Terphenyl	119		65 - 130	11/29/21 18:16	11/30/21 11:49	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.2**		9.96		mg/Kg		12/04/21 21:23	12/06/21 01:23	1

Client Sample ID: SW-23

Lab Sample ID: 890-1621-239
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 07:26	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 17:27	11/25/21 07:26	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 07:26	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 17:27	11/25/21 07:26	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 07:26	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 17:27	11/25/21 07:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		56 - 150	11/24/21 17:27	11/25/21 07:26	1
4-Bromofluorobenzene (Surr)	95		68 - 152	11/24/21 17:27	11/25/21 07:26	1
Dibromofluoromethane (Surr)	99		53 - 142	11/24/21 17:27	11/25/21 07:26	1
Toluene-d8 (Surr)	101		70 - 130	11/24/21 17:27	11/25/21 07:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 17:29	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-23

Lab Sample ID: 890-1621-239
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/21 15:18	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		11/29/21 18:16	11/30/21 12:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 12:07	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*65 - 130*	*11/29/21 18:16*	*11/30/21 12:07*	*1*
o-Terphenyl	*117*		*65 - 130*	*11/29/21 18:16*	*11/30/21 12:07*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.2**		9.86		mg/Kg		12/04/21 21:23	12/06/21 01:33	1

Client Sample ID: SW-24

Lab Sample ID: 890-1621-240
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:27	11/25/21 07:48	1
Toluene	<0.00499	U	0.00499		mg/Kg		11/24/21 17:27	11/25/21 07:48	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:27	11/25/21 07:48	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 07:48	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		11/24/21 17:27	11/25/21 07:48	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*11/24/21 17:27*	*11/25/21 07:48*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*11/24/21 17:27*	*11/25/21 07:48*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*11/24/21 17:27*	*11/25/21 07:48*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*11/24/21 17:27*	*11/25/21 07:48*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/03/21 15:18	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	<49.7	U	49.7		mg/Kg		11/29/21 18:16	11/29/21 19:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/29/21 18:16	11/29/21 19:07	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/29/21 18:16	11/29/21 19:07	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-24

Lab Sample ID: 890-1621-240
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		65 - 130	11/29/21 18:16	11/29/21 19:07	1
o-Terphenyl	111		65 - 130	11/29/21 18:16	11/29/21 19:07	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.8		9.96		mg/Kg		12/04/21 21:23	12/06/21 02:32	1

Client Sample ID: SW-25

Lab Sample ID: 890-1621-241
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 08:10	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 17:27	11/25/21 08:10	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 08:10	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 08:10	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 08:10	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 08:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150	11/24/21 17:27	11/25/21 08:10	1
4-Bromofluorobenzene (Surr)	97		68 - 152	11/24/21 17:27	11/25/21 08:10	1
Dibromofluoromethane (Surr)	93		53 - 142	11/24/21 17:27	11/25/21 08:10	1
Toluene-d8 (Surr)	104		70 - 130	11/24/21 17:27	11/25/21 08:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/03/21 15:18	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		11/29/21 18:16	11/29/21 19:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/29/21 19:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/29/21 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		65 - 130	11/29/21 18:16	11/29/21 19:25	1
o-Terphenyl	109		65 - 130	11/29/21 18:16	11/29/21 19:25	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.4		9.92		mg/Kg		12/04/21 21:23	12/06/21 02:42	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-26

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-242

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 08:32	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 17:27	11/25/21 08:32	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 08:32	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 17:27	11/25/21 08:32	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 08:32	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 17:27	11/25/21 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*11/24/21 17:27*	*11/25/21 08:32*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/24/21 17:27*	*11/25/21 08:32*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*11/24/21 17:27*	*11/25/21 08:32*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*11/24/21 17:27*	*11/25/21 08:32*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/21 15:18	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	<49.8	U	49.8		mg/Kg		11/29/21 18:16	11/29/21 19:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/29/21 18:16	11/29/21 19:43	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/29/21 18:16	11/29/21 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*65 - 130*	*11/29/21 18:16*	*11/29/21 19:43*	*1*
o-Terphenyl	*107*		*65 - 130*	*11/29/21 18:16*	*11/29/21 19:43*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.4**		10.1		mg/Kg		12/04/21 21:23	12/06/21 02:52	1

Client Sample ID: SW-27

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-243

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 08:55	1
Toluene	<0.00505	U	0.00505		mg/Kg		11/24/21 17:27	11/25/21 08:55	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 08:55	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 08:55	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		11/24/21 17:27	11/25/21 08:55	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		11/24/21 17:27	11/25/21 08:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*	*11/24/21 17:27*	*11/25/21 08:55*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-27

Lab Sample ID: 890-1621-243
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*11/24/21 17:27*	*11/25/21 08:55*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*11/24/21 17:27*	*11/25/21 08:55*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*11/24/21 17:27*	*11/25/21 08:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			11/29/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/03/21 15:18	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	<49.8	U	49.8		mg/Kg		11/29/21 18:16	11/29/21 20:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/29/21 18:16	11/29/21 20:02	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/29/21 18:16	11/29/21 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*65 - 130*	*11/29/21 18:16*	*11/29/21 20:02*	*1*
o-Terphenyl	*106*		*65 - 130*	*11/29/21 18:16*	*11/29/21 20:02*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.8**		10.1		mg/Kg		12/04/21 21:23	12/06/21 03:02	1

Client Sample ID: SW-28

Lab Sample ID: 890-1621-244
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		11/24/21 17:27	11/25/21 09:17	1
Toluene	<0.00498	U	0.00498		mg/Kg		11/24/21 17:27	11/25/21 09:17	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		11/24/21 17:27	11/25/21 09:17	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		11/24/21 17:27	11/25/21 09:17	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		11/24/21 17:27	11/25/21 09:17	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		11/24/21 17:27	11/25/21 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*11/24/21 17:27*	*11/25/21 09:17*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/24/21 17:27*	*11/25/21 09:17*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*	*11/24/21 17:27*	*11/25/21 09:17*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*11/24/21 17:27*	*11/25/21 09:17*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			11/29/21 17:29	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-28

Lab Sample ID: 890-1621-244
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/03/21 15:18	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	<49.6	U	49.6		mg/Kg		11/29/21 18:16	11/29/21 20:20	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/29/21 18:16	11/29/21 20:20	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/29/21 18:16	11/29/21 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*65 - 130*	*11/29/21 18:16*	*11/29/21 20:20*	*1*
o-Terphenyl	*115*		*65 - 130*	*11/29/21 18:16*	*11/29/21 20:20*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.5**		9.96		mg/Kg		12/04/21 21:23	12/06/21 03:12	1

Client Sample ID: SW-29

Lab Sample ID: 890-1621-245
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 09:39	1
Toluene	<0.00502	U	0.00502		mg/Kg		11/24/21 17:27	11/25/21 09:39	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 09:39	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		11/24/21 17:27	11/25/21 09:39	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 09:39	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		11/24/21 17:27	11/25/21 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*	*11/24/21 17:27*	*11/25/21 09:39*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*11/24/21 17:27*	*11/25/21 09:39*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*11/24/21 17:27*	*11/25/21 09:39*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*11/24/21 17:27*	*11/25/21 09:39*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/03/21 15:18	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	<49.6	U	49.6		mg/Kg		11/29/21 18:16	11/29/21 20:39	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/29/21 18:16	11/29/21 20:39	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/29/21 18:16	11/29/21 20:39	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-29

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-245

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		65 - 130	11/29/21 18:16	11/29/21 20:39	1
o-Terphenyl	111		65 - 130	11/29/21 18:16	11/29/21 20:39	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.2		9.80		mg/Kg		12/04/21 21:23	12/06/21 03:22	1

Client Sample ID: SW-30

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-246

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 10:01	1
Toluene	<0.00495	U	0.00495		mg/Kg		11/24/21 17:27	11/25/21 10:01	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 10:01	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		11/24/21 17:27	11/25/21 10:01	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		11/24/21 17:27	11/25/21 10:01	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		11/24/21 17:27	11/25/21 10:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		56 - 150	11/24/21 17:27	11/25/21 10:01	1
4-Bromofluorobenzene (Surr)	95		68 - 152	11/24/21 17:27	11/25/21 10:01	1
Dibromofluoromethane (Surr)	96		53 - 142	11/24/21 17:27	11/25/21 10:01	1
Toluene-d8 (Surr)	106		70 - 130	11/24/21 17:27	11/25/21 10:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/03/21 15:18	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	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 20:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 20:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/29/21 18:16	11/29/21 20:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		65 - 130	11/29/21 18:16	11/29/21 20:57	1
o-Terphenyl	110		65 - 130	11/29/21 18:16	11/29/21 20:57	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.3		9.80		mg/Kg		12/04/21 21:23	12/06/21 03:32	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-31

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-247

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 10:23	1
Toluene	<0.00501	U	0.00501		mg/Kg		11/24/21 17:27	11/25/21 10:23	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 10:23	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 10:23	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		11/24/21 17:27	11/25/21 10:23	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		11/24/21 17:27	11/25/21 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*56 - 150*	*11/24/21 17:27*	*11/25/21 10:23*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*11/24/21 17:27*	*11/25/21 10:23*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*11/24/21 17:27*	*11/25/21 10:23*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*11/24/21 17:27*	*11/25/21 10:23*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			11/30/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.4	U	49.4		mg/Kg			12/03/21 15:18	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	<49.4	U	49.4		mg/Kg		11/29/21 18:16	11/29/21 21:16	1
Diesel Range Organics (Over C10-C28)	<49.4	U	49.4		mg/Kg		11/29/21 18:16	11/29/21 21:16	1
Oil Range Organics (Over C28-C36)	<49.4	U	49.4		mg/Kg		11/29/21 18:16	11/29/21 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*65 - 130*	*11/29/21 18:16*	*11/29/21 21:16*	*1*
o-Terphenyl	*111*		*65 - 130*	*11/29/21 18:16*	*11/29/21 21:16*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.6**		10.1		mg/Kg		12/02/21 10:13	12/02/21 22:08	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
840-610-A-2-A MS - DL	Matrix Spike	98	98	94	102
860-15590-B-7-A MS	Matrix Spike	87	96	100	98
860-15888-C-6-A MS	Matrix Spike	99	104	97	100
860-15924-A-1-A MS	Matrix Spike	101	101	95	101
860-15972-A-20-A MS - DL2	Matrix Spike	87	100	98	101
860-15994-B-1-A MS	Matrix Spike	83	100	97	105
890-1621-1	BH-1 (2)	98	98	95	105
890-1621-2	BH-2 (2)	98	98	98	103
890-1621-3	BH-3 (2)	98	98	97	104
890-1621-4	BH-4 (2)	96	96	90	100
890-1621-5	BH-5 (2)	103	93	94	106
890-1621-6	BH-6 (2)	94	103	96	97
890-1621-7	BH-7 (2)	95	99	97	106
890-1621-8	BH-8 (2)	94	92	95	106
890-1621-9	BH-9 (2)	95	103	93	108
890-1621-10	BH-10 (2)	93	105	92	103
890-1621-11	BH-11 (2)	98	96	94	105
890-1621-12	BH-12 (2)	98	96	96	109
890-1621-13	BH-13 (2)	103	100	94	105
890-1621-14	BH-14 (2)	92	98	95	105
890-1621-15	BH-15 (2)	98	95	90	103
890-1621-16	BH-16 (2)	93	94	92	104
890-1621-17	BH-17 (2)	100	104	94	106
890-1621-18	BH-18 (2)	99	94	93	105
890-1621-19	BH-19 (2)	97	95	98	103
890-1621-20	BH-20 (2)	98	92	94	103
890-1621-21	BH-21 (3)	98	95	93	102
890-1621-22	BH-22 (3)	109	95	107	100
890-1621-23	BH-23 (3)	103	95	103	103
890-1621-24	BH-24 (3)	112	96	107	101
890-1621-25	BH-25(3)	110	97	106	99
890-1621-26	BH-26(3)	112	96	107	97
890-1621-27	BH-27(3)	120	93	106	96
890-1621-28	BH-28(3)	112	95	106	102
890-1621-29	BH-29(3)	110	97	106	100
890-1621-30	BH-30(3)	106	93	102	98
890-1621-31	BH-31(3)	112	96	108	95
890-1621-32	BH-32(3)	109	96	106	102
890-1621-33	BH-33(3)	111	93	110	100
890-1621-34	BH-34(3)	114	91	106	102
890-1621-35	BH-35(3)	108	95	107	100
890-1621-36	BH-36(3)	104	91	111	98
890-1621-37	BH-37(3)	111	96	107	96
890-1621-38	BH-38(3)	116	94	107	101
890-1621-39	BH-39(3)	112	91	103	98
890-1621-40	BH-40(3)	108	93	111	99
890-1621-41	BH-41(3)	101	99	98	97
890-1621-42	BH-42(3)	103	99	100	96
890-1621-43	BH-43(3)	102	100	99	96

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
890-1621-44	BH-44(3)	103	101	99	98
890-1621-45	BH-45(3)	104	100	98	97
890-1621-46	BH-46(3)	108	97	107	99
890-1621-47	BH-47(3)	101	99	106	104
890-1621-48	BH-48(3)	106	94	105	101
890-1621-49	BH-49(3)	100	92	103	99
890-1621-50	BH-50(3)	98	91	100	99
890-1621-51	BH-51(3)	95	100	104	102
890-1621-52	BH-52(3)	106	100	112	103
890-1621-53	BH-53(3)	95	101	112	99
890-1621-54	BH-54(3)	101	93	105	97
890-1621-55	BH-55(3)	99	92	107	101
890-1621-217	SW-1	93	102	92	98
890-1621-218	SW-2	96	101	93	99
890-1621-219	SW-3	96	100	92	98
890-1621-220	SW-4	97	104	94	98
890-1621-221	SW-5	96	102	92	97
890-1621-222	SW-6	98	100	95	96
890-1621-223	SW-7	96	99	94	99
890-1621-224	SW-8	96	100	93	96
890-1621-225	SW-9	96	100	97	95
890-1621-226	SW-10	95	99	94	98
890-1621-227	SW-11	99	100	97	97
890-1621-228	SW-12	107	96	96	100
890-1621-229	SW-13	101	102	99	96
890-1621-230	SW-14	104	98	97	98
890-1621-231	SW-15	97	96	91	102
890-1621-232	SW-16	102	99	99	100
890-1621-233	SW-17	100	95	98	101
890-1621-234	SW-18	109	98	102	99
890-1621-235	SW-19	102	92	101	101
890-1621-236	SW-20	101	99	92	102
890-1621-237	SW-21	102	96	103	99
890-1621-237 MS	SW-21	100	99	103	103
890-1621-238	SW-22	99	96	97	101
890-1621-239	SW-23	94	95	99	101
890-1621-240	SW-24	96	99	97	102
890-1621-241	SW-25	101	97	93	104
890-1621-242	SW-26	95	100	96	104
890-1621-243	SW-27	97	94	97	100
890-1621-244	SW-28	102	100	95	105
890-1621-245	SW-29	103	99	91	102
890-1621-246	SW-30	98	95	96	106
890-1621-247	SW-31	94	100	97	104
LCS 860-31878/3	Lab Control Sample	102	104	97	100
LCS 860-31884/3	Lab Control Sample	88	97	98	99
LCS 860-31886/3	Lab Control Sample	97	100	104	98
LCS 860-32023/3	Lab Control Sample	106	99	98	99
LCS 860-32027/3	Lab Control Sample	101	97	103	102
LCS 860-32087/3	Lab Control Sample	94	100	93	101

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
LCS 860-32119/3	Lab Control Sample	83	100	97	103
LCSD 860-31878/4	Lab Control Sample Dup	104	101	98	102
LCSD 860-31884/4	Lab Control Sample Dup	89	100	98	100
LCSD 860-31886/4	Lab Control Sample Dup	96	96	103	101
LCSD 860-32023/4	Lab Control Sample Dup	107	100	95	102
LCSD 860-32027/4	Lab Control Sample Dup	96	100	102	97
LCSD 860-32087/4	Lab Control Sample Dup	107	104	98	101
LCSD 860-32119/4	Lab Control Sample Dup	87	100	98	101
MB 860-31878/8	Method Blank	98	99	95	103
MB 860-31884/8	Method Blank	91	99	94	98
MB 860-31886/8	Method Blank	99	94	101	101
MB 860-32023/8	Method Blank	97	94	96	102
MB 860-32027/9	Method Blank	108	96	106	97
MB 860-32087/8	Method Blank	100	100	104	102
MB 860-32119/8	Method Blank	90	98	96	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1621-56	BH-56(4.5)	111	96
890-1621-56 MS	BH-56(4.5)	115	94
890-1621-56 MSD	BH-56(4.5)	117	74
890-1621-57	BH-57(4.5)	106	103
890-1621-58	BH-58(4.5)	106	109
890-1621-59	BH-59(4.5)	139 S1+	79
890-1621-60	BH-60(4.5)	132 S1+	80
890-1621-61	BH-61(4.5)	96	69 S1-
890-1621-62	BH-62 (4.5)	119	84
890-1621-63	BH-63 (4.5)	108	92
890-1621-64	BH-64 (4.5)	109	94
890-1621-65	BH-65(4.5)	106	83
890-1621-66	BH-66 (4.5)	127	82
890-1621-67	BH-67 (4.5)	133 S1+	83
890-1621-68	BH-68 (4.5)	119	79
890-1621-69	BH-69 (4.5)	123	105
890-1621-70	BH-70 (4.5)	127	77
890-1621-71	BH-71 (4.5)	121	75
890-1621-72	BH-72 (4.5)	126	106
890-1621-73	BH-73 (4.5)	141 S1+	107
890-1621-74	BH-74 (4.5)	112	98
890-1621-75	BH-75 (4.5)	126	68 S1-
890-1621-76	BH-76 (4.5)	113	99

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea 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)								
890-1621-76 MS	BH-76 (4.5)	154 S1+	108								
890-1621-76 MSD	BH-76 (4.5)	151 S1+	80								
890-1621-77	BH-77 (4.5)	119	76								
890-1621-78	BH-78 (4.5)	146 S1+	97								
890-1621-79	BH-79 (4.5)	136 S1+	94								
890-1621-80	BH-80 (4.5)	123	74								
890-1621-81	BH-81 (4.5)	118	82								
890-1621-82	BH-82 (4.5)	113	76								
890-1621-83	BH-83 (4.5)	107	79								
890-1621-84	BH-84 (4.5)	100	86								
890-1621-85	BH-85 (4.5)	125	90								
890-1621-86	BH-86 (4.5)	130	83								
890-1621-87	BH-87 (4.5)	120	79								
890-1621-88	BH-88 (4.5)	139 S1+	112								
890-1621-89	BH-89 (4.5)	108	71								
890-1621-90	BH-90 (4.5)	114	95								
890-1621-91	BH-91 (4.5)	136 S1+	85								
890-1621-92	BH-92 (4.5)	119	80								
890-1621-93	BH-93 (4.5)	137 S1+	76								
890-1621-94	BH-94 (4.5)	131 S1+	97								
890-1621-95	BH-95 (4.5)	162 S1+	96								
890-1621-96	BH-96 (4.5)	120	98								
890-1621-96 MS	BH-96 (4.5)	118	104								
890-1621-96 MSD	BH-96 (4.5)	109	73								
890-1621-97	BH-97 (4.5)	123	100								
890-1621-98	BH-98 (4.5)	109	72								
890-1621-99	BH-99 (4.5)	122	101								
890-1621-100	BH-100 (4.5)	130	105								
890-1621-101	BH-101 (4.5)	124	102								
890-1621-102	BH-102(4.5)	117	92								
890-1621-103	BH-103(4.5)	125	99								
890-1621-104	BH-104(4.5)	124	97								
890-1621-105	BH-105(4.5)	118	95								
890-1621-106	BH-106(4.5)	123	102								
890-1621-107	BH-107(4.5)	137 S1+	104								
890-1621-108	BH-108(4.5)	126	103								
890-1621-109	BH-109(4.5)	61 S1-	101								
890-1621-110	BH-110(4.5)	126	103								
890-1621-111	BH-111(4.5)	125	102								
890-1621-112	BH-112(4.5)	123	106								
890-1621-113	BH-113(4.5)	121	100								
890-1621-114	BH-114(4.5)	131 S1+	105								
890-1621-115	BH-115(4.5)	127	92								
890-1621-116	BH-116(4.5)	128	100								
890-1621-116 MS	BH-116(4.5)	121	102								
890-1621-116 MSD	BH-116(4.5)	151 S1+	119								
890-1621-117	BH-117(4.5)	127	92								
890-1621-118	BH-118(4.5)	125	98								
890-1621-119	BH-119(4.5)	126	99								
890-1621-120	BH-120(4.5)	122	92								

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB1	DFBZ1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-1621-121	BH-121(4.5)	102	99								
890-1621-122	BH-122(4.5)	133 S1+	87								
890-1621-123	BH-123(4.5)	137 S1+	99								
890-1621-124	BH-124(4.5)	140 S1+	104								
890-1621-125	BH-125(4.5)	109	74								
890-1621-126	BH-126(4.5)	118	103								
890-1621-127	BH-127(4.5)	122	92								
890-1621-128	BH-128(4.5)	122	88								
890-1621-129	BH-129(4.5)	132 S1+	103								
890-1621-130	BH-130(4.5)	123	100								
890-1621-131	BH-131(4.5)	121	97								
890-1621-132	BH-132(4.5)	131 S1+	102								
890-1621-133	BH-133(4.5)	144 S1+	110								
890-1621-134	BH-134(4.5)	133 S1+	94								
890-1621-135	BH-135(4.5)	120	94								
890-1621-136	BH-136(4.5)	114	96								
890-1621-136 MS	BH-136(4.5)	141 S1+	105								
890-1621-136 MSD	BH-136(4.5)	117	101								
890-1621-137	BH-137(4.5)	122	100								
890-1621-138	BH-138(4.5)	122	99								
890-1621-139	BH-139(4.5)	126	96								
890-1621-140	BH-140(4.5)	122	97								
890-1621-141	BH-141(4.5)	120	99								
890-1621-142	BH-142(4.5)	122	97								
890-1621-143	BH-143(4.5)	124	94								
890-1621-144	BH-144(4.5)	144 S1+	100								
890-1621-145	BH-145(4.5)	140 S1+	94								
890-1621-146	BH-146(4.5)	124	94								
890-1621-147	BH-147(4.5)	138 S1+	91								
890-1621-148	BH-148(4.5)	133 S1+	104								
890-1621-149	BH-149(4.5)	122	98								
890-1621-150	BH-150(4.5)	140 S1+	104								
890-1621-151	BH-151(4.5)	127	96								
890-1621-152	BH-152(4.5)	123	89								
890-1621-153	BH-153(4.5)	124	100								
890-1621-154	BH-154 (4.5)	134 S1+	100								
890-1621-155	BH-155(4.5)	133 S1+	104								
890-1621-156	BH-156(4.5)	140 S1+	91								
890-1621-156 MS	BH-156(4.5)	104	102								
890-1621-156 MSD	BH-156(4.5)	110	114								
890-1621-157	BH-157(4.5)	137 S1+	93								
890-1621-158	BH-158(4.5)	108	100								
890-1621-159	BH-159(4.5)	163 S1+	103								
890-1621-160	BH-160(4.5)	106	105								
890-1621-161	BH-161(4.5)	129	108								
890-1621-162	BH-162(4.5)	128	105								
890-1621-163	BH-163(4.5)	123	104								
890-1621-164	BH-164(4.5)	135 S1+	111								
890-1621-165	BH-165(4.5)	125	99								
890-1621-166	BH-166(4.5)	147 S1+	90								

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea 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)								
890-1621-167	BH-167(4.5)	129	107								
890-1621-168	BH-168(4.5)	146 S1+	110								
890-1621-169	BH-169(4.5)	126	102								
890-1621-170	BH-170(4.5)	131 S1+	101								
890-1621-171	BH-171(4.5)	127	107								
890-1621-172	BH-172(4.5)	130	113								
890-1621-173	BH-173(4.5)	120	104								
890-1621-174	BH-174(4.5)	134 S1+	113								
890-1621-175	BH-175(4.5)	116	106								
890-1621-176	BH-176(4.5)	128	86								
890-1621-176 MS	BH-176(4.5)	96	93								
890-1621-176 MSD	BH-176(4.5)	100	98								
890-1621-177	BH-177(4.5)	107	90								
890-1621-178	BH-178(4.5)	104	104								
890-1621-179	BH-179(4.5)	116	110								
890-1621-180	BH-180(4.5)	125	103								
890-1621-181	BH-181(4.5)	132 S1+	105								
890-1621-182	BH-182(4.5)	120	108								
890-1621-183	BH-183(4.5)	140 S1+	115								
890-1621-184	BH-184(4.5)	135 S1+	101								
890-1621-185	BH-185(4.5)	123	112								
890-1621-186	BH-186(4.5)	133 S1+	95								
890-1621-187	BH-187(4.5)	118	105								
890-1621-188	BH-188(4.5)	132 S1+	109								
890-1621-189	BH-189(4.5)	127	110								
890-1621-190	BH-190(4.5)	114	105								
890-1621-191	BH-191(4.5)	125	105								
890-1621-192	BH-192(4.5)	123	113								
890-1621-193	BH-193(4.5)	125	117								
890-1621-194	BH-194(4.5)	124	111								
890-1621-195	BH-195(4.5)	121	101								
890-1621-196	BH-196(4.5)	122	99								
890-1621-197	BH-197(4.5)	123	100								
890-1621-198	BH-198(4.5)	124	104								
890-1621-199	BH-199(4.5)	127	104								
890-1621-200	BH-200(4.5)	123	104								
890-1621-201	BH-201(4.5)	123	100								
890-1621-202	BH-202(4.5)	120	99								
890-1621-203	BH-203(4.5)	124	103								
890-1621-204	BH-204(4.5)	124	100								
890-1621-205	BH-205(4.5)	146 S1+	97								
890-1621-206	BH-206(4.5)	137 S1+	104								
890-1621-207	BH-207(4.5)	128	107								
890-1621-208	BH-208(4.5)	128	102								
890-1621-209	BH-20994.5)	124	96								
890-1621-210	BH-210(4.5)	106	78								
890-1621-211	BH-211(4.5)	136 S1+	104								
890-1621-212	BH-212(4.5)	126	99								
890-1621-213	BH-213(4.5)	137 S1+	81								
890-1621-214	BH-214(4.5)	127	77								

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea 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)								
890-1621-215	BH-215(4.5)	128	93								
890-1621-216	BH-216(4.5)	140 S1+	113								
890-1631-A-1-A MS	Matrix Spike	104	101								
890-1631-A-1-B MSD	Matrix Spike Duplicate	105	104								
890-1631-A-11-A MS	Matrix Spike	114	102								
890-1631-A-11-B MSD	Matrix Spike Duplicate	117	105								
890-1631-A-21-A MS	Matrix Spike	137 S1+	120								
890-1631-A-21-B MSD	Matrix Spike Duplicate	122	112								
LCS 880-13111/1-A	Lab Control Sample	113	98								
LCS 880-13115/1-A	Lab Control Sample	115	105								
LCS 880-13116/1-A	Lab Control Sample	117	102								
LCS 880-13157/1-A	Lab Control Sample	110	99								
LCS 880-13158/1-A	Lab Control Sample	109	77								
LCS 880-13159/1-A	Lab Control Sample	102	98								
LCS 880-13160/1-A	Lab Control Sample	111	97								
LCS 880-13161/1-A	Lab Control Sample	124	73								
LCS 880-13188/1-A	Lab Control Sample	127	107								
LCS 880-13196/1-A	Lab Control Sample	111	110								
LCSD 880-13111/2-A	Lab Control Sample Dup	120	102								
LCSD 880-13115/2-A	Lab Control Sample Dup	110	94								
LCSD 880-13116/2-A	Lab Control Sample Dup	110	98								
LCSD 880-13157/2-A	Lab Control Sample Dup	109	108								
LCSD 880-13158/2-A	Lab Control Sample Dup	108	103								
LCSD 880-13159/2-A	Lab Control Sample Dup	100	119								
LCSD 880-13160/2-A	Lab Control Sample Dup	117	105								
LCSD 880-13161/2-A	Lab Control Sample Dup	134 S1+	116								
LCSD 880-13188/2-A	Lab Control Sample Dup	129	102								
LCSD 880-13196/2-A	Lab Control Sample Dup	115	118								
MB 880-13016/5-A	Method Blank	113	102								
MB 880-13111/5-A	Method Blank	126	101								
MB 880-13115/5-A	Method Blank	119	99								
MB 880-13116/5-A	Method Blank	124	104								
MB 880-13157/5-A	Method Blank	111	109								
MB 880-13158/5-A	Method Blank	111	106								
MB 880-13159/5-A	Method Blank	118	107								
MB 880-13160/5-A	Method Blank	118	100								
MB 880-13161/5-A	Method Blank	77	79								
MB 880-13188/5-A	Method Blank	75	97								
MB 880-13196/5-A	Method Blank	79	100								

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 (65-130)	OTPH1 (65-130)								
890-1621-1	BH-1 (2)	96	106								

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	1CO1 (65-130)	OTPH1 (65-130)						
890-1621-1 MS	BH-1 (2)	116	92						
890-1621-1 MSD	BH-1 (2)	113	91						
890-1621-2	BH-2 (2)	103	112						
890-1621-3	BH-3 (2)	99	109						
890-1621-4	BH-4 (2)	104	113						
890-1621-5	BH-5 (2)	102	109						
890-1621-6	BH-6 (2)	93	103						
890-1621-7	BH-7 (2)	106	114						
890-1621-8	BH-8 (2)	102	111						
890-1621-9	BH-9 (2)	97	108						
890-1621-10	BH-10 (2)	91	101						
890-1621-11	BH-11 (2)	105	113						
890-1621-12	BH-12 (2)	105	112						
890-1621-13	BH-13 (2)	88	99						
890-1621-14	BH-14 (2)	97	108						
890-1621-15	BH-15 (2)	98	108						
890-1621-16	BH-16 (2)	100	109						
890-1621-17	BH-17 (2)	71	82						
890-1621-18	BH-18 (2)	71	81						
890-1621-19	BH-19 (2)	71	81						
890-1621-20 - RA	BH-20 (2)	101	105						
890-1621-21 - RA	BH-21 (3)	106	108						
890-1621-21 MS	BH-21 (3)	113	87						
890-1621-21 MSD	BH-21 (3)	120	91						
890-1621-22 - RA	BH-22 (3)	107	109						
890-1621-23 - RA	BH-23 (3)	104	105						
890-1621-24 - RA	BH-24 (3)	102	105						
890-1621-25 - RA	BH-25(3)	100	103						
890-1621-26 - RA	BH-26(3)	98	102						
890-1621-27 - RA	BH-27(3)	100	103						
890-1621-28 - RA	BH-28(3)	102	105						
890-1621-29 - RA	BH-29(3)	101	104						
890-1621-30 - RA	BH-30(3)	103	118						
890-1621-31 - RA	BH-31(3)	99	113						
890-1621-32 - RA	BH-32(3)	103	118						
890-1621-33 - RA	BH-33(3)	106	120						
890-1621-34 - RA	BH-34(3)	100	113						
890-1621-35 - RA	BH-35(3)	100	114						
890-1621-36	BH-36(3)	99	103						
890-1621-37	BH-37(3)	96	101						
890-1621-38	BH-38(3)	98	102						
890-1621-39	BH-39(3)	97	101						
890-1621-40	BH-40(3)	123	115						
890-1621-40 MS	BH-40(3)	123	116						
890-1621-40 MSD	BH-40(3)	115	114						
890-1621-41	BH-41(3)	113	109						
890-1621-42	BH-42(3)	116	112						
890-1621-43	BH-43(3)	115	109						
890-1621-44	BH-44(3)	109	103						
890-1621-45	BH-45(3)	117	112						

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (65-130)	OTPH1 (65-130)								
890-1621-46	BH-46(3)	117	112								
890-1621-47	BH-47(3)	107	104								
890-1621-48	BH-48(3)	122	118								
890-1621-49	BH-49(3)	117	113								
890-1621-50	BH-50(3)	110	105								
890-1621-51	BH-51(3)	111	109								
890-1621-52	BH-52(3)	100	113								
890-1621-53	BH-53(3)	93	107								
890-1621-54	BH-54(3)	91	102								
890-1621-55	BH-55(3)	93	105								
890-1621-217	SW-1	103	99								
890-1621-217 MS	SW-1	108	104								
890-1621-217 MSD	SW-1	122	101								
890-1621-218	SW-2	106	103								
890-1621-219	SW-3	101	98								
890-1621-220	SW-4	91	88								
890-1621-221	SW-5	98	95								
890-1621-222	SW-6	101	98								
890-1621-223	SW-7	100	97								
890-1621-224	SW-8	100	98								
890-1621-225	SW-9	102	98								
890-1621-226	SW-10	106	103								
890-1621-227	SW-11	106	103								
890-1621-228	SW-12	104	100								
890-1621-229	SW-13	105	102								
890-1621-230	SW-14	102	90								
890-1621-231	SW-15	97	94								
890-1621-232	SW-16	104	100								
890-1621-233	SW-17	99	83								
890-1621-234	SW-18	97	82								
890-1621-235	SW-19	99	86								
890-1621-236	SW-20	98	84								
890-1621-237	SW-21	106	99								
890-1621-237 MS	SW-21	124	87								
890-1621-237 MSD	SW-21	125	88								
890-1621-238	SW-22	114	119								
890-1621-239	SW-23	113	117								
890-1621-240	SW-24	106	111								
890-1621-241	SW-25	104	109								
890-1621-242	SW-26	102	107								
890-1621-243	SW-27	100	106								
890-1621-244	SW-28	109	115								
890-1621-245	SW-29	106	111								
890-1621-246	SW-30	103	110								
890-1621-247	SW-31	106	111								
LCS 860-32005/2-A	Lab Control Sample	117	91								
LCS 860-32233/2-A	Lab Control Sample	117	104								
LCS 860-32235/2-A	Lab Control Sample	128	104								
LCS 860-32360/2-A - RA	Lab Control Sample	120	92								
LCS 860-32364/2-A	Lab Control Sample	122	116								

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(65-130)	(65-130)
LCSD 860-32005/3-A	Lab Control Sample Dup	125	99
LCSD 860-32233/3-A	Lab Control Sample Dup	127	114
LCSD 860-32235/3-A	Lab Control Sample Dup	127	100
LCSD 860-32360/3-A - RA	Lab Control Sample Dup	120	92
LCSD 860-32364/3-A	Lab Control Sample Dup	121	117
MB 860-32005/1-A	Method Blank	100	110
MB 860-32233/1-A	Method Blank	113	109
MB 860-32235/1-A	Method Blank	113	119
MB 860-32360/1-A - RA	Method Blank	97	100
MB 860-32364/1-A	Method Blank	117	111

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1621-56	BH-56(4.5)	103	115
890-1621-57	BH-57(4.5)	102	111
890-1621-58	BH-58(4.5)	88	96
890-1621-59	BH-59(4.5)	94	105
890-1621-60	BH-60(4.5)	83	95
890-1621-60 MS	BH-60(4.5)	81	84
890-1621-60 MSD	BH-60(4.5)	94	97
890-1621-61	BH-61(4.5)	90	87
890-1621-61 MS	BH-61(4.5)	92	75
890-1621-61 MSD	BH-61(4.5)	90	73
890-1621-62	BH-62 (4.5)	87	83
890-1621-63	BH-63 (4.5)	88	85
890-1621-64	BH-64 (4.5)	90	86
890-1621-65	BH-65(4.5)	43 S1-	87
890-1621-66	BH-66 (4.5)	89	84
890-1621-67	BH-67 (4.5)	92	88
890-1621-68	BH-68 (4.5)	86	83
890-1621-69	BH-69 (4.5)	88	84
890-1621-70	BH-70 (4.5)	91	86
890-1621-71	BH-71 (4.5)	90	84
890-1621-72	BH-72 (4.5)	90	85
890-1621-73	BH-73 (4.5)	89	83
890-1621-74	BH-74 (4.5)	95	90
890-1621-75	BH-75 (4.5)	87	82
890-1621-76	BH-76 (4.5)	97	92
890-1621-77	BH-77 (4.5)	94	88
890-1621-78	BH-78 (4.5)	107	102
890-1621-79	BH-79 (4.5)	88	83
890-1621-80	BH-80 (4.5)	90	86
890-1621-81	BH-81 (4.5)	85	80

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-1621-81 MS	BH-81 (4.5)	84	73								
890-1621-81 MSD	BH-81 (4.5)	84	77								
890-1621-82	BH-82 (4.5)	91	85								
890-1621-83	BH-83 (4.5)	95	96								
890-1621-84	BH-84 (4.5)	90	89								
890-1621-85	BH-85 (4.5)	88	88								
890-1621-86	BH-86 (4.5)	91	91								
890-1621-87	BH-87 (4.5)	107	106								
890-1621-88	BH-88 (4.5)	89	88								
890-1621-89	BH-89 (4.5)	107	106								
890-1621-90	BH-90 (4.5)	89	85								
890-1621-91	BH-91 (4.5)	85	84								
890-1621-92	BH-92 (4.5)	88	87								
890-1621-93	BH-93 (4.5)	90	88								
890-1621-94	BH-94 (4.5)	85	85								
890-1621-95	BH-95 (4.5)	91	90								
890-1621-96	BH-96 (4.5)	90	90								
890-1621-97	BH-97 (4.5)	85	87								
890-1621-98	BH-98 (4.5)	97	95								
890-1621-99	BH-99 (4.5)	88	88								
890-1621-100	BH-100 (4.5)	87	87								
890-1621-101	BH-101 (4.5)	95	112								
890-1621-101 MS	BH-101 (4.5)	107	107								
890-1621-101 MSD	BH-101 (4.5)	107	0 S1-								
890-1621-102	BH-102(4.5)	98	116								
890-1621-103	BH-103(4.5)	95	109								
890-1621-104	BH-104(4.5)	96	111								
890-1621-105	BH-105(4.5)	98	112								
890-1621-106	BH-106(4.5)	96	112								
890-1621-107	BH-107(4.5)	99	113								
890-1621-108	BH-108(4.5)	99	114								
890-1621-109	BH-109(4.5)	95	110								
890-1621-110	BH-110(4.5)	96	110								
890-1621-111	BH-111(4.5)	96	109								
890-1621-112	BH-112(4.5)	98	113								
890-1621-113	BH-113(4.5)	94	107								
890-1621-114	BH-114(4.5)	101	115								
890-1621-115	BH-115(4.5)	99	113								
890-1621-116	BH-116(4.5)	100	113								
890-1621-117	BH-117(4.5)	102	116								
890-1621-118	BH-118(4.5)	96	109								
890-1621-119	BH-119(4.5)	98	111								
890-1621-120	BH-120(4.5)	98	111								
890-1621-121	BH-121(4.5)	107	124								
890-1621-121 MS	BH-121(4.5)	103	98								
890-1621-121 MSD	BH-121(4.5)	111	107								
890-1621-122	BH-122(4.5)	98	111								
890-1621-123	BH-123(4.5)	110	126								
890-1621-124	BH-124(4.5)	101	116								
890-1621-125	BH-125(4.5)	100	114								

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-1621-126	BH-126(4.5)	101	117								
890-1621-127	BH-127(4.5)	98	111								
890-1621-128	BH-128(4.5)	98	113								
890-1621-129	BH-129(4.5)	99	114								
890-1621-130	BH-130(4.5)	98	114								
890-1621-131	BH-131(4.5)	98	112								
890-1621-132	BH-132(4.5)	98	112								
890-1621-133	BH-133(4.5)	97	111								
890-1621-134	BH-134(4.5)	99	113								
890-1621-135	BH-135(4.5)	100	115								
890-1621-136	BH-136(4.5)	101	116								
890-1621-137	BH-137(4.5)	100	113								
890-1621-138	BH-138(4.5)	117	132 S1+								
890-1621-139	BH-139(4.5)	102	117								
890-1621-140	BH-140(4.5)	91	106								
890-1621-141	BH-141(4.5)	85	88								
890-1621-141 MS	BH-141(4.5)	87	77								
890-1621-141 MSD	BH-141(4.5)	95	83								
890-1621-142	BH-142(4.5)	90	93								
890-1621-143	BH-143(4.5)	90	91								
890-1621-144	BH-144(4.5)	88	90								
890-1621-145	BH-145(4.5)	86	90								
890-1621-146	BH-146(4.5)	84	88								
890-1621-147	BH-147(4.5)	103	105								
890-1621-148	BH-148(4.5)	85	91								
890-1621-149	BH-149(4.5)	86	91								
890-1621-150	BH-150(4.5)	83	84								
890-1621-151	BH-151(4.5)	85	91								
890-1621-152	BH-152(4.5)	86	88								
890-1621-153	BH-153(4.5)	85	88								
890-1621-154	BH-154 (4.5)	87	90								
890-1621-155	BH-155(4.5)	84	85								
890-1621-156	BH-156(4.5)	87	90								
890-1621-157	BH-157(4.5)	88	91								
890-1621-158	BH-158(4.5)	86	92								
890-1621-159	BH-159(4.5)	101	102								
890-1621-160	BH-160(4.5)	86	85								
890-1621-161	BH-161(4.5)	86	91								
890-1621-161 MS	BH-161(4.5)	94	86								
890-1621-161 MSD	BH-161(4.5)	95	87								
890-1621-162	BH-162(4.5)	106	111								
890-1621-163	BH-163(4.5)	84	84								
890-1621-164	BH-164(4.5)	84	84								
890-1621-165	BH-165(4.5)	88	89								
890-1621-166	BH-166(4.5)	87	88								
890-1621-167	BH-167(4.5)	84	86								
890-1621-168	BH-168(4.5)	99	99								
890-1621-169	BH-169(4.5)	87	90								
890-1621-170	BH-170(4.5)	89	90								
890-1621-171	BH-171(4.5)	90	94								

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-1621-172	BH-172(4.5)	81	86								
890-1621-173	BH-173(4.5)	88	91								
890-1621-174	BH-174(4.5)	87	87								
890-1621-175	BH-175(4.5)	86	91								
890-1621-176	BH-176(4.5)	82	84								
890-1621-177	BH-177(4.5)	100	101								
890-1621-178	BH-178(4.5)	85	89								
890-1621-179	BH-179(4.5)	85	89								
890-1621-180	BH-180(4.5)	88	88								
890-1621-181	BH-181(4.5)	92	100								
890-1621-181 MS	BH-181(4.5)	81	78								
890-1621-181 MSD	BH-181(4.5)	84	82								
890-1621-182	BH-182(4.5)	88	96								
890-1621-183	BH-183(4.5)	91	100								
890-1621-184	BH-184(4.5)	90	98								
890-1621-185	BH-185(4.5)	105	111								
890-1621-186	BH-186(4.5)	87	93								
890-1621-187	BH-187(4.5)	92	102								
890-1621-188	BH-188(4.5)	90	101								
890-1621-189	BH-189(4.5)	91	100								
890-1621-190	BH-190(4.5)	91	101								
890-1621-191	BH-191(4.5)	91	100								
890-1621-192	BH-192(4.5)	92	103								
890-1621-193	BH-193(4.5)	94	104								
890-1621-194	BH-194(4.5)	95	106								
890-1621-195	BH-195(4.5)	92	101								
890-1621-196	BH-196(4.5)	94	103								
890-1621-197	BH-197(4.5)	92	103								
890-1621-198	BH-198(4.5)	92	104								
890-1621-199	BH-199(4.5)	90	99								
890-1621-200	BH-200(4.5)	91	103								
890-1621-201	BH-201(4.5)	97	107								
890-1621-201 MS	BH-201(4.5)	85	84								
890-1621-201 MSD	BH-201(4.5)	85	83								
890-1621-202	BH-202(4.5)	96	107								
890-1621-203	BH-203(4.5)	91	102								
890-1621-204	BH-204(4.5)	93	105								
890-1621-205	BH-205(4.5)	91	102								
890-1621-206	BH-206(4.5)	96	105								
890-1621-207	BH-207(4.5)	94	105								
890-1621-208	BH-208(4.5)	97	106								
890-1621-209	BH-20994.5)	90	98								
890-1621-210	BH-210(4.5)	92	102								
890-1621-211	BH-211(4.5)	93	102								
890-1621-212	BH-212(4.5)	98	107								
890-1621-213	BH-213(4.5)	96	106								
890-1621-214	BH-214(4.5)	93	101								
890-1621-215	BH-215(4.5)	95	107								
890-1621-216	BH-216(4.5)	92	103								
LCS 880-13798/2-A	Lab Control Sample	82	72								

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
LCS 880-13799/2-A	Lab Control Sample	84	74								
LCS 880-13800/2-A	Lab Control Sample	102	109								
LCS 880-13801/2-A	Lab Control Sample	96	100								
LCS 880-13802/2-A	Lab Control Sample	99	92								
LCS 880-13804/2-A	Lab Control Sample	112	101								
LCS 880-13811/2-A	Lab Control Sample	105	111								
LCS 880-13812/2-A	Lab Control Sample	90	95								
LCS 880-13813/2-A	Lab Control Sample	99	99								
LCSD 880-13798/3-A	Lab Control Sample Dup	142 S1+	129								
LCSD 880-13799/3-A	Lab Control Sample Dup	138 S1+	125								
LCSD 880-13800/3-A	Lab Control Sample Dup	109	116								
LCSD 880-13801/3-A	Lab Control Sample Dup	101	106								
LCSD 880-13802/3-A	Lab Control Sample Dup	133 S1+	133 S1+								
LCSD 880-13804/3-A	Lab Control Sample Dup	134 S1+	130								
LCSD 880-13811/3-A	Lab Control Sample Dup	106	110								
LCSD 880-13812/3-A	Lab Control Sample Dup	89	95								
LCSD 880-13813/3-A	Lab Control Sample Dup	109	114								
MB 880-13798/1-A	Method Blank	92	91								
MB 880-13799/1-A	Method Blank	93	92								
MB 880-13800/1-A	Method Blank	105	127								
MB 880-13801/1-A	Method Blank	113	134 S1+								
MB 880-13802/1-A	Method Blank	94	98								
MB 880-13804/1-A	Method Blank	92	97								
MB 880-13811/1-A	Method Blank	114	128								
MB 880-13812/1-A	Method Blank	98	113								
MB 880-13813/1-A	Method Blank	92	102								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: 860-15590-B-7-A MS
Matrix: Solid
Analysis Batch: 31886

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30754

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.0192	U	0.962	0.9454		mg/Kg		98	71 - 119
Toluene	<0.0962	U	0.962	0.9750		mg/Kg		101	74 - 122
Ethylbenzene	<0.0192	U	0.962	1.003		mg/Kg		104	80 - 123
m,p-Xylenes	<0.0385	U	0.962	1.003		mg/Kg		104	78 - 127
o-Xylene	<0.0192	U	0.962	1.039		mg/Kg		108	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*100*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 860-15924-A-1-A MS
Matrix: Solid
Analysis Batch: 32087

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 31679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2.14		99.6	107.5		mg/Kg		106	71 - 119
Toluene	41.3		99.6	131.5		mg/Kg		91	74 - 122
Ethylbenzene	22.3		99.6	127.3		mg/Kg		105	80 - 123
m,p-Xylenes	128	F1	99.6	200.8	F1	mg/Kg		73	78 - 127
o-Xylene	59.4		99.6	162.0		mg/Kg		103	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*95*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 860-15994-B-1-A MS
Matrix: Solid
Analysis Batch: 31884

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 31679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.0249	U	1.24	1.273		mg/Kg		102	71 - 119
Toluene	<0.124	U	1.24	1.314		mg/Kg		106	74 - 122
Ethylbenzene	<0.0249	U	1.24	1.292		mg/Kg		104	80 - 123
m,p-Xylenes	<0.0497	U	1.24	1.236		mg/Kg		99	78 - 127
o-Xylene	<0.0249	U	1.24	1.282		mg/Kg		103	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*105*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-15888-C-6-A MS **Client Sample ID: Matrix Spike**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 31878 **Prep Batch: 31771**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.0200	U	1.00	1.033		mg/Kg		103	71 - 119
Toluene	0.110		1.00	1.121		mg/Kg		101	74 - 122
Ethylbenzene	0.0317		1.00	1.095		mg/Kg		106	80 - 123
m,p-Xylenes	0.111		1.00	1.123		mg/Kg		101	78 - 127
o-Xylene	0.0447		1.00	1.103		mg/Kg		106	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 860-31878/8 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 31878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			11/24/21 13:23	1
Toluene	<0.00500	U	0.00500		mg/Kg			11/24/21 13:23	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			11/24/21 13:23	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			11/24/21 13:23	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			11/24/21 13:23	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			11/24/21 13:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*		*11/24/21 13:23*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*		*11/24/21 13:23*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*		*11/24/21 13:23*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/24/21 13:23*	*1*

Lab Sample ID: LCS 860-31878/3 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 31878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04734		mg/Kg		95	66 - 142
Toluene	0.0500	0.04911		mg/Kg		98	74 - 130
Ethylbenzene	0.0500	0.05325		mg/Kg		107	80 - 130
m,p-Xylenes	0.0500	0.04983		mg/Kg		100	78 - 130
o-Xylene	0.0500	0.05313		mg/Kg		106	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-31878/4
Matrix: Solid
Analysis Batch: 31878

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.05075		mg/Kg		102	66 - 142	7	25
Toluene			0.0500	0.04905		mg/Kg		98	74 - 130	0	25
Ethylbenzene			0.0500	0.05461		mg/Kg		109	80 - 130	3	25
m,p-Xylenes			0.0500	0.05079		mg/Kg		102	78 - 130	2	25
o-Xylene			0.0500	0.05510		mg/Kg		110	79 - 130	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 860-31884/8
Matrix: Solid
Analysis Batch: 31884

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			11/24/21 13:24	1
Toluene	<0.00500	U	0.00500		mg/Kg			11/24/21 13:24	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			11/24/21 13:24	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			11/24/21 13:24	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			11/24/21 13:24	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			11/24/21 13:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*		*11/24/21 13:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*		*11/24/21 13:24*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*		*11/24/21 13:24*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/24/21 13:24*	*1*

Lab Sample ID: LCS 860-31884/3
Matrix: Solid
Analysis Batch: 31884

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene			0.0500	0.04402		mg/Kg		88	66 - 142
Toluene			0.0500	0.04246		mg/Kg		85	74 - 130
Ethylbenzene			0.0500	0.04214		mg/Kg		84	80 - 130
m,p-Xylenes			0.0500	0.04004		mg/Kg		80	78 - 130
o-Xylene			0.0500	0.04253		mg/Kg		85	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-31884/4 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 31884

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.04650		mg/Kg		93	66 - 142	5	25
Toluene			0.0500	0.04591		mg/Kg		92	74 - 130	8	25
Ethylbenzene			0.0500	0.04632		mg/Kg		93	80 - 130	9	25
m,p-Xylenes			0.0500	0.04468		mg/Kg		89	78 - 130	11	25
o-Xylene			0.0500	0.04665		mg/Kg		93	79 - 130	9	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 860-31886/8 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 31886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			11/24/21 15:25	1
Toluene	<0.00500	U	0.00500		mg/Kg			11/24/21 15:25	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			11/24/21 15:25	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			11/24/21 15:25	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			11/24/21 15:25	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			11/24/21 15:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*		*11/24/21 15:25*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*		*11/24/21 15:25*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*		*11/24/21 15:25*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/24/21 15:25*	*1*

Lab Sample ID: LCS 860-31886/3 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 31886

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene			0.0500	0.04951		mg/Kg		99	66 - 142
Toluene			0.0500	0.04837		mg/Kg		97	74 - 130
Ethylbenzene			0.0500	0.05143		mg/Kg		103	80 - 130
m,p-Xylenes			0.0500	0.05105		mg/Kg		102	78 - 130
o-Xylene			0.0500	0.05123		mg/Kg		102	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*104*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-31886/4
Matrix: Solid
Analysis Batch: 31886

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.04355		mg/Kg		87	66 - 142	13	25
Toluene			0.0500	0.04458		mg/Kg		89	74 - 130	8	25
Ethylbenzene			0.0500	0.04551		mg/Kg		91	80 - 130	12	25
m,p-Xylenes			0.0500	0.04490		mg/Kg		90	78 - 130	13	25
o-Xylene			0.0500	0.04599		mg/Kg		92	79 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*103*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-1621-237 MS
Matrix: Solid
Analysis Batch: 32027

Client Sample ID: SW-21
Prep Type: Total/NA
Prep Batch: 32006

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.000998	U	0.0504	0.04969		mg/Kg		98	71 - 119
Toluene	<0.00499	U	0.0504	0.04921		mg/Kg		98	74 - 122
Ethylbenzene	<0.000998	U	0.0504	0.04775		mg/Kg		95	80 - 123
m,p-Xylenes	<0.00200	U	0.0504	0.04777		mg/Kg		93	78 - 127
o-Xylene	<0.000998	U	0.0504	0.04940		mg/Kg		98	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*103*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 860-32023/8
Matrix: Solid
Analysis Batch: 32023

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			11/25/21 03:00	1
Toluene	<0.00500	U	0.00500		mg/Kg			11/25/21 03:00	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			11/25/21 03:00	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			11/25/21 03:00	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			11/25/21 03:00	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			11/25/21 03:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*		*11/25/21 03:00*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*		*11/25/21 03:00*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*		*11/25/21 03:00*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/25/21 03:00*	*1*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-32023/3
Matrix: Solid
Analysis Batch: 32023

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.0500	0.05237		mg/Kg		105	66 - 142		
Toluene			0.0500	0.05020		mg/Kg		100	74 - 130		
Ethylbenzene			0.0500	0.05296		mg/Kg		106	80 - 130		
m,p-Xylenes			0.0500	0.04908		mg/Kg		98	78 - 130		
o-Xylene			0.0500	0.05384		mg/Kg		108	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 860-32023/4
Matrix: Solid
Analysis Batch: 32023

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.05166		mg/Kg		103	66 - 142	1	25
Toluene			0.0500	0.05197		mg/Kg		104	74 - 130	3	25
Ethylbenzene			0.0500	0.05417		mg/Kg		108	80 - 130	2	25
m,p-Xylenes			0.0500	0.05080		mg/Kg		102	78 - 130	3	25
o-Xylene			0.0500	0.05424		mg/Kg		108	79 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*95*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 860-32027/9
Matrix: Solid
Analysis Batch: 32027

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			11/25/21 04:57	1
Toluene	<0.00500	U	0.00500		mg/Kg			11/25/21 04:57	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			11/25/21 04:57	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			11/25/21 04:57	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			11/25/21 04:57	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			11/25/21 04:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*		*11/25/21 04:57*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*11/25/21 04:57*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*		*11/25/21 04:57*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/25/21 04:57*	*1*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-32027/3
Matrix: Solid
Analysis Batch: 32027

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.0500	0.04797		mg/Kg		96	66 - 142		
Toluene			0.0500	0.04722		mg/Kg		94	74 - 130		
Ethylbenzene			0.0500	0.04867		mg/Kg		97	80 - 130		
m,p-Xylenes			0.0500	0.04840		mg/Kg		97	78 - 130		
o-Xylene			0.0500	0.04993		mg/Kg		100	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*
Dibromofluoromethane (Surr)	*103*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-32027/4
Matrix: Solid
Analysis Batch: 32027

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.04067		mg/Kg		81	66 - 142	16	25
Toluene			0.0500	0.03799		mg/Kg		76	74 - 130	22	25
Ethylbenzene			0.0500	0.04034		mg/Kg		81	80 - 130	19	25
m,p-Xylenes			0.0500	0.03966		mg/Kg		79	78 - 130	20	25
o-Xylene			0.0500	0.04102		mg/Kg		82	79 - 130	20	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*102*		*53 - 142*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 860-32087/8
Matrix: Solid
Analysis Batch: 32087

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			11/29/21 12:41	1
Toluene	<0.00500	U	0.00500		mg/Kg			11/29/21 12:41	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			11/29/21 12:41	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			11/29/21 12:41	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			11/29/21 12:41	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			11/29/21 12:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*		*11/29/21 12:41*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*		*11/29/21 12:41*	*1*
Dibromofluoromethane (Surr)	*104*		*53 - 142*		*11/29/21 12:41*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/29/21 12:41*	*1*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-32087/3
Matrix: Solid
Analysis Batch: 32087

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.0500	0.05071		mg/Kg		101	66 - 142		
Toluene			0.0500	0.04816		mg/Kg		96	74 - 130		
Ethylbenzene			0.0500	0.05334		mg/Kg		107	80 - 130		
m,p-Xylenes			0.0500	0.04884		mg/Kg		98	78 - 130		
o-Xylene			0.0500	0.05221		mg/Kg		104	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*93*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 860-32087/4
Matrix: Solid
Analysis Batch: 32087

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.05203		mg/Kg		104	66 - 142	3	25
Toluene			0.0500	0.04992		mg/Kg		100	74 - 130	4	25
Ethylbenzene			0.0500	0.05340		mg/Kg		107	80 - 130	0	25
m,p-Xylenes			0.0500	0.04952		mg/Kg		99	78 - 130	1	25
o-Xylene			0.0500	0.05562		mg/Kg		111	79 - 130	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 860-32119/8
Matrix: Solid
Analysis Batch: 32119

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			11/29/21 13:59	1
Toluene	<0.00500	U	0.00500		mg/Kg			11/29/21 13:59	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			11/29/21 13:59	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			11/29/21 13:59	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			11/29/21 13:59	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			11/29/21 13:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*		*11/29/21 13:59*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*		*11/29/21 13:59*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*		*11/29/21 13:59*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/29/21 13:59*	*1*

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-32119/3 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32119

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.0500	0.05100		mg/Kg		102	66 - 142		
Toluene			0.0500	0.05183		mg/Kg		104	74 - 130		
Ethylbenzene			0.0500	0.05219		mg/Kg		104	80 - 130		
m,p-Xylenes			0.0500	0.04917		mg/Kg		98	78 - 130		
o-Xylene			0.0500	0.05118		mg/Kg		102	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 860-32119/4 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32119

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.04577		mg/Kg		92	66 - 142	11	25
Toluene			0.0500	0.04543		mg/Kg		91	74 - 130	13	25
Ethylbenzene			0.0500	0.04528		mg/Kg		91	80 - 130	14	25
m,p-Xylenes			0.0500	0.04320		mg/Kg		86	78 - 130	13	25
o-Xylene			0.0500	0.04593		mg/Kg		92	79 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Lab Sample ID: 840-610-A-2-A MS **Client Sample ID: Matrix Spike**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32023 **Prep Batch: 31798**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene - DL	<1.00	U	50.1	51.82		mg/Kg		102	71 - 119		
Toluene - DL	27.2	F1	50.1	63.02	F1	mg/Kg		72	74 - 122		
Ethylbenzene - DL	5.79		50.1	58.33		mg/Kg		105	80 - 123		
m,p-Xylenes - DL	120	F1	50.1	99.01	F1	mg/Kg		-42	78 - 127		
o-Xylene - DL	19.5		50.1	65.22		mg/Kg		91	79 - 125		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr) - DL	*98*		*56 - 150*
4-Bromofluorobenzene (Surr) - DL	*98*		*68 - 152*

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 840-610-A-2-A MS **Client Sample ID: Matrix Spike**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32023 **Prep Batch: 31798**

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr) - DL	*94*		*53 - 142*
Toluene-d8 (Surr) - DL	*102*		*70 - 130*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Lab Sample ID: 860-15972-A-20-A MS **Client Sample ID: Matrix Spike**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32119 **Prep Batch: 31679**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene - DL2	<0.990	U	49.5	50.65		mg/Kg		102	71 - 119
Toluene - DL2	<4.95	U	49.5	49.78		mg/Kg		101	74 - 122
Ethylbenzene - DL2	16.7		49.5	67.74		mg/Kg		103	80 - 123
m,p-Xylenes - DL2	47.2		49.5	97.10		mg/Kg		101	78 - 127
o-Xylene - DL2	15.7		49.5	66.01		mg/Kg		102	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr) - DL2	*87*		*56 - 150*
4-Bromofluorobenzene (Surr) - DL2	*100*		*68 - 152*
Dibromofluoromethane (Surr) - DL2	*98*		*53 - 142*
Toluene-d8 (Surr) - DL2	*101*		*70 - 130*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-13016/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13016**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/23/21 16:45	11/24/21 10:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/23/21 16:45	11/24/21 10:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/23/21 16:45	11/24/21 10:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/23/21 16:45	11/24/21 10:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/23/21 16:45	11/24/21 10:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/23/21 16:45	11/24/21 10:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/23/21 16:45*	*11/24/21 10:46*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/23/21 16:45*	*11/24/21 10:46*	*1*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-13111/5-A
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 11:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 11:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 11:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 08:15	11/24/21 11:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:15	11/24/21 11:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 08:15	11/24/21 11:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*11/24/21 08:15*	*11/24/21 11:11*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/24/21 08:15*	*11/24/21 11:11*	*1*

Lab Sample ID: LCS 880-13111/1-A
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13111

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08862		mg/Kg		89	70 - 130		
Toluene			0.100	0.09013		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.09329		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene			0.200	0.1845		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.08918		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-13111/2-A
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13111

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08583		mg/Kg		86	70 - 130	3	35
Toluene			0.100	0.1005		mg/Kg		101	70 - 130	11	35
Ethylbenzene			0.100	0.09537		mg/Kg		95	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1915		mg/Kg		96	70 - 130	4	35
o-Xylene			0.100	0.09740		mg/Kg		97	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-1621-96 MS
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: BH-96 (4.5)
Prep Type: Total/NA
Prep Batch: 13111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00200	U F1 F2	0.0998	0.07672		mg/Kg		77	70 - 130		
Toluene	<0.00200	U F1 F2	0.0998	0.07916		mg/Kg		79	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: 890-1621-96 MS **Client Sample ID: BH-96 (4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13109 **Prep Batch: 13111**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U F1	0.0998	0.07704		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1534		mg/Kg		77	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.07558		mg/Kg		76	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-1621-96 MSD **Client Sample ID: BH-96 (4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13109 **Prep Batch: 13111**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0994	0.04724	F1 F2	mg/Kg		48	70 - 130	48	35
Toluene	<0.00200	U F1 F2	0.0994	0.05031	F1 F2	mg/Kg		51	70 - 130	45	35
Ethylbenzene	<0.00200	U F1	0.0994	0.05664	F1	mg/Kg		57	70 - 130	31	35
m-Xylene & p-Xylene	<0.00399	U F1	0.199	0.1119	F1	mg/Kg		56	70 - 130	31	35
o-Xylene	<0.00200	U F1	0.0994	0.06089	F1	mg/Kg		61	70 - 130	22	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*

Lab Sample ID: MB 880-13115/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13109 **Prep Batch: 13115**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/24/21 22:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/24/21 22:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/24/21 22:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 08:20	11/24/21 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:20	11/24/21 22:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 08:20	11/24/21 22:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*11/24/21 08:20*	*11/24/21 22:46*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/24/21 08:20*	*11/24/21 22:46*	*1*

Lab Sample ID: LCS 880-13115/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13109 **Prep Batch: 13115**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08737		mg/Kg		87	70 - 130
Toluene	0.100	0.09167		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09087		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1803		mg/Kg		90	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-13115/1-A
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13115

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			0.100	0.08951		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-13115/2-A
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13115

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.07902		mg/Kg		79	70 - 130	10	35
Toluene			0.100	0.07914		mg/Kg		79	70 - 130	15	35
Ethylbenzene			0.100	0.08154		mg/Kg		82	70 - 130	11	35
m-Xylene & p-Xylene			0.200	0.1634		mg/Kg		82	70 - 130	10	35
o-Xylene			0.100	0.08116		mg/Kg		81	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-1621-116 MS
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: BH-116(4.5)
Prep Type: Total/NA
Prep Batch: 13115

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00200	U F1 F2	0.0998	0.01711	F1	mg/Kg		17	70 - 130		
Toluene	<0.00200	U F1 F2	0.0998	0.03005	F1	mg/Kg		29	70 - 130		
Ethylbenzene	<0.00200	U F1 F2	0.0998	0.02312	F1	mg/Kg		23	70 - 130		
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.200	0.05185	F1	mg/Kg		26	70 - 130		
o-Xylene	<0.00200	U F1 F2	0.0998	0.02865	F1	mg/Kg		28	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-1621-116 MSD
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: BH-116(4.5)
Prep Type: Total/NA
Prep Batch: 13115

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0994	0.04872	F1 F2	mg/Kg		49	70 - 130	96	35
Toluene	<0.00200	U F1 F2	0.0994	0.05963	F1 F2	mg/Kg		59	70 - 130	66	35
Ethylbenzene	<0.00200	U F1 F2	0.0994	0.05370	F1 F2	mg/Kg		54	70 - 130	80	35
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.199	0.1158	F1 F2	mg/Kg		58	70 - 130	76	35
o-Xylene	<0.00200	U F1 F2	0.0994	0.05912	F1 F2	mg/Kg		59	70 - 130	69	35

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: 890-1621-116 MSD
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: BH-116(4.5)
Prep Type: Total/NA
Prep Batch: 13115

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: MB 880-13116/5-A
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 10:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 10:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 10:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 08:23	11/25/21 10:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 08:23	11/25/21 10:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 08:23	11/25/21 10:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	11/24/21 08:23	11/25/21 10:21	1
1,4-Difluorobenzene (Surr)	104		70 - 130	11/24/21 08:23	11/25/21 10:21	1

Lab Sample ID: LCS 880-13116/1-A
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13116

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08128		mg/Kg		81	70 - 130		
Toluene			0.100	0.08615		mg/Kg		86	70 - 130		
Ethylbenzene			0.100	0.09015		mg/Kg		90	70 - 130		
m-Xylene & p-Xylene			0.200	0.1773		mg/Kg		89	70 - 130		
o-Xylene			0.100	0.08866		mg/Kg		89	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-13116/2-A
Matrix: Solid
Analysis Batch: 13109

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13116

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.07971		mg/Kg		80	70 - 130	2	35
Toluene			0.100	0.08232		mg/Kg		82	70 - 130	5	35
Ethylbenzene			0.100	0.08628		mg/Kg		86	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.1704		mg/Kg		85	70 - 130	4	35
o-Xylene			0.100	0.08271		mg/Kg		83	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130

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QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: LCSD 880-13116/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13109 **Prep Batch: 13116**

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

Lab Sample ID: 890-1621-136 MS **Client Sample ID: BH-136(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13109 **Prep Batch: 13116**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1 F2	0.0998	0.02661	F1	mg/Kg		26	70 - 130
Toluene	<0.00200	U F1 F2	0.0998	0.03072	F1	mg/Kg		30	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.03418	F1	mg/Kg		34	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.200	0.05723	F1	mg/Kg		29	70 - 130
o-Xylene	<0.00200	U F1 F2	0.0998	0.01288	F1	mg/Kg		11	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-1621-136 MSD **Client Sample ID: BH-136(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13109 **Prep Batch: 13116**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0994	0.04374	F1 F2	mg/Kg		43	70 - 130	49	35
Toluene	<0.00200	U F1 F2	0.0994	0.05070	F1 F2	mg/Kg		50	70 - 130	49	35
Ethylbenzene	<0.00200	U F1	0.0994	0.04829	F1	mg/Kg		49	70 - 130	34	35
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.199	0.09347	F1 F2	mg/Kg		47	70 - 130	48	35
o-Xylene	<0.00200	U F1 F2	0.0994	0.05086	F1 F2	mg/Kg		49	70 - 130	119	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-13157/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13157**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 21:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 21:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 21:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/24/21 21:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:45	11/24/21 21:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 09:45	11/24/21 21:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/24/21 09:45	11/24/21 21:40	1
1,4-Difluorobenzene (Surr)	109		70 - 130	11/24/21 09:45	11/24/21 21:40	1

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: LCS 880-13157/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13157**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.09431		mg/Kg		94	70 - 130		
Toluene			0.100	0.08976		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.08838		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene			0.200	0.1828		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.09363		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-13157/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13157**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09582		mg/Kg		96	70 - 130	2	35
Toluene			0.100	0.08910		mg/Kg		89	70 - 130	1	35
Ethylbenzene			0.100	0.08863		mg/Kg		89	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.1848		mg/Kg		92	70 - 130	1	35
o-Xylene			0.100	0.09401		mg/Kg		94	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 890-1621-56 MS **Client Sample ID: BH-56(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13157**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00200	U F1	0.100	0.02774	F1	mg/Kg		28	70 - 130		
Toluene	<0.00200	U F1	0.100	0.03336	F1	mg/Kg		33	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	0.04022	F1	mg/Kg		39	70 - 130		
m-Xylene & p-Xylene	<0.00401	U F1	0.201	0.07786	F1	mg/Kg		39	70 - 130		
o-Xylene	<0.00200	U F1	0.100	0.04118	F1	mg/Kg		40	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-1621-56 MSD **Client Sample ID: BH-56(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13157**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.03765	F1	mg/Kg		38	70 - 130	30	35
Toluene	<0.00200	U F1	0.0996	0.04354	F1	mg/Kg		44	70 - 130	26	35
Ethylbenzene	<0.00200	U F1	0.0996	0.04549	F1	mg/Kg		45	70 - 130	12	35

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: 890-1621-56 MSD **Client Sample ID: BH-56(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13157**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U F1	0.199	0.09712	F1	mg/Kg		49	70 - 130	22	35
o-Xylene	<0.00200	U F1	0.0996	0.04819	F1	mg/Kg		47	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*

Lab Sample ID: MB 880-13158/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13158**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 08:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 08:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 08:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 09:58	11/25/21 08:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 09:58	11/25/21 08:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 09:58	11/25/21 08:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*11/24/21 09:58*	*11/25/21 08:32*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*11/24/21 09:58*	*11/25/21 08:32*	*1*

Lab Sample ID: LCS 880-13158/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13158**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08188		mg/Kg		82	70 - 130		
Toluene			0.100	0.08098		mg/Kg		81	70 - 130		
Ethylbenzene			0.100	0.08308		mg/Kg		83	70 - 130		
m-Xylene & p-Xylene			0.200	0.1730		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.08738		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

Lab Sample ID: LCSD 880-13158/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13108 **Prep Batch: 13158**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09003		mg/Kg		90	70 - 130	9	35
Toluene			0.100	0.08536		mg/Kg		85	70 - 130	5	35
Ethylbenzene			0.100	0.08489		mg/Kg		85	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1786		mg/Kg		89	70 - 130	3	35
o-Xylene			0.100	0.09084		mg/Kg		91	70 - 130	4	35

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

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

Lab Sample ID: 890-1621-76 MS — **Client Sample ID: BH-76 (4.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 13108 — **Prep Batch: 13158**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.100	0.01031	F1	mg/Kg		10	70 - 130
Toluene	<0.00200	U F1	0.100	0.01379	F1	mg/Kg		14	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.01682	F1	mg/Kg		17	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.03569	F1	mg/Kg		18	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.02232	F1	mg/Kg		22	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-1621-76 MSD — **Client Sample ID: BH-76 (4.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 13108 — **Prep Batch: 13158**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0998	0.007815	F1	mg/Kg		8	70 - 130	28	35
Toluene	<0.00200	U F1	0.0998	0.01011	F1	mg/Kg		10	70 - 130	31	35
Ethylbenzene	<0.00200	U F1	0.0998	0.01242	F1	mg/Kg		12	70 - 130	30	35
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.03160	F1	mg/Kg		16	70 - 130	12	35
o-Xylene	<0.00200	U F1	0.0998	0.01952	F1	mg/Kg		19	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: MB 880-13159/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 13291 — **Prep Batch: 13159**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 11:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 11:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 11:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 10:09	11/29/21 11:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:09	11/29/21 11:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 10:09	11/29/21 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	11/24/21 10:09	11/29/21 11:53	1
1,4-Difluorobenzene (Surr)	107		70 - 130	11/24/21 10:09	11/29/21 11:53	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-13159/1-A
Matrix: Solid
Analysis Batch: 13291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13159

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08229		mg/Kg		82	70 - 130		
Toluene			0.100	0.07833		mg/Kg		78	70 - 130		
Ethylbenzene			0.100	0.07679		mg/Kg		77	70 - 130		
m-Xylene & p-Xylene			0.200	0.1631		mg/Kg		82	70 - 130		
o-Xylene			0.100	0.08141		mg/Kg		81	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-13159/2-A
Matrix: Solid
Analysis Batch: 13291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13159

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08847		mg/Kg		88	70 - 130	7	35
Toluene			0.100	0.08574		mg/Kg		86	70 - 130	9	35
Ethylbenzene			0.100	0.08507		mg/Kg		85	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.1741		mg/Kg		87	70 - 130	7	35
o-Xylene			0.100	0.08570		mg/Kg		86	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*

Lab Sample ID: 890-1631-A-1-B MSD
Matrix: Solid
Analysis Batch: 13291

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 13159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.09074		mg/Kg					
Toluene	<0.00199	U	0.0996	0.08387		mg/Kg					
Ethylbenzene	<0.00199	U	0.0996	0.08903		mg/Kg					
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1851		mg/Kg					
o-Xylene	<0.00199	U	0.0996	0.09097		mg/Kg					

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-13160/5-A
Matrix: Solid
Analysis Batch: 13292

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13160

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 11:58	1

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: MB 880-13160/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13292 **Prep Batch: 13160**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 10:13	11/29/21 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:13	11/29/21 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 10:13	11/29/21 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/24/21 10:13*	*11/29/21 11:58*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/24/21 10:13*	*11/29/21 11:58*	*1*

Lab Sample ID: LCS 880-13160/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13292 **Prep Batch: 13160**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08560		mg/Kg		86	70 - 130
Toluene	0.100	0.09245		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09412		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1863		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09055		mg/Kg		91	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-13160/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13292 **Prep Batch: 13160**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09240		mg/Kg		92	70 - 130	8	35
Toluene	0.100	0.09110		mg/Kg		91	70 - 130	1	35
Ethylbenzene	0.100	0.09918		mg/Kg		99	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1937		mg/Kg		97	70 - 130	4	35
o-Xylene	0.100	0.09576		mg/Kg		96	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-13161/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13293 **Prep Batch: 13161**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:16	11/29/21 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:16	11/29/21 12:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:16	11/29/21 12:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 10:16	11/29/21 12:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:16	11/29/21 12:26	1

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-13161/5-A
Matrix: Solid
Analysis Batch: 13293

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13161

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 10:16	11/29/21 12:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*11/24/21 10:16*	*11/29/21 12:26*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*11/24/21 10:16*	*11/29/21 12:26*	*1*

Lab Sample ID: LCS 880-13161/1-A
Matrix: Solid
Analysis Batch: 13293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13161

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08839		mg/Kg		88	70 - 130		
Toluene			0.100	0.09719		mg/Kg		97	70 - 130		
Ethylbenzene			0.100	0.1011		mg/Kg		101	70 - 130		
m-Xylene & p-Xylene			0.200	0.2239		mg/Kg		112	70 - 130		
o-Xylene			0.100	0.1073		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*

Lab Sample ID: LCSD 880-13161/2-A
Matrix: Solid
Analysis Batch: 13293

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13161

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1007		mg/Kg		101	70 - 130	13	35
Toluene			0.100	0.1097		mg/Kg		110	70 - 130	12	35
Ethylbenzene			0.100	0.08493		mg/Kg		85	70 - 130	17	35
m-Xylene & p-Xylene			0.200	0.2350		mg/Kg		118	70 - 130	5	35
o-Xylene			0.100	0.1130		mg/Kg		113	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: 890-1631-A-21-B MSD
Matrix: Solid
Analysis Batch: 13293

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 13161

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.08962		mg/Kg					
Toluene	<0.00200	U	0.0998	0.09842		mg/Kg					
Ethylbenzene	<0.00200	U	0.0998	0.09973		mg/Kg					
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2203		mg/Kg					
o-Xylene	<0.00200	U	0.0998	0.1058		mg/Kg					

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: 890-1631-A-21-B MSD **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13293 **Prep Batch: 13161**

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-13188/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13188**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 00:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 00:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 00:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 10:59	11/25/21 00:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 10:59	11/25/21 00:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 10:59	11/25/21 00:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	11/24/21 10:59	11/25/21 00:04	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/24/21 10:59	11/25/21 00:04	1

Lab Sample ID: LCS 880-13188/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13188**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08546		mg/Kg		85	70 - 130		
Toluene			0.100	0.09554		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.09356		mg/Kg		94	70 - 130		
m-Xylene & p-Xylene			0.200	0.2084		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1011		mg/Kg		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-13188/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13188**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08841		mg/Kg		88	70 - 130	3	35
Toluene			0.100	0.09879		mg/Kg		99	70 - 130	3	35
Ethylbenzene			0.100	0.09562		mg/Kg		96	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2112		mg/Kg		106	70 - 130	1	35
o-Xylene			0.100	0.1031		mg/Kg		103	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130

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QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: LCSD 880-13188/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13188**

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

Lab Sample ID: 890-1621-156 MS **Client Sample ID: BH-156(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13188**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1 F2	0.100	0.01997	F1	mg/Kg		20	70 - 130
Toluene	<0.00199	U F1 F2	0.100	0.02188	F1	mg/Kg		22	70 - 130
Ethylbenzene	<0.00199	U F1 F2	0.100	0.02381	F1	mg/Kg		24	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.201	0.04901	F1	mg/Kg		24	70 - 130
o-Xylene	<0.00199	U F1 F2	0.100	0.02864	F1	mg/Kg		29	70 - 130

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

Lab Sample ID: 890-1621-156 MSD **Client Sample ID: BH-156(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13188**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.0998	0.03876	F1 F2	mg/Kg		39	70 - 130	64	35
Toluene	<0.00199	U F1 F2	0.0998	0.04269	F1 F2	mg/Kg		43	70 - 130	64	35
Ethylbenzene	<0.00199	U F1 F2	0.0998	0.04503	F1 F2	mg/Kg		45	70 - 130	62	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.200	0.09986	F1 F2	mg/Kg		50	70 - 130	68	35
o-Xylene	<0.00199	U F1 F2	0.0998	0.05367	F1 F2	mg/Kg		54	70 - 130	61	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: MB 880-13196/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13196**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/21 11:15	11/25/21 13:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/21 11:15	11/25/21 13:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/21 11:15	11/25/21 13:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/21 11:15	11/25/21 13:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/21 11:15	11/25/21 13:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/21 11:15	11/25/21 13:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	11/24/21 11:15	11/25/21 13:36	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/24/21 11:15	11/25/21 13:36	1

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: LCS 880-13196/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13196**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.01713	*-	mg/Kg		17	70 - 130		
Toluene			0.100	0.01969	*-	mg/Kg		20	70 - 130		
Ethylbenzene			0.100	0.01887	*-	mg/Kg		19	70 - 130		
m-Xylene & p-Xylene			0.200	0.04918	*-	mg/Kg		25	70 - 130		
o-Xylene			0.100	0.02903	*-	mg/Kg		29	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-13196/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13196**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.07469	*1	mg/Kg		75	70 - 130	125	35
Toluene			0.100	0.07454	*1	mg/Kg		75	70 - 130	116	35
Ethylbenzene			0.100	0.07591	*1	mg/Kg		76	70 - 130	120	35
m-Xylene & p-Xylene			0.200	0.1685	*1	mg/Kg		84	70 - 130	110	35
o-Xylene			0.100	0.09022	*1	mg/Kg		90	70 - 130	103	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*

Lab Sample ID: 890-1621-176 MS **Client Sample ID: BH-176(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13196**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00199	U *- *1 F1	0.0992	0.005987	F1	mg/Kg		6	70 - 130		
Toluene	<0.00199	U *- *1 F1	0.0992	0.006110	F1	mg/Kg		6	70 - 130		
Ethylbenzene	<0.00199	U *- *1 F1	0.0992	0.002619	F1	mg/Kg		3	70 - 130		
m-Xylene & p-Xylene	<0.00398	U *- *1 F1	0.198	0.01578	F1	mg/Kg		8	70 - 130		
o-Xylene	<0.00199	U *- *1 F1 F2	0.0992	0.007513	F1	mg/Kg		8	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-1621-176 MSD **Client Sample ID: BH-176(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13166 **Prep Batch: 13196**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U *- *1 F1	0.100	0.006669	F1	mg/Kg		7	70 - 130	11	35
Toluene	<0.00199	U *- *1 F1	0.100	0.005915	F1	mg/Kg		6	70 - 130	3	35

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: 890-1621-176 MSD
Matrix: Solid
Analysis Batch: 13166

Client Sample ID: BH-176(4.5)
Prep Type: Total/NA
Prep Batch: 13196

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.00199	U *- *1 F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00398	U *- *1 F1	0.200	0.01234	F1	mg/Kg		6	70 - 130	24	35
o-Xylene	<0.00199	U *- *1 F1 F2	0.100	0.01085	F1 F2	mg/Kg		11	70 - 130	36	35

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

Lab Sample ID: 890-1631-A-1-A MS
Matrix: Solid
Analysis Batch: 13291

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-1631-A-11-A MS
Matrix: Solid
Analysis Batch: 13292

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-1631-A-11-B MSD
Matrix: Solid
Analysis Batch: 13292

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

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-1631-A-21-A MS
Matrix: Solid
Analysis Batch: 13293

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-13798/1-A
Matrix: Solid
Analysis Batch: 13917

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13798

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		12/02/21 16:41	12/04/21 11:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 11:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 11:53	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:41	12/04/21 11:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*12/02/21 16:41*	*12/04/21 11:53*	*1*
o-Terphenyl	*91*		*70 - 130*	*12/02/21 16:41*	*12/04/21 11:53*	*1*

Lab Sample ID: LCS 880-13798/2-A
Matrix: Solid
Analysis Batch: 13917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13798

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1125		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1220		mg/Kg		122	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*82*		*70 - 130*
o-Terphenyl	*72*		*70 - 130*

Lab Sample ID: LCSD 880-13798/3-A
Matrix: Solid
Analysis Batch: 13917

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13798

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	963.2		mg/Kg		96	70 - 130	15	20
Diesel Range Organics (Over C10-C28)			1000	1032		mg/Kg		103	70 - 130	17	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*142*	*S1+*	*70 - 130*
o-Terphenyl	*129*		*70 - 130*

Lab Sample ID: 890-1621-61 MS
Matrix: Solid
Analysis Batch: 13917

Client Sample ID: BH-61(4.5)
Prep Type: Total/NA
Prep Batch: 13798

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	997	949.0		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	997.5		mg/Kg		100	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: 890-1621-61 MS Client Sample ID: BH-61(4.5)
Matrix: Solid Prep Type: Total/NA
Analysis Batch: 13917 Prep Batch: 13798

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	75		70 - 130

Lab Sample ID: 890-1621-61 MSD Client Sample ID: BH-61(4.5)
Matrix: Solid Prep Type: Total/NA
Analysis Batch: 13917 Prep Batch: 13798

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	977.0		mg/Kg		96	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	989.9		mg/Kg		99	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	73		70 - 130

Lab Sample ID: MB 880-13799/1-A Client Sample ID: Method Blank
Matrix: Solid Prep Type: Total/NA
Analysis Batch: 13917 Prep Batch: 13799

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		12/02/21 16:48	12/04/21 21:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/04/21 21:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/04/21 21:33	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:48	12/04/21 21:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	12/02/21 16:48	12/04/21 21:33	1
o-Terphenyl	92		70 - 130	12/02/21 16:48	12/04/21 21:33	1

Lab Sample ID: LCS 880-13799/2-A Client Sample ID: Lab Control Sample
Matrix: Solid Prep Type: Total/NA
Analysis Batch: 13917 Prep Batch: 13799

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	999.9		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1032		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	74		70 - 130

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: LCSD 880-13799/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13917 **Prep Batch: 13799**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1002		mg/Kg		100	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	935.4		mg/Kg		94	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*138*	*S1+*	*70 - 130*
o-Terphenyl	*125*		*70 - 130*

Lab Sample ID: 890-1621-81 MS **Client Sample ID: BH-81 (4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13917 **Prep Batch: 13799**

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	997	927.1		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	978.7		mg/Kg		98	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*84*		*70 - 130*
o-Terphenyl	*73*		*70 - 130*

Lab Sample ID: 890-1621-81 MSD **Client Sample ID: BH-81 (4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13917 **Prep Batch: 13799**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	933.4		mg/Kg		92	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1018		mg/Kg		102	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*84*		*70 - 130*
o-Terphenyl	*77*		*70 - 130*

Lab Sample ID: MB 880-13800/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13918 **Prep Batch: 13800**

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		12/02/21 16:51	12/04/21 11:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 11:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 11:53	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:51	12/04/21 11:53	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-13800/1-A
Matrix: Solid
Analysis Batch: 13918

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13800

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	12/02/21 16:51	12/04/21 11:53	1
o-Terphenyl	127		70 - 130	12/02/21 16:51	12/04/21 11:53	1

Lab Sample ID: LCS 880-13800/2-A
Matrix: Solid
Analysis Batch: 13918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13800

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	890.1		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	965.8		mg/Kg		97	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-13800/3-A
Matrix: Solid
Analysis Batch: 13918

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13800

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	894.0		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	958.4		mg/Kg		96	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: 890-1621-101 MS
Matrix: Solid
Analysis Batch: 13918

Client Sample ID: BH-101 (4.5)
Prep Type: Total/NA
Prep Batch: 13800

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 F1	997	1450	F1	mg/Kg		142	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	1460	F1	mg/Kg		146	70 - 130		

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

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: 890-1621-101 MSD **Client Sample ID: BH-101 (4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13918 **Prep Batch: 13800**

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 F1	999	1447	F1	mg/Kg		141	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1535	F1	mg/Kg		154	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*107*		*70 - 130*
o-Terphenyl	*0*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-13801/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13918 **Prep Batch: 13801**

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		12/02/21 16:56	12/04/21 21:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/04/21 21:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/04/21 21:33	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 16:56	12/04/21 21:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*12/02/21 16:56*	*12/04/21 21:33*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*12/02/21 16:56*	*12/04/21 21:33*	*1*

Lab Sample ID: LCS 880-13801/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13918 **Prep Batch: 13801**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	856.5		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	907.9		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*100*		*70 - 130*

Lab Sample ID: LCSD 880-13801/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13918 **Prep Batch: 13801**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	826.0		mg/Kg		83	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	884.9		mg/Kg		88	70 - 130	3	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: LCSD 880-13801/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13918 **Prep Batch: 13801**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 890-1621-121 MS **Client Sample ID: BH-121(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13918 **Prep Batch: 13801**

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 F1 F2	997	1247		mg/Kg		122	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	1412	F1	mg/Kg		142	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 890-1621-121 MSD **Client Sample ID: BH-121(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13918 **Prep Batch: 13801**

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 F1 F2	999	1543	F1 F2	mg/Kg		151	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1525	F1	mg/Kg		153	70 - 130	8	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: MB 880-13802/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13929 **Prep Batch: 13802**

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		12/02/21 17:00	12/05/21 10:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 10:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 10:29	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:00	12/05/21 10:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	12/02/21 17:00	12/05/21 10:29	1
o-Terphenyl	98		70 - 130	12/02/21 17:00	12/05/21 10:29	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-13802/2-A
Matrix: Solid
Analysis Batch: 13929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13802

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1109		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1164		mg/Kg		116	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*99*		*70 - 130*
o-Terphenyl	*92*		*70 - 130*

Lab Sample ID: LCSD 880-13802/3-A
Matrix: Solid
Analysis Batch: 13929

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13802

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	926.1		mg/Kg		93	70 - 130	18	20
Diesel Range Organics (Over C10-C28)			1000	949.2		mg/Kg		95	70 - 130	20	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*133*	*S1+*	*70 - 130*
o-Terphenyl	*133*	*S1+*	*70 - 130*

Lab Sample ID: 890-1621-141 MS
Matrix: Solid
Analysis Batch: 13929

Client Sample ID: BH-141(4.5)
Prep Type: Total/NA
Prep Batch: 13802

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	997	1131		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	1212		mg/Kg		119	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*77*		*70 - 130*

Lab Sample ID: 890-1621-141 MSD
Matrix: Solid
Analysis Batch: 13929

Client Sample ID: BH-141(4.5)
Prep Type: Total/NA
Prep Batch: 13802

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1257		mg/Kg		124	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1333	F1	mg/Kg		131	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: 890-1621-141 MSD **Client Sample ID: BH-141(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13929 **Prep Batch: 13802**

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	83		70 - 130

Lab Sample ID: MB 880-13804/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13929 **Prep Batch: 13804**

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		12/02/21 17:03	12/05/21 20:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/05/21 20:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/05/21 20:05	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:03	12/05/21 20:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	12/02/21 17:03	12/05/21 20:05	1
o-Terphenyl	97		70 - 130	12/02/21 17:03	12/05/21 20:05	1

Lab Sample ID: LCS 880-13804/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13929 **Prep Batch: 13804**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1163		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1187		mg/Kg		119	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: LCSD 880-13804/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13929 **Prep Batch: 13804**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	910.9	*1	mg/Kg		91	70 - 130	24	20
Diesel Range Organics (Over C10-C28)			1000	920.2	*1	mg/Kg		92	70 - 130	25	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	130		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: 890-1621-161 MS
Matrix: Solid
Analysis Batch: 13929

Client Sample ID: BH-161(4.5)
Prep Type: Total/NA
Prep Batch: 13804

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	997	1079		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1	997	1259		mg/Kg		126	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: 890-1621-161 MSD
Matrix: Solid
Analysis Batch: 13929

Client Sample ID: BH-161(4.5)
Prep Type: Total/NA
Prep Batch: 13804

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	1152		mg/Kg		113	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	999	1274		mg/Kg		127	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Lab Sample ID: MB 880-13811/1-A
Matrix: Solid
Analysis Batch: 13930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13811

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		12/02/21 17:07	12/05/21 10:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 10:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 10:29	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:07	12/05/21 10:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*12/02/21 17:07*	*12/05/21 10:29*	*1*
o-Terphenyl	*128*		*70 - 130*	*12/02/21 17:07*	*12/05/21 10:29*	*1*

Lab Sample ID: LCS 880-13811/2-A
Matrix: Solid
Analysis Batch: 13930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	906.5		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	930.0		mg/Kg		93	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-13811/2-A
Matrix: Solid
Analysis Batch: 13930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13811

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: LCSD 880-13811/3-A
Matrix: Solid
Analysis Batch: 13930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13811

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	916.8		mg/Kg		92	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	921.2		mg/Kg		92	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: 890-1621-181 MS
Matrix: Solid
Analysis Batch: 13930

Client Sample ID: BH-181(4.5)
Prep Type: Total/NA
Prep Batch: 13811

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	997	1041		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1021		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	78		70 - 130

Lab Sample ID: 890-1621-181 MSD
Matrix: Solid
Analysis Batch: 13930

Client Sample ID: BH-181(4.5)
Prep Type: Total/NA
Prep Batch: 13811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1039		mg/Kg		101	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1059		mg/Kg		106	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	82		70 - 130

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: MB 880-13812/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13930 **Prep Batch: 13812**

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		12/02/21 17:11	12/05/21 20:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/05/21 20:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/05/21 20:05	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:11	12/05/21 20:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/02/21 17:11*	*12/05/21 20:05*	*1*
o-Terphenyl	*113*		*70 - 130*	*12/02/21 17:11*	*12/05/21 20:05*	*1*

Lab Sample ID: LCS 880-13812/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13930 **Prep Batch: 13812**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1055		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	797.4		mg/Kg		80	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*90*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: LCSD 880-13812/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13930 **Prep Batch: 13812**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1048		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	793.5		mg/Kg		79	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: 890-1621-201 MS **Client Sample ID: BH-201(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13930 **Prep Batch: 13812**

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	997	1038		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1061		mg/Kg		106	70 - 130		

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: 890-1621-201 MS **Client Sample ID: BH-201(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13930 **Prep Batch: 13812**

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-1621-201 MSD **Client Sample ID: BH-201(4.5)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13930 **Prep Batch: 13812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1029		mg/Kg		100	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1058		mg/Kg		106	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	83		70 - 130

Lab Sample ID: MB 880-13813/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13827 **Prep Batch: 13813**

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		12/02/21 17:15	12/03/21 18:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/03/21 18:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/03/21 18:57	1
Total TPH	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/03/21 18:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	12/02/21 17:15	12/03/21 18:57	1
o-Terphenyl	102		70 - 130	12/02/21 17:15	12/03/21 18:57	1

Lab Sample ID: LCS 880-13813/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13827 **Prep Batch: 13813**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	897.8		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	903.0		mg/Kg		90	70 - 130

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

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-13813/3-A
Matrix: Solid
Analysis Batch: 13827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13813

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	848.7		mg/Kg		85	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	832.9		mg/Kg		83	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*114*		*70 - 130*

Lab Sample ID: 890-1621-60 MS
Matrix: Solid
Analysis Batch: 13827

Client Sample ID: BH-60(4.5)
Prep Type: Total/NA
Prep Batch: 13813

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 F1 F2	997	1046		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	869.4		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*
o-Terphenyl	*84*		*70 - 130*

Lab Sample ID: 890-1621-60 MSD
Matrix: Solid
Analysis Batch: 13827

Client Sample ID: BH-60(4.5)
Prep Type: Total/NA
Prep Batch: 13813

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 F1 F2	999	1450	F1 F2	mg/Kg		143	70 - 130	32	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1023		mg/Kg		102	70 - 130	16	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*97*		*70 - 130*

Lab Sample ID: MB 860-32005/1-A
Matrix: Solid
Analysis Batch: 31888

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32005

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		11/24/21 16:00	11/25/21 08:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 08:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/24/21 16:00	11/25/21 08:31	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: MB 860-32005/1-A
Matrix: Solid
Analysis Batch: 31888

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32005

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		65 - 130	11/24/21 16:00	11/25/21 08:31	1
o-Terphenyl	110		65 - 130	11/24/21 16:00	11/25/21 08:31	1

Lab Sample ID: LCS 860-32005/2-A
Matrix: Solid
Analysis Batch: 31888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32005

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1137		mg/Kg		113	70 - 135		
Diesel Range Organics (Over C10-C28)			1000	1021		mg/Kg		102	70 - 135		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	117		65 - 130
o-Terphenyl	91		65 - 130

Lab Sample ID: LCSD 860-32005/3-A
Matrix: Solid
Analysis Batch: 31888

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32005

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1120		mg/Kg		112	70 - 135	1	35
Diesel Range Organics (Over C10-C28)			1000	1104		mg/Kg		110	70 - 135	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	125		65 - 130
o-Terphenyl	99		65 - 130

Lab Sample ID: 890-1621-1 MS
Matrix: Solid
Analysis Batch: 31888

Client Sample ID: BH-1 (2)
Prep Type: Total/NA
Prep Batch: 32005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1109		mg/Kg		111	70 - 135		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1031		mg/Kg		103	70 - 135		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	116		65 - 130
o-Terphenyl	92		65 - 130

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: 890-1621-1 MSD **Client Sample ID: BH-1 (2)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 31888 **Prep Batch: 32005**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	994	992.9		mg/Kg		100	70 - 135	11	35
Diesel Range Organics (Over C10-C28)	<50.0	U	994	1008		mg/Kg		101	70 - 135	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*113*		*65 - 130*
o-Terphenyl	*91*		*65 - 130*

Lab Sample ID: MB 860-32233/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32238 **Prep Batch: 32233**

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		11/29/21 18:16	11/29/21 19:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/29/21 19:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/29/21 19:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*65 - 130*	*11/29/21 18:16*	*11/29/21 19:41*	*1*
o-Terphenyl	*109*		*65 - 130*	*11/29/21 18:16*	*11/29/21 19:41*	*1*

Lab Sample ID: LCS 860-32233/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32238 **Prep Batch: 32233**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1093		mg/Kg		109	70 - 135		
Diesel Range Organics (Over C10-C28)			1000	942.0		mg/Kg		94	70 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*117*		*65 - 130*
o-Terphenyl	*104*		*65 - 130*

Lab Sample ID: LCSD 860-32233/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32238 **Prep Batch: 32233**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1116		mg/Kg		111	70 - 135	2	35
Diesel Range Organics (Over C10-C28)			1000	952.7		mg/Kg		95	70 - 135	1	35

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 860-32233/3-A
Matrix: Solid
Analysis Batch: 32238

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32233

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	127		65 - 130
o-Terphenyl	114		65 - 130

Lab Sample ID: 890-1621-217 MS
Matrix: Solid
Analysis Batch: 32238

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 32233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1021		mg/Kg		102	70 - 135		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	844.9		mg/Kg		85	70 - 135		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	108		65 - 130
o-Terphenyl	104		65 - 130

Lab Sample ID: 890-1621-217 MSD
Matrix: Solid
Analysis Batch: 32238

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 32233

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	990	1036		mg/Kg		105	70 - 135	1	35
Diesel Range Organics (Over C10-C28)	<50.0	U	990	841.3		mg/Kg		85	70 - 135	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	122		65 - 130
o-Terphenyl	101		65 - 130

Lab Sample ID: MB 860-32235/1-A
Matrix: Solid
Analysis Batch: 32280

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32235

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		11/29/21 18:16	11/30/21 10:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 10:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/29/21 18:16	11/30/21 10:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		65 - 130	11/29/21 18:16	11/30/21 10:35	1
o-Terphenyl	119		65 - 130	11/29/21 18:16	11/30/21 10:35	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: LCS 860-32235/2-A
Matrix: Solid
Analysis Batch: 32280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32235

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1062		mg/Kg		106	70 - 135		
Diesel Range Organics (Over C10-C28)			1000	1044		mg/Kg		104	70 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*128*		*65 - 130*
o-Terphenyl	*104*		*65 - 130*

Lab Sample ID: LCSD 860-32235/3-A
Matrix: Solid
Analysis Batch: 32280

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32235

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1079		mg/Kg		108	70 - 135	2	35
Diesel Range Organics (Over C10-C28)			1000	1050		mg/Kg		105	70 - 135	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*127*		*65 - 130*
o-Terphenyl	*100*		*65 - 130*

Lab Sample ID: 890-1621-237 MS
Matrix: Solid
Analysis Batch: 32280

Client Sample ID: SW-21
Prep Type: Total/NA
Prep Batch: 32235

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1030		mg/Kg		103	70 - 135		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1020		mg/Kg		102	70 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*124*		*65 - 130*
o-Terphenyl	*87*		*65 - 130*

Lab Sample ID: 890-1621-237 MSD
Matrix: Solid
Analysis Batch: 32280

Client Sample ID: SW-21
Prep Type: Total/NA
Prep Batch: 32235

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1104		mg/Kg		111	70 - 135	7	35
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1032		mg/Kg		104	70 - 135	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*125*		*65 - 130*

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: 890-1621-237 MSD
Matrix: Solid
Analysis Batch: 32280

Client Sample ID: SW-21
Prep Type: Total/NA
Prep Batch: 32235

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	88		65 - 130

Lab Sample ID: 890-1621-21 MS
Matrix: Solid
Analysis Batch: 32465

Client Sample ID: BH-21 (3)
Prep Type: Total/NA
Prep Batch: 32360

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	989	1097		mg/Kg		111	70 - 135
Diesel Range Organics (Over C10-C28)	<50.1	U	989	998.0		mg/Kg		101	70 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	113		65 - 130
o-Terphenyl	87		65 - 130

Lab Sample ID: 890-1621-21 MSD
Matrix: Solid
Analysis Batch: 32465

Client Sample ID: BH-21 (3)
Prep Type: Total/NA
Prep Batch: 32360

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	994	1093		mg/Kg		110	70 - 135	0	35
Diesel Range Organics (Over C10-C28)	<50.1	U	994	1061		mg/Kg		107	70 - 135	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	120		65 - 130
o-Terphenyl	91		65 - 130

Lab Sample ID: MB 860-32364/1-A
Matrix: Solid
Analysis Batch: 32319

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32364

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		11/30/21 15:43	11/30/21 19:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/30/21 15:43	11/30/21 19:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/30/21 15:43	11/30/21 19:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		65 - 130	11/30/21 15:43	11/30/21 19:05	1
o-Terphenyl	111		65 - 130	11/30/21 15:43	11/30/21 19:05	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

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

Lab Sample ID: LCS 860-32364/2-A
Matrix: Solid
Analysis Batch: 32319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32364

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1096		mg/Kg		109	70 - 135		
Diesel Range Organics (Over C10-C28)			1000	1038		mg/Kg		104	70 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*122*		*65 - 130*
o-Terphenyl	*116*		*65 - 130*

Lab Sample ID: LCSD 860-32364/3-A
Matrix: Solid
Analysis Batch: 32319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32364

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1092		mg/Kg		109	70 - 135	0	35
Diesel Range Organics (Over C10-C28)			1000	1002		mg/Kg		100	70 - 135	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*121*		*65 - 130*
o-Terphenyl	*117*		*65 - 130*

Lab Sample ID: 890-1621-40 MS
Matrix: Solid
Analysis Batch: 32319

Client Sample ID: BH-40(3)
Prep Type: Total/NA
Prep Batch: 32364

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	1000	1051		mg/Kg		105	70 - 135		
Diesel Range Organics (Over C10-C28)	<49.7	U	1000	990.0		mg/Kg		99	70 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*123*		*65 - 130*
o-Terphenyl	*116*		*65 - 130*

Lab Sample ID: 890-1621-40 MSD
Matrix: Solid
Analysis Batch: 32319

Client Sample ID: BH-40(3)
Prep Type: Total/NA
Prep Batch: 32364

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	<49.7	U	1010	1097		mg/Kg		109	70 - 135	4	35
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	963.0		mg/Kg		96	70 - 135	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*115*		*65 - 130*

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

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

Lab Sample ID: 890-1621-40 MSD **Client Sample ID: BH-40(3)**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32319 **Prep Batch: 32364**

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	114		65 - 130

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

Lab Sample ID: MB 860-32360/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32465 **Prep Batch: 32360**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 - RA	<50.0	U	50.0		mg/Kg		11/30/21 15:39	12/01/21 10:16	1
Diesel Range Organics (Over C10-C28) - RA	<50.0	U	50.0		mg/Kg		11/30/21 15:39	12/01/21 10:16	1
OII Range Organics (Over C28-C36) - RA	<50.0	U	50.0		mg/Kg		11/30/21 15:39	12/01/21 10:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane - RA	97		65 - 130	11/30/21 15:39	12/01/21 10:16	1
o-Terphenyl - RA	100		65 - 130	11/30/21 15:39	12/01/21 10:16	1

Lab Sample ID: LCS 860-32360/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32465 **Prep Batch: 32360**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10 - RA			1000	1096		mg/Kg		109	70 - 135		
Diesel Range Organics (Over C10-C28) - RA			1000	1075		mg/Kg		107	70 - 135		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane - RA	120		65 - 130
o-Terphenyl - RA	92		65 - 130

Lab Sample ID: LCSD 860-32360/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 32465 **Prep Batch: 32360**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10 - RA			1000	1083		mg/Kg		108	70 - 135	1	35
Diesel Range Organics (Over C10-C28) - RA			1000	1083		mg/Kg		108	70 - 135	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane - RA	120		65 - 130
o-Terphenyl - RA	92		65 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-32409/1-A
Matrix: Solid
Analysis Batch: 32258

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32409

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg		11/30/21 23:42	12/01/21 04:55	1

Lab Sample ID: LCS 860-32409/2-A
Matrix: Solid
Analysis Batch: 32258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100	97.95		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 860-32409/3-A
Matrix: Solid
Analysis Batch: 32258

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32409

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	100	97.72		mg/Kg		98	80 - 120	0	20

Lab Sample ID: 890-1621-1 MS
Matrix: Solid
Analysis Batch: 32258

Client Sample ID: BH-1 (2)
Prep Type: Total/NA
Prep Batch: 32409

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	45.1		99.4	142.9		mg/Kg		98	80 - 120

Lab Sample ID: 890-1621-1 MSD
Matrix: Solid
Analysis Batch: 32258

Client Sample ID: BH-1 (2)
Prep Type: Total/NA
Prep Batch: 32409

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	45.1		101	145.6		mg/Kg		99	80 - 120	2	20

Lab Sample ID: 890-1621-2 MS
Matrix: Solid
Analysis Batch: 32258

Client Sample ID: BH-2 (2)
Prep Type: Total/NA
Prep Batch: 32409

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	108		102	211.4		mg/Kg		102	80 - 120

Lab Sample ID: 890-1621-2 MSD
Matrix: Solid
Analysis Batch: 32258

Client Sample ID: BH-2 (2)
Prep Type: Total/NA
Prep Batch: 32409

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	108		99.6	207.2		mg/Kg		100	80 - 120	2	20

Lab Sample ID: MB 860-32615/1-A
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32615

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg		12/01/21 09:35	12/02/21 03:57	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-32615/28-A
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32615

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg		12/02/21 10:10	12/02/21 13:29	1

Lab Sample ID: LCS 860-32615/29-A
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32615

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100	98.06		mg/Kg		98	80 - 120

Lab Sample ID: LCS 860-32615/2-A
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32615

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100	98.03		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 860-32615/30-A
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32615

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	100	97.73		mg/Kg		98	80 - 120	0	20

Lab Sample ID: LCSD 860-32615/3-A
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32615

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	100	97.67		mg/Kg		98	80 - 120	0	20

Lab Sample ID: 890-1621-6 MS
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: BH-6 (2)
Prep Type: Total/NA
Prep Batch: 32615

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	45.1		101	145.2		mg/Kg		99	80 - 120

Lab Sample ID: 890-1621-6 MSD
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: BH-6 (2)
Prep Type: Total/NA
Prep Batch: 32615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	45.1		100	144.9		mg/Kg		99	80 - 120	0	20

Lab Sample ID: 890-1621-16 MS
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: BH-16 (2)
Prep Type: Total/NA
Prep Batch: 32615

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	144		98.2	237.4		mg/Kg		95	80 - 120

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1621-16 MSD
Matrix: Solid
Analysis Batch: 32631

Client Sample ID: BH-16 (2)
Prep Type: Total/NA
Prep Batch: 32615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	144		102	246.0		mg/Kg		100	80 - 120	4	20

Lab Sample ID: MB 860-32933/14-A
Matrix: Solid
Analysis Batch: 32934

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg		12/03/21 18:46	12/04/21 09:09	1

Lab Sample ID: LCS 860-32933/15-A
Matrix: Solid
Analysis Batch: 32934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100	98.70		mg/Kg		99	80 - 120

Lab Sample ID: LCSD 860-32933/16-A
Matrix: Solid
Analysis Batch: 32934

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32933

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	100	99.09		mg/Kg		99	80 - 120	0	20

Lab Sample ID: 890-1621-26 MS
Matrix: Solid
Analysis Batch: 32934

Client Sample ID: BH-26(3)
Prep Type: Total/NA
Prep Batch: 32933

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	75.5		99.6	169.8		mg/Kg		95	80 - 120

Lab Sample ID: 890-1621-26 MSD
Matrix: Solid
Analysis Batch: 32934

Client Sample ID: BH-26(3)
Prep Type: Total/NA
Prep Batch: 32933

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	75.5		99.4	169.4		mg/Kg		94	80 - 120	0	20

Lab Sample ID: 890-1621-36 MS
Matrix: Solid
Analysis Batch: 32934

Client Sample ID: BH-36(3)
Prep Type: Total/NA
Prep Batch: 32933

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	101		101	193.2		mg/Kg		91	80 - 120

Lab Sample ID: 890-1621-36 MSD
Matrix: Solid
Analysis Batch: 32934

Client Sample ID: BH-36(3)
Prep Type: Total/NA
Prep Batch: 32933

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	101		100	190.3		mg/Kg		89	80 - 120	2	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-32956/1-A
Matrix: Solid
Analysis Batch: 32939

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg		12/04/21 21:23	12/05/21 11:49	1

Lab Sample ID: MB 860-32956/28-A
Matrix: Solid
Analysis Batch: 32954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg		12/04/21 21:23	12/05/21 22:06	1

Lab Sample ID: MB 860-32956/55-A
Matrix: Solid
Analysis Batch: 32954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg		12/04/21 21:23	12/06/21 02:03	1

Lab Sample ID: LCS 860-32956/29-A
Matrix: Solid
Analysis Batch: 32954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100	113.5		mg/Kg		113	80 - 120

Lab Sample ID: LCS 860-32956/2-A
Matrix: Solid
Analysis Batch: 32939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100	99.98		mg/Kg		100	80 - 120

Lab Sample ID: LCS 860-32956/56-A
Matrix: Solid
Analysis Batch: 32954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100	114.3		mg/Kg		114	80 - 120

Lab Sample ID: LCSD 860-32956/30-A
Matrix: Solid
Analysis Batch: 32954

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32956

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	100	106.4		mg/Kg		106	80 - 120	6	20

Lab Sample ID: LCSD 860-32956/3-A
Matrix: Solid
Analysis Batch: 32939

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32956

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	100	99.65		mg/Kg		100	80 - 120	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 860-32956/57-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32954 — **Prep Batch: 32956**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	100	107.5		mg/Kg		107	80 - 120	6	20

Lab Sample ID: 890-1621-46 MS — **Client Sample ID: BH-46(3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32939 — **Prep Batch: 32956**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	197		100	290.4		mg/Kg		93	80 - 120

Lab Sample ID: 890-1621-46 MSD — **Client Sample ID: BH-46(3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32939 — **Prep Batch: 32956**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	197		100	290.2		mg/Kg		93	80 - 120	0	20

Lab Sample ID: 890-1621-47 MS — **Client Sample ID: BH-47(3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32939 — **Prep Batch: 32956**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	189	F1	101	315.4	F1	mg/Kg		125	80 - 120

Lab Sample ID: 890-1621-47 MSD — **Client Sample ID: BH-47(3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32939 — **Prep Batch: 32956**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	189	F1	99.6	310.7	F1	mg/Kg		122	80 - 120	2	20

Lab Sample ID: 890-1621-227 MS — **Client Sample ID: SW-11**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32954 — **Prep Batch: 32956**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	145		99.8	241.9		mg/Kg		97	80 - 120

Lab Sample ID: 890-1621-227 MSD — **Client Sample ID: SW-11**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32954 — **Prep Batch: 32956**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	145		98.8	240.2		mg/Kg		97	80 - 120	1	20

Lab Sample ID: 890-1621-237 MS — **Client Sample ID: SW-21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32954 — **Prep Batch: 32956**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	171		98.4	259.8		mg/Kg		90	80 - 120

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1621-237 MSD
Matrix: Solid
Analysis Batch: 32954

Client Sample ID: SW-21
Prep Type: Total/NA
Prep Batch: 32956

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	171		98.2	259.0		mg/Kg		89	80 - 120	0	20

Lab Sample ID: MB 880-13321/1-A
Matrix: Solid
Analysis Batch: 13925

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			12/04/21 20:32	1

Lab Sample ID: LCS 880-13321/2-A
Matrix: Solid
Analysis Batch: 13925

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	265.8		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-13321/3-A
Matrix: Solid
Analysis Batch: 13925

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	265.9		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-8627-A-2-F MS
Matrix: Solid
Analysis Batch: 13925

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<4.98	U	249	276.0		mg/Kg		110	90 - 110

Lab Sample ID: 880-8627-A-2-G MSD
Matrix: Solid
Analysis Batch: 13925

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.98	U	249	273.8		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-8635-A-6-F MS
Matrix: Solid
Analysis Batch: 13925

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	4110		1240	5308		mg/Kg		96	90 - 110

Lab Sample ID: 880-8635-A-6-G MSD
Matrix: Solid
Analysis Batch: 13925

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	4110		1240	5295		mg/Kg		95	90 - 110	0	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-13334/1-A
Matrix: Solid
Analysis Batch: 14049

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			12/05/21 13:36	1

Lab Sample ID: LCS 880-13334/2-A
Matrix: Solid
Analysis Batch: 14049

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	261.9		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-13334/3-A
Matrix: Solid
Analysis Batch: 14049

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	261.6		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-1621-105 MS
Matrix: Solid
Analysis Batch: 14049

Client Sample ID: BH-105(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1980	F1	1250	3441	F1	mg/Kg		118	90 - 110		

Lab Sample ID: 890-1621-105 MSD
Matrix: Solid
Analysis Batch: 14049

Client Sample ID: BH-105(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1980	F1	1250	3457	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: 890-1621-115 MS
Matrix: Solid
Analysis Batch: 14049

Client Sample ID: BH-115(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1350		248	1591	E 4	mg/Kg		96	90 - 110		

Lab Sample ID: 890-1621-115 MSD
Matrix: Solid
Analysis Batch: 14049

Client Sample ID: BH-115(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1350		248	1588	E 4	mg/Kg		95	90 - 110	0	20

Lab Sample ID: MB 880-13333/1-A
Matrix: Solid
Analysis Batch: 14050

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			12/05/21 21:09	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-13333/2-A
Matrix: Solid
Analysis Batch: 14050

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	251.3		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-13333/3-A
Matrix: Solid
Analysis Batch: 14050

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	250.4		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-1621-156 MS
Matrix: Solid
Analysis Batch: 14050

Client Sample ID: BH-156(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1160		249	1386	4	mg/Kg		90	90 - 110		

Lab Sample ID: 890-1621-156 MSD
Matrix: Solid
Analysis Batch: 14050

Client Sample ID: BH-156(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1160		249	1471	4	mg/Kg		124	90 - 110	6	20

Lab Sample ID: 890-1621-166 MS
Matrix: Solid
Analysis Batch: 14050

Client Sample ID: BH-166(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1490	F1	1240	3013	F1	mg/Kg		123	90 - 110		

Lab Sample ID: 890-1621-166 MSD
Matrix: Solid
Analysis Batch: 14050

Client Sample ID: BH-166(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1490	F1	1240	2960	F1	mg/Kg		119	90 - 110	2	20

Lab Sample ID: MB 880-13338/1-A
Matrix: Solid
Analysis Batch: 14052

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			12/05/21 19:41	1

Lab Sample ID: LCS 880-13338/2-A
Matrix: Solid
Analysis Batch: 14052

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	267.5		mg/Kg		107	90 - 110		

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-13338/3-A
Matrix: Solid
Analysis Batch: 14052

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	268.0		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 890-1621-125 MS
Matrix: Solid
Analysis Batch: 14052

Client Sample ID: BH-125(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	461		249	727.2		mg/Kg		107	90 - 110

Lab Sample ID: 890-1621-125 MSD
Matrix: Solid
Analysis Batch: 14052

Client Sample ID: BH-125(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	461		249	725.9		mg/Kg		106	90 - 110	0	20

Lab Sample ID: MB 880-13322/1-A
Matrix: Solid
Analysis Batch: 14053

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			12/06/21 08:36	1

Lab Sample ID: LCS 880-13322/2-A
Matrix: Solid
Analysis Batch: 14053

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride			250	262.9		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-13322/3-A
Matrix: Solid
Analysis Batch: 14053

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	250.2		mg/Kg		100	90 - 110	5	20

Lab Sample ID: 890-1621-127 MS
Matrix: Solid
Analysis Batch: 14053

Client Sample ID: BH-127(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1140		249	1385	4	mg/Kg		98	90 - 110

Lab Sample ID: 890-1621-127 MSD
Matrix: Solid
Analysis Batch: 14053

Client Sample ID: BH-127(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1140		249	1373	4	mg/Kg		93	90 - 110	1	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1621-137 MS
Matrix: Solid
Analysis Batch: 14053

Client Sample ID: BH-137(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	510		248	773.8		mg/Kg		106	90 - 110

Lab Sample ID: 890-1621-137 MSD
Matrix: Solid
Analysis Batch: 14053

Client Sample ID: BH-137(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	510		248	768.5		mg/Kg		104	90 - 110	1	20

Lab Sample ID: MB 880-13328/1-A
Matrix: Solid
Analysis Batch: 14089

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			12/06/21 13:29	1

Lab Sample ID: LCS 880-13328/2-A
Matrix: Solid
Analysis Batch: 14089

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	262.7		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-13328/3-A
Matrix: Solid
Analysis Batch: 14089

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	262.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-1621-187 MS
Matrix: Solid
Analysis Batch: 14089

Client Sample ID: BH-187(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	528		249	801.6		mg/Kg		110	90 - 110

Lab Sample ID: 890-1621-187 MSD
Matrix: Solid
Analysis Batch: 14089

Client Sample ID: BH-187(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	528		249	791.0		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 890-1621-197 MS
Matrix: Solid
Analysis Batch: 14089

Client Sample ID: BH-197(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	703		248	956.8		mg/Kg		102	90 - 110

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1621-197 MSD
Matrix: Solid
Analysis Batch: 14089

Client Sample ID: BH-197(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	703		248	941.4		mg/Kg		96	90 - 110	2	20

Lab Sample ID: MB 880-13335/1-A
Matrix: Solid
Analysis Batch: 14091

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			12/06/21 09:21	1

Lab Sample ID: LCS 880-13335/2-A
Matrix: Solid
Analysis Batch: 14091

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	239.5		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-13335/3-A
Matrix: Solid
Analysis Batch: 14091

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	241.7		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 890-1621-176 MS
Matrix: Solid
Analysis Batch: 14091

Client Sample ID: BH-176(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1260		249	1436	4	mg/Kg		72	90 - 110

Lab Sample ID: 890-1621-176 MSD
Matrix: Solid
Analysis Batch: 14091

Client Sample ID: BH-176(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1260		249	1433	4	mg/Kg		71	90 - 110	0	20

Lab Sample ID: 890-1621-213 MS
Matrix: Solid
Analysis Batch: 14091

Client Sample ID: BH-213(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3850		1240	5202		mg/Kg		109	90 - 110

Lab Sample ID: 890-1621-213 MSD
Matrix: Solid
Analysis Batch: 14091

Client Sample ID: BH-213(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3850		1240	5088		mg/Kg		100	90 - 110	2	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-13329/1-A
Matrix: Solid
Analysis Batch: 14095

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			12/06/21 15:14	1

Lab Sample ID: LCS 880-13329/2-A
Matrix: Solid
Analysis Batch: 14095

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	238.3		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-13329/3-A
Matrix: Solid
Analysis Batch: 14095

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	251.4		mg/Kg		101	90 - 110	5	20

Lab Sample ID: 890-1621-56 MS
Matrix: Solid
Analysis Batch: 14095

Client Sample ID: BH-56(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	410	F1	249	693.1	F1	mg/Kg		114	90 - 110

Lab Sample ID: 890-1621-56 MSD
Matrix: Solid
Analysis Batch: 14095

Client Sample ID: BH-56(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	410	F1	249	683.1		mg/Kg		110	90 - 110	1	20

Lab Sample ID: 890-1621-66 MS
Matrix: Solid
Analysis Batch: 14095

Client Sample ID: BH-66 (4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	296	F1	248	578.0	F1	mg/Kg		114	90 - 110

Lab Sample ID: 890-1621-66 MSD
Matrix: Solid
Analysis Batch: 14095

Client Sample ID: BH-66 (4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	296	F1	248	593.3	F1	mg/Kg		120	90 - 110	3	20

Lab Sample ID: MB 880-13331/1-A
Matrix: Solid
Analysis Batch: 14293

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			12/08/21 21:40	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-13331/2-A
Matrix: Solid
Analysis Batch: 14293

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

Lab Sample ID: LCSD 880-13331/3-A
Matrix: Solid
Analysis Batch: 14293

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	273.4		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-1621-96 MS
Matrix: Solid
Analysis Batch: 14293

Client Sample ID: BH-96 (4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	4800	F1	1250	7026	F1	mg/Kg		179	90 - 110		

Lab Sample ID: 890-1621-96 MSD
Matrix: Solid
Analysis Batch: 14293

Client Sample ID: BH-96 (4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	4800	F1	1250	6969	F1	mg/Kg		174	90 - 110	1	20

Lab Sample ID: 890-1621-146 MS
Matrix: Solid
Analysis Batch: 14293

Client Sample ID: BH-146(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1380		248	1591	E 4	mg/Kg		87	90 - 110		

Lab Sample ID: 890-1621-146 MSD
Matrix: Solid
Analysis Batch: 14293

Client Sample ID: BH-146(4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1380		248	1578	E 4	mg/Kg		82	90 - 110	1	20

Lab Sample ID: MB 880-13330/1-A
Matrix: Solid
Analysis Batch: 14303

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			12/08/21 22:57	1

Lab Sample ID: LCS 880-13330/2-A
Matrix: Solid
Analysis Batch: 14303

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	248.6		mg/Kg		99	90 - 110		

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-13330/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14303

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	255.0		mg/Kg		102	90 - 110	3	20

Lab Sample ID: 890-1621-76 MS **Client Sample ID: BH-76 (4.5)**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14303

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	62.5		249	312.7		mg/Kg		100	90 - 110

Lab Sample ID: 890-1621-76 MSD **Client Sample ID: BH-76 (4.5)**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14303

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	62.5		249	311.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-1621-86 MS **Client Sample ID: BH-86 (4.5)**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14303

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2270		1240	3600		mg/Kg		107	90 - 110

Lab Sample ID: 890-1621-86 MSD **Client Sample ID: BH-86 (4.5)**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14303

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	2270		1240	3571		mg/Kg		105	90 - 110	1	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC/MS VOA

Prep Batch: 30754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-15590-B-7-A MS	Matrix Spike	Total/NA	Solid	5035	

Prep Batch: 31679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-15924-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
860-15972-A-20-A MS - DL2	Matrix Spike	Total/NA	Solid	5035	
860-15994-B-1-A MS	Matrix Spike	Total/NA	Solid	5035	

Prep Batch: 31771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-15888-C-6-A MS	Matrix Spike	Total/NA	Solid	5035	

Prep Batch: 31798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
840-610-A-2-A MS - DL	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 31878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-1	BH-1 (2)	Total/NA	Solid	8260C	31962
890-1621-2	BH-2 (2)	Total/NA	Solid	8260C	31962
890-1621-3	BH-3 (2)	Total/NA	Solid	8260C	31962
890-1621-4	BH-4 (2)	Total/NA	Solid	8260C	31962
890-1621-5	BH-5 (2)	Total/NA	Solid	8260C	31962
890-1621-7	BH-7 (2)	Total/NA	Solid	8260C	31962
890-1621-8	BH-8 (2)	Total/NA	Solid	8260C	31962
890-1621-9	BH-9 (2)	Total/NA	Solid	8260C	31962
890-1621-10	BH-10 (2)	Total/NA	Solid	8260C	31962
890-1621-11	BH-11 (2)	Total/NA	Solid	8260C	31962
890-1621-12	BH-12 (2)	Total/NA	Solid	8260C	31962
890-1621-13	BH-13 (2)	Total/NA	Solid	8260C	31962
MB 860-31878/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-31878/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-31878/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
860-15888-C-6-A MS	Matrix Spike	Total/NA	Solid	8260C	31771

Analysis Batch: 31884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-217	SW-1	Total/NA	Solid	8260C	31995
890-1621-218	SW-2	Total/NA	Solid	8260C	31995
890-1621-219	SW-3	Total/NA	Solid	8260C	31995
890-1621-220	SW-4	Total/NA	Solid	8260C	31995
890-1621-221	SW-5	Total/NA	Solid	8260C	31995
890-1621-222	SW-6	Total/NA	Solid	8260C	31995
890-1621-223	SW-7	Total/NA	Solid	8260C	31995
890-1621-224	SW-8	Total/NA	Solid	8260C	31995
MB 860-31884/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-31884/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-31884/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
860-15994-B-1-A MS	Matrix Spike	Total/NA	Solid	8260C	31679

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC/MS VOA

Analysis Batch: 31886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-228	SW-12	Total/NA	Solid	8260C	31995
890-1621-230	SW-14	Total/NA	Solid	8260C	31995
890-1621-231	SW-15	Total/NA	Solid	8260C	31995
890-1621-232	SW-16	Total/NA	Solid	8260C	31995
890-1621-233	SW-17	Total/NA	Solid	8260C	31995
890-1621-234	SW-18	Total/NA	Solid	8260C	31995
890-1621-235	SW-19	Total/NA	Solid	8260C	31995
MB 860-31886/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-31886/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-31886/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
860-15590-B-7-A MS	Matrix Spike	Total/NA	Solid	8260C	30754

Prep Batch: 31962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-1	BH-1 (2)	Total/NA	Solid	5035	
890-1621-2	BH-2 (2)	Total/NA	Solid	5035	
890-1621-3	BH-3 (2)	Total/NA	Solid	5035	
890-1621-4	BH-4 (2)	Total/NA	Solid	5035	
890-1621-5	BH-5 (2)	Total/NA	Solid	5035	
890-1621-7	BH-7 (2)	Total/NA	Solid	5035	
890-1621-8	BH-8 (2)	Total/NA	Solid	5035	
890-1621-9	BH-9 (2)	Total/NA	Solid	5035	
890-1621-10	BH-10 (2)	Total/NA	Solid	5035	
890-1621-11	BH-11 (2)	Total/NA	Solid	5035	
890-1621-12	BH-12 (2)	Total/NA	Solid	5035	
890-1621-13	BH-13 (2)	Total/NA	Solid	5035	
890-1621-14	BH-14 (2)	Total/NA	Solid	5035	
890-1621-15	BH-15 (2)	Total/NA	Solid	5035	
890-1621-16	BH-16 (2)	Total/NA	Solid	5035	
890-1621-17	BH-17 (2)	Total/NA	Solid	5035	
890-1621-18	BH-18 (2)	Total/NA	Solid	5035	
890-1621-19	BH-19 (2)	Total/NA	Solid	5035	
890-1621-20	BH-20 (2)	Total/NA	Solid	5035	

Prep Batch: 31995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-217	SW-1	Total/NA	Solid	5035	
890-1621-218	SW-2	Total/NA	Solid	5035	
890-1621-219	SW-3	Total/NA	Solid	5035	
890-1621-220	SW-4	Total/NA	Solid	5035	
890-1621-221	SW-5	Total/NA	Solid	5035	
890-1621-222	SW-6	Total/NA	Solid	5035	
890-1621-223	SW-7	Total/NA	Solid	5035	
890-1621-224	SW-8	Total/NA	Solid	5035	
890-1621-228	SW-12	Total/NA	Solid	5035	
890-1621-230	SW-14	Total/NA	Solid	5035	
890-1621-231	SW-15	Total/NA	Solid	5035	
890-1621-232	SW-16	Total/NA	Solid	5035	
890-1621-233	SW-17	Total/NA	Solid	5035	
890-1621-234	SW-18	Total/NA	Solid	5035	
890-1621-235	SW-19	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC/MS VOA (Continued)

Prep Batch: 31995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-236	SW-20	Total/NA	Solid	5035	

Prep Batch: 32006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-21	BH-21 (3)	Total/NA	Solid	5035	
890-1621-22	BH-22 (3)	Total/NA	Solid	5035	
890-1621-23	BH-23 (3)	Total/NA	Solid	5035	
890-1621-24	BH-24 (3)	Total/NA	Solid	5035	
890-1621-25	BH-25(3)	Total/NA	Solid	5035	
890-1621-26	BH-26(3)	Total/NA	Solid	5035	
890-1621-27	BH-27(3)	Total/NA	Solid	5035	
890-1621-28	BH-28(3)	Total/NA	Solid	5035	
890-1621-29	BH-29(3)	Total/NA	Solid	5035	
890-1621-237	SW-21	Total/NA	Solid	5035	
890-1621-238	SW-22	Total/NA	Solid	5035	
890-1621-239	SW-23	Total/NA	Solid	5035	
890-1621-240	SW-24	Total/NA	Solid	5035	
890-1621-241	SW-25	Total/NA	Solid	5035	
890-1621-242	SW-26	Total/NA	Solid	5035	
890-1621-243	SW-27	Total/NA	Solid	5035	
890-1621-244	SW-28	Total/NA	Solid	5035	
890-1621-245	SW-29	Total/NA	Solid	5035	
890-1621-246	SW-30	Total/NA	Solid	5035	
890-1621-247	SW-31	Total/NA	Solid	5035	
890-1621-237 MS	SW-21	Total/NA	Solid	5035	

Prep Batch: 32018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-30	BH-30(3)	Total/NA	Solid	5035	
890-1621-31	BH-31(3)	Total/NA	Solid	5035	
890-1621-32	BH-32(3)	Total/NA	Solid	5035	
890-1621-33	BH-33(3)	Total/NA	Solid	5035	
890-1621-34	BH-34(3)	Total/NA	Solid	5035	
890-1621-35	BH-35(3)	Total/NA	Solid	5035	
890-1621-36	BH-36(3)	Total/NA	Solid	5035	
890-1621-37	BH-37(3)	Total/NA	Solid	5035	
890-1621-38	BH-38(3)	Total/NA	Solid	5035	
890-1621-39	BH-39(3)	Total/NA	Solid	5035	
890-1621-40	BH-40(3)	Total/NA	Solid	5035	

Analysis Batch: 32023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-14	BH-14 (2)	Total/NA	Solid	8260C	31962
890-1621-15	BH-15 (2)	Total/NA	Solid	8260C	31962
890-1621-16	BH-16 (2)	Total/NA	Solid	8260C	31962
890-1621-17	BH-17 (2)	Total/NA	Solid	8260C	31962
890-1621-18	BH-18 (2)	Total/NA	Solid	8260C	31962
890-1621-19	BH-19 (2)	Total/NA	Solid	8260C	31962
890-1621-20	BH-20 (2)	Total/NA	Solid	8260C	31962
890-1621-21	BH-21 (3)	Total/NA	Solid	8260C	32006
890-1621-236	SW-20	Total/NA	Solid	8260C	31995

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC/MS VOA (Continued)

Analysis Batch: 32023 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-238	SW-22	Total/NA	Solid	8260C	32006
890-1621-239	SW-23	Total/NA	Solid	8260C	32006
890-1621-240	SW-24	Total/NA	Solid	8260C	32006
890-1621-241	SW-25	Total/NA	Solid	8260C	32006
890-1621-242	SW-26	Total/NA	Solid	8260C	32006
890-1621-243	SW-27	Total/NA	Solid	8260C	32006
890-1621-244	SW-28	Total/NA	Solid	8260C	32006
890-1621-245	SW-29	Total/NA	Solid	8260C	32006
890-1621-246	SW-30	Total/NA	Solid	8260C	32006
890-1621-247	SW-31	Total/NA	Solid	8260C	32006
MB 860-32023/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-32023/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-32023/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
840-610-A-2-A MS - DL	Matrix Spike	Total/NA	Solid	8260C	31798

Analysis Batch: 32027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-22	BH-22 (3)	Total/NA	Solid	8260C	32006
890-1621-23	BH-23 (3)	Total/NA	Solid	8260C	32006
890-1621-24	BH-24 (3)	Total/NA	Solid	8260C	32006
890-1621-25	BH-25(3)	Total/NA	Solid	8260C	32006
890-1621-26	BH-26(3)	Total/NA	Solid	8260C	32006
890-1621-27	BH-27(3)	Total/NA	Solid	8260C	32006
890-1621-28	BH-28(3)	Total/NA	Solid	8260C	32006
890-1621-29	BH-29(3)	Total/NA	Solid	8260C	32006
890-1621-30	BH-30(3)	Total/NA	Solid	8260C	32018
890-1621-31	BH-31(3)	Total/NA	Solid	8260C	32018
890-1621-32	BH-32(3)	Total/NA	Solid	8260C	32018
890-1621-33	BH-33(3)	Total/NA	Solid	8260C	32018
890-1621-34	BH-34(3)	Total/NA	Solid	8260C	32018
890-1621-35	BH-35(3)	Total/NA	Solid	8260C	32018
890-1621-36	BH-36(3)	Total/NA	Solid	8260C	32018
890-1621-37	BH-37(3)	Total/NA	Solid	8260C	32018
890-1621-38	BH-38(3)	Total/NA	Solid	8260C	32018
890-1621-39	BH-39(3)	Total/NA	Solid	8260C	32018
890-1621-40	BH-40(3)	Total/NA	Solid	8260C	32018
890-1621-237	SW-21	Total/NA	Solid	8260C	32006
MB 860-32027/9	Method Blank	Total/NA	Solid	8260C	
LCS 860-32027/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-32027/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
890-1621-237 MS	SW-21	Total/NA	Solid	8260C	32006

Analysis Batch: 32087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-46	BH-46(3)	Total/NA	Solid	8260C	32154
890-1621-47	BH-47(3)	Total/NA	Solid	8260C	32154
890-1621-48	BH-48(3)	Total/NA	Solid	8260C	32154
890-1621-49	BH-49(3)	Total/NA	Solid	8260C	32154
890-1621-50	BH-50(3)	Total/NA	Solid	8260C	32154
890-1621-51	BH-51(3)	Total/NA	Solid	8260C	32154
890-1621-52	BH-52(3)	Total/NA	Solid	8260C	32154

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC/MS VOA (Continued)

Analysis Batch: 32087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-53	BH-53(3)	Total/NA	Solid	8260C	32154
890-1621-54	BH-54(3)	Total/NA	Solid	8260C	32154
890-1621-55	BH-55(3)	Total/NA	Solid	8260C	32154
MB 860-32087/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-32087/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-32087/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
860-15924-A-1-A MS	Matrix Spike	Total/NA	Solid	8260C	31679

Analysis Batch: 32119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-6	BH-6 (2)	Total/NA	Solid	8260C	32154
890-1621-41	BH-41(3)	Total/NA	Solid	8260C	32154
890-1621-42	BH-42(3)	Total/NA	Solid	8260C	32154
890-1621-43	BH-43(3)	Total/NA	Solid	8260C	32154
890-1621-44	BH-44(3)	Total/NA	Solid	8260C	32154
890-1621-45	BH-45(3)	Total/NA	Solid	8260C	32154
890-1621-225	SW-9	Total/NA	Solid	8260C	32154
890-1621-226	SW-10	Total/NA	Solid	8260C	32154
890-1621-227	SW-11	Total/NA	Solid	8260C	32154
890-1621-229	SW-13	Total/NA	Solid	8260C	32154
MB 860-32119/8	Method Blank	Total/NA	Solid	8260C	
LCS 860-32119/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 860-32119/4	Lab Control Sample Dup	Total/NA	Solid	8260C	
860-15972-A-20-A MS - DL2	Matrix Spike	Total/NA	Solid	8260C	31679

Prep Batch: 32154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-6	BH-6 (2)	Total/NA	Solid	5035	
890-1621-41	BH-41(3)	Total/NA	Solid	5035	
890-1621-42	BH-42(3)	Total/NA	Solid	5035	
890-1621-43	BH-43(3)	Total/NA	Solid	5035	
890-1621-44	BH-44(3)	Total/NA	Solid	5035	
890-1621-45	BH-45(3)	Total/NA	Solid	5035	
890-1621-46	BH-46(3)	Total/NA	Solid	5035	
890-1621-47	BH-47(3)	Total/NA	Solid	5035	
890-1621-48	BH-48(3)	Total/NA	Solid	5035	
890-1621-49	BH-49(3)	Total/NA	Solid	5035	
890-1621-50	BH-50(3)	Total/NA	Solid	5035	
890-1621-51	BH-51(3)	Total/NA	Solid	5035	
890-1621-52	BH-52(3)	Total/NA	Solid	5035	
890-1621-53	BH-53(3)	Total/NA	Solid	5035	
890-1621-54	BH-54(3)	Total/NA	Solid	5035	
890-1621-55	BH-55(3)	Total/NA	Solid	5035	
890-1621-225	SW-9	Total/NA	Solid	5035	
890-1621-226	SW-10	Total/NA	Solid	5035	
890-1621-227	SW-11	Total/NA	Solid	5035	
890-1621-229	SW-13	Total/NA	Solid	5035	

Analysis Batch: 32209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-7	BH-7 (2)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC/MS VOA (Continued)

Analysis Batch: 32209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-8	BH-8 (2)	Total/NA	Solid	Total BTEX	
890-1621-9	BH-9 (2)	Total/NA	Solid	Total BTEX	
890-1621-10	BH-10 (2)	Total/NA	Solid	Total BTEX	
890-1621-11	BH-11 (2)	Total/NA	Solid	Total BTEX	
890-1621-12	BH-12 (2)	Total/NA	Solid	Total BTEX	
890-1621-13	BH-13 (2)	Total/NA	Solid	Total BTEX	
890-1621-14	BH-14 (2)	Total/NA	Solid	Total BTEX	
890-1621-15	BH-15 (2)	Total/NA	Solid	Total BTEX	
890-1621-16	BH-16 (2)	Total/NA	Solid	Total BTEX	
890-1621-17	BH-17 (2)	Total/NA	Solid	Total BTEX	
890-1621-18	BH-18 (2)	Total/NA	Solid	Total BTEX	
890-1621-19	BH-19 (2)	Total/NA	Solid	Total BTEX	
890-1621-20	BH-20 (2)	Total/NA	Solid	Total BTEX	
890-1621-21	BH-21 (3)	Total/NA	Solid	Total BTEX	
890-1621-22	BH-22 (3)	Total/NA	Solid	Total BTEX	
890-1621-23	BH-23 (3)	Total/NA	Solid	Total BTEX	
890-1621-24	BH-24 (3)	Total/NA	Solid	Total BTEX	
890-1621-25	BH-25(3)	Total/NA	Solid	Total BTEX	
890-1621-26	BH-26(3)	Total/NA	Solid	Total BTEX	

Analysis Batch: 32210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-27	BH-27(3)	Total/NA	Solid	Total BTEX	
890-1621-28	BH-28(3)	Total/NA	Solid	Total BTEX	
890-1621-29	BH-29(3)	Total/NA	Solid	Total BTEX	
890-1621-30	BH-30(3)	Total/NA	Solid	Total BTEX	
890-1621-31	BH-31(3)	Total/NA	Solid	Total BTEX	
890-1621-32	BH-32(3)	Total/NA	Solid	Total BTEX	
890-1621-33	BH-33(3)	Total/NA	Solid	Total BTEX	
890-1621-34	BH-34(3)	Total/NA	Solid	Total BTEX	
890-1621-35	BH-35(3)	Total/NA	Solid	Total BTEX	
890-1621-36	BH-36(3)	Total/NA	Solid	Total BTEX	
890-1621-37	BH-37(3)	Total/NA	Solid	Total BTEX	
890-1621-38	BH-38(3)	Total/NA	Solid	Total BTEX	
890-1621-39	BH-39(3)	Total/NA	Solid	Total BTEX	
890-1621-40	BH-40(3)	Total/NA	Solid	Total BTEX	
890-1621-217	SW-1	Total/NA	Solid	Total BTEX	
890-1621-218	SW-2	Total/NA	Solid	Total BTEX	
890-1621-219	SW-3	Total/NA	Solid	Total BTEX	
890-1621-220	SW-4	Total/NA	Solid	Total BTEX	
890-1621-221	SW-5	Total/NA	Solid	Total BTEX	
890-1621-222	SW-6	Total/NA	Solid	Total BTEX	

Analysis Batch: 32223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-228	SW-12	Total/NA	Solid	Total BTEX	
890-1621-230	SW-14	Total/NA	Solid	Total BTEX	
890-1621-231	SW-15	Total/NA	Solid	Total BTEX	
890-1621-232	SW-16	Total/NA	Solid	Total BTEX	
890-1621-233	SW-17	Total/NA	Solid	Total BTEX	
890-1621-234	SW-18	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC/MS VOA (Continued)

Analysis Batch: 32223 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-235	SW-19	Total/NA	Solid	Total BTEX	
890-1621-236	SW-20	Total/NA	Solid	Total BTEX	
890-1621-237	SW-21	Total/NA	Solid	Total BTEX	
890-1621-238	SW-22	Total/NA	Solid	Total BTEX	
890-1621-239	SW-23	Total/NA	Solid	Total BTEX	
890-1621-240	SW-24	Total/NA	Solid	Total BTEX	
890-1621-241	SW-25	Total/NA	Solid	Total BTEX	
890-1621-242	SW-26	Total/NA	Solid	Total BTEX	
890-1621-243	SW-27	Total/NA	Solid	Total BTEX	
890-1621-244	SW-28	Total/NA	Solid	Total BTEX	

Analysis Batch: 32272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-1	BH-1 (2)	Total/NA	Solid	Total BTEX	
890-1621-2	BH-2 (2)	Total/NA	Solid	Total BTEX	
890-1621-3	BH-3 (2)	Total/NA	Solid	Total BTEX	
890-1621-4	BH-4 (2)	Total/NA	Solid	Total BTEX	
890-1621-5	BH-5 (2)	Total/NA	Solid	Total BTEX	
890-1621-6	BH-6 (2)	Total/NA	Solid	Total BTEX	
890-1621-41	BH-41(3)	Total/NA	Solid	Total BTEX	
890-1621-42	BH-42(3)	Total/NA	Solid	Total BTEX	
890-1621-223	SW-7	Total/NA	Solid	Total BTEX	
890-1621-224	SW-8	Total/NA	Solid	Total BTEX	
890-1621-225	SW-9	Total/NA	Solid	Total BTEX	
890-1621-226	SW-10	Total/NA	Solid	Total BTEX	
890-1621-227	SW-11	Total/NA	Solid	Total BTEX	
890-1621-229	SW-13	Total/NA	Solid	Total BTEX	
890-1621-245	SW-29	Total/NA	Solid	Total BTEX	
890-1621-246	SW-30	Total/NA	Solid	Total BTEX	
890-1621-247	SW-31	Total/NA	Solid	Total BTEX	

Analysis Batch: 32347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-43	BH-43(3)	Total/NA	Solid	Total BTEX	
890-1621-44	BH-44(3)	Total/NA	Solid	Total BTEX	
890-1621-45	BH-45(3)	Total/NA	Solid	Total BTEX	
890-1621-46	BH-46(3)	Total/NA	Solid	Total BTEX	
890-1621-47	BH-47(3)	Total/NA	Solid	Total BTEX	
890-1621-48	BH-48(3)	Total/NA	Solid	Total BTEX	
890-1621-49	BH-49(3)	Total/NA	Solid	Total BTEX	
890-1621-50	BH-50(3)	Total/NA	Solid	Total BTEX	
890-1621-51	BH-51(3)	Total/NA	Solid	Total BTEX	
890-1621-52	BH-52(3)	Total/NA	Solid	Total BTEX	
890-1621-53	BH-53(3)	Total/NA	Solid	Total BTEX	
890-1621-54	BH-54(3)	Total/NA	Solid	Total BTEX	
890-1621-55	BH-55(3)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA

Prep Batch: 13016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-13016/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 13108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-56	BH-56(4.5)	Total/NA	Solid	8021B	13157
890-1621-57	BH-57(4.5)	Total/NA	Solid	8021B	13157
890-1621-58	BH-58(4.5)	Total/NA	Solid	8021B	13157
890-1621-59	BH-59(4.5)	Total/NA	Solid	8021B	13157
890-1621-60	BH-60(4.5)	Total/NA	Solid	8021B	13157
890-1621-61	BH-61(4.5)	Total/NA	Solid	8021B	13157
890-1621-62	BH-62 (4.5)	Total/NA	Solid	8021B	13157
890-1621-63	BH-63 (4.5)	Total/NA	Solid	8021B	13157
890-1621-64	BH-64 (4.5)	Total/NA	Solid	8021B	13157
890-1621-65	BH-65(4.5)	Total/NA	Solid	8021B	13157
890-1621-66	BH-66 (4.5)	Total/NA	Solid	8021B	13157
890-1621-67	BH-67 (4.5)	Total/NA	Solid	8021B	13157
890-1621-68	BH-68 (4.5)	Total/NA	Solid	8021B	13157
890-1621-69	BH-69 (4.5)	Total/NA	Solid	8021B	13157
890-1621-70	BH-70 (4.5)	Total/NA	Solid	8021B	13157
890-1621-71	BH-71 (4.5)	Total/NA	Solid	8021B	13157
890-1621-72	BH-72 (4.5)	Total/NA	Solid	8021B	13157
890-1621-73	BH-73 (4.5)	Total/NA	Solid	8021B	13157
890-1621-74	BH-74 (4.5)	Total/NA	Solid	8021B	13157
890-1621-75	BH-75 (4.5)	Total/NA	Solid	8021B	13157
890-1621-76	BH-76 (4.5)	Total/NA	Solid	8021B	13158
890-1621-77	BH-77 (4.5)	Total/NA	Solid	8021B	13158
890-1621-78	BH-78 (4.5)	Total/NA	Solid	8021B	13158
890-1621-79	BH-79 (4.5)	Total/NA	Solid	8021B	13158
890-1621-80	BH-80 (4.5)	Total/NA	Solid	8021B	13158
890-1621-81	BH-81 (4.5)	Total/NA	Solid	8021B	13158
890-1621-82	BH-82 (4.5)	Total/NA	Solid	8021B	13158
890-1621-83	BH-83 (4.5)	Total/NA	Solid	8021B	13158
890-1621-84	BH-84 (4.5)	Total/NA	Solid	8021B	13158
890-1621-85	BH-85 (4.5)	Total/NA	Solid	8021B	13158
890-1621-86	BH-86 (4.5)	Total/NA	Solid	8021B	13158
890-1621-87	BH-87 (4.5)	Total/NA	Solid	8021B	13158
890-1621-88	BH-88 (4.5)	Total/NA	Solid	8021B	13158
890-1621-89	BH-89 (4.5)	Total/NA	Solid	8021B	13158
890-1621-90	BH-90 (4.5)	Total/NA	Solid	8021B	13158
890-1621-91	BH-91 (4.5)	Total/NA	Solid	8021B	13158
890-1621-92	BH-92 (4.5)	Total/NA	Solid	8021B	13158
890-1621-93	BH-93 (4.5)	Total/NA	Solid	8021B	13158
890-1621-94	BH-94 (4.5)	Total/NA	Solid	8021B	13158
890-1621-95	BH-95 (4.5)	Total/NA	Solid	8021B	13158
MB 880-13016/5-A	Method Blank	Total/NA	Solid	8021B	13016
MB 880-13157/5-A	Method Blank	Total/NA	Solid	8021B	13157
MB 880-13158/5-A	Method Blank	Total/NA	Solid	8021B	13158
LCS 880-13157/1-A	Lab Control Sample	Total/NA	Solid	8021B	13157
LCS 880-13158/1-A	Lab Control Sample	Total/NA	Solid	8021B	13158
LCSD 880-13157/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13157
LCSD 880-13158/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13158

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 13108 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-56 MS	BH-56(4.5)	Total/NA	Solid	8021B	13157
890-1621-56 MSD	BH-56(4.5)	Total/NA	Solid	8021B	13157
890-1621-76 MS	BH-76 (4.5)	Total/NA	Solid	8021B	13158
890-1621-76 MSD	BH-76 (4.5)	Total/NA	Solid	8021B	13158

Analysis Batch: 13109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-96	BH-96 (4.5)	Total/NA	Solid	8021B	13111
890-1621-97	BH-97 (4.5)	Total/NA	Solid	8021B	13111
890-1621-98	BH-98 (4.5)	Total/NA	Solid	8021B	13111
890-1621-99	BH-99 (4.5)	Total/NA	Solid	8021B	13111
890-1621-100	BH-100 (4.5)	Total/NA	Solid	8021B	13111
890-1621-101	BH-101 (4.5)	Total/NA	Solid	8021B	13111
890-1621-102	BH-102(4.5)	Total/NA	Solid	8021B	13111
890-1621-103	BH-103(4.5)	Total/NA	Solid	8021B	13111
890-1621-104	BH-104(4.5)	Total/NA	Solid	8021B	13111
890-1621-105	BH-105(4.5)	Total/NA	Solid	8021B	13111
890-1621-106	BH-106(4.5)	Total/NA	Solid	8021B	13111
890-1621-107	BH-107(4.5)	Total/NA	Solid	8021B	13111
890-1621-108	BH-108(4.5)	Total/NA	Solid	8021B	13111
890-1621-109	BH-109(4.5)	Total/NA	Solid	8021B	13111
890-1621-110	BH-110(4.5)	Total/NA	Solid	8021B	13111
890-1621-111	BH-111(4.5)	Total/NA	Solid	8021B	13111
890-1621-112	BH-112(4.5)	Total/NA	Solid	8021B	13111
890-1621-113	BH-113(4.5)	Total/NA	Solid	8021B	13111
890-1621-114	BH-114(4.5)	Total/NA	Solid	8021B	13111
890-1621-115	BH-115(4.5)	Total/NA	Solid	8021B	13111
890-1621-116	BH-116(4.5)	Total/NA	Solid	8021B	13115
890-1621-117	BH-117(4.5)	Total/NA	Solid	8021B	13115
890-1621-118	BH-118(4.5)	Total/NA	Solid	8021B	13115
890-1621-119	BH-119(4.5)	Total/NA	Solid	8021B	13115
890-1621-120	BH-120(4.5)	Total/NA	Solid	8021B	13115
890-1621-121	BH-121(4.5)	Total/NA	Solid	8021B	13115
890-1621-122	BH-122(4.5)	Total/NA	Solid	8021B	13115
890-1621-123	BH-123(4.5)	Total/NA	Solid	8021B	13115
890-1621-124	BH-124(4.5)	Total/NA	Solid	8021B	13115
890-1621-125	BH-125(4.5)	Total/NA	Solid	8021B	13115
890-1621-126	BH-126(4.5)	Total/NA	Solid	8021B	13115
890-1621-127	BH-127(4.5)	Total/NA	Solid	8021B	13115
890-1621-128	BH-128(4.5)	Total/NA	Solid	8021B	13115
890-1621-129	BH-129(4.5)	Total/NA	Solid	8021B	13115
890-1621-130	BH-130(4.5)	Total/NA	Solid	8021B	13115
890-1621-131	BH-131(4.5)	Total/NA	Solid	8021B	13115
890-1621-132	BH-132(4.5)	Total/NA	Solid	8021B	13115
890-1621-133	BH-133(4.5)	Total/NA	Solid	8021B	13115
890-1621-134	BH-134(4.5)	Total/NA	Solid	8021B	13115
890-1621-135	BH-135(4.5)	Total/NA	Solid	8021B	13115
890-1621-136	BH-136(4.5)	Total/NA	Solid	8021B	13116
890-1621-137	BH-137(4.5)	Total/NA	Solid	8021B	13116
890-1621-138	BH-138(4.5)	Total/NA	Solid	8021B	13116
890-1621-139	BH-139(4.5)	Total/NA	Solid	8021B	13116

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 13109 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-140	BH-140(4.5)	Total/NA	Solid	8021B	13116
890-1621-141	BH-141(4.5)	Total/NA	Solid	8021B	13116
890-1621-142	BH-142(4.5)	Total/NA	Solid	8021B	13116
890-1621-143	BH-143(4.5)	Total/NA	Solid	8021B	13116
890-1621-144	BH-144(4.5)	Total/NA	Solid	8021B	13116
890-1621-145	BH-145(4.5)	Total/NA	Solid	8021B	13116
890-1621-146	BH-146(4.5)	Total/NA	Solid	8021B	13116
890-1621-147	BH-147(4.5)	Total/NA	Solid	8021B	13116
890-1621-148	BH-148(4.5)	Total/NA	Solid	8021B	13116
890-1621-149	BH-149(4.5)	Total/NA	Solid	8021B	13116
890-1621-150	BH-150(4.5)	Total/NA	Solid	8021B	13116
890-1621-151	BH-151(4.5)	Total/NA	Solid	8021B	13116
890-1621-152	BH-152(4.5)	Total/NA	Solid	8021B	13116
890-1621-153	BH-153(4.5)	Total/NA	Solid	8021B	13116
890-1621-154	BH-154 (4.5)	Total/NA	Solid	8021B	13116
890-1621-155	BH-155(4.5)	Total/NA	Solid	8021B	13116
MB 880-13111/5-A	Method Blank	Total/NA	Solid	8021B	13111
MB 880-13115/5-A	Method Blank	Total/NA	Solid	8021B	13115
MB 880-13116/5-A	Method Blank	Total/NA	Solid	8021B	13116
LCS 880-13111/1-A	Lab Control Sample	Total/NA	Solid	8021B	13111
LCS 880-13115/1-A	Lab Control Sample	Total/NA	Solid	8021B	13115
LCS 880-13116/1-A	Lab Control Sample	Total/NA	Solid	8021B	13116
LCSD 880-13111/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13111
LCSD 880-13115/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13115
LCSD 880-13116/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13116
890-1621-96 MS	BH-96 (4.5)	Total/NA	Solid	8021B	13111
890-1621-96 MSD	BH-96 (4.5)	Total/NA	Solid	8021B	13111
890-1621-116 MS	BH-116(4.5)	Total/NA	Solid	8021B	13115
890-1621-116 MSD	BH-116(4.5)	Total/NA	Solid	8021B	13115
890-1621-136 MS	BH-136(4.5)	Total/NA	Solid	8021B	13116
890-1621-136 MSD	BH-136(4.5)	Total/NA	Solid	8021B	13116

Prep Batch: 13111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-96	BH-96 (4.5)	Total/NA	Solid	5035	
890-1621-97	BH-97 (4.5)	Total/NA	Solid	5035	
890-1621-98	BH-98 (4.5)	Total/NA	Solid	5035	
890-1621-99	BH-99 (4.5)	Total/NA	Solid	5035	
890-1621-100	BH-100 (4.5)	Total/NA	Solid	5035	
890-1621-101	BH-101 (4.5)	Total/NA	Solid	5035	
890-1621-102	BH-102(4.5)	Total/NA	Solid	5035	
890-1621-103	BH-103(4.5)	Total/NA	Solid	5035	
890-1621-104	BH-104(4.5)	Total/NA	Solid	5035	
890-1621-105	BH-105(4.5)	Total/NA	Solid	5035	
890-1621-106	BH-106(4.5)	Total/NA	Solid	5035	
890-1621-107	BH-107(4.5)	Total/NA	Solid	5035	
890-1621-108	BH-108(4.5)	Total/NA	Solid	5035	
890-1621-109	BH-109(4.5)	Total/NA	Solid	5035	
890-1621-110	BH-110(4.5)	Total/NA	Solid	5035	
890-1621-111	BH-111(4.5)	Total/NA	Solid	5035	
890-1621-112	BH-112(4.5)	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 13111 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-113	BH-113(4.5)	Total/NA	Solid	5035	
890-1621-114	BH-114(4.5)	Total/NA	Solid	5035	
890-1621-115	BH-115(4.5)	Total/NA	Solid	5035	
MB 880-13111/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13111/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13111/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1621-96 MS	BH-96 (4.5)	Total/NA	Solid	5035	
890-1621-96 MSD	BH-96 (4.5)	Total/NA	Solid	5035	

Prep Batch: 13115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-116	BH-116(4.5)	Total/NA	Solid	5035	
890-1621-117	BH-117(4.5)	Total/NA	Solid	5035	
890-1621-118	BH-118(4.5)	Total/NA	Solid	5035	
890-1621-119	BH-119(4.5)	Total/NA	Solid	5035	
890-1621-120	BH-120(4.5)	Total/NA	Solid	5035	
890-1621-121	BH-121(4.5)	Total/NA	Solid	5035	
890-1621-122	BH-122(4.5)	Total/NA	Solid	5035	
890-1621-123	BH-123(4.5)	Total/NA	Solid	5035	
890-1621-124	BH-124(4.5)	Total/NA	Solid	5035	
890-1621-125	BH-125(4.5)	Total/NA	Solid	5035	
890-1621-126	BH-126(4.5)	Total/NA	Solid	5035	
890-1621-127	BH-127(4.5)	Total/NA	Solid	5035	
890-1621-128	BH-128(4.5)	Total/NA	Solid	5035	
890-1621-129	BH-129(4.5)	Total/NA	Solid	5035	
890-1621-130	BH-130(4.5)	Total/NA	Solid	5035	
890-1621-131	BH-131(4.5)	Total/NA	Solid	5035	
890-1621-132	BH-132(4.5)	Total/NA	Solid	5035	
890-1621-133	BH-133(4.5)	Total/NA	Solid	5035	
890-1621-134	BH-134(4.5)	Total/NA	Solid	5035	
890-1621-135	BH-135(4.5)	Total/NA	Solid	5035	
MB 880-13115/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13115/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13115/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1621-116 MS	BH-116(4.5)	Total/NA	Solid	5035	
890-1621-116 MSD	BH-116(4.5)	Total/NA	Solid	5035	

Prep Batch: 13116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-136	BH-136(4.5)	Total/NA	Solid	5035	
890-1621-137	BH-137(4.5)	Total/NA	Solid	5035	
890-1621-138	BH-138(4.5)	Total/NA	Solid	5035	
890-1621-139	BH-139(4.5)	Total/NA	Solid	5035	
890-1621-140	BH-140(4.5)	Total/NA	Solid	5035	
890-1621-141	BH-141(4.5)	Total/NA	Solid	5035	
890-1621-142	BH-142(4.5)	Total/NA	Solid	5035	
890-1621-143	BH-143(4.5)	Total/NA	Solid	5035	
890-1621-144	BH-144(4.5)	Total/NA	Solid	5035	
890-1621-145	BH-145(4.5)	Total/NA	Solid	5035	
890-1621-146	BH-146(4.5)	Total/NA	Solid	5035	
890-1621-147	BH-147(4.5)	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 13116 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-148	BH-148(4.5)	Total/NA	Solid	5035	
890-1621-149	BH-149(4.5)	Total/NA	Solid	5035	
890-1621-150	BH-150(4.5)	Total/NA	Solid	5035	
890-1621-151	BH-151(4.5)	Total/NA	Solid	5035	
890-1621-152	BH-152(4.5)	Total/NA	Solid	5035	
890-1621-153	BH-153(4.5)	Total/NA	Solid	5035	
890-1621-154	BH-154 (4.5)	Total/NA	Solid	5035	
890-1621-155	BH-155(4.5)	Total/NA	Solid	5035	
MB 880-13116/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13116/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13116/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1621-136 MS	BH-136(4.5)	Total/NA	Solid	5035	
890-1621-136 MSD	BH-136(4.5)	Total/NA	Solid	5035	

Prep Batch: 13157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-56	BH-56(4.5)	Total/NA	Solid	5035	
890-1621-57	BH-57(4.5)	Total/NA	Solid	5035	
890-1621-58	BH-58(4.5)	Total/NA	Solid	5035	
890-1621-59	BH-59(4.5)	Total/NA	Solid	5035	
890-1621-60	BH-60(4.5)	Total/NA	Solid	5035	
890-1621-61	BH-61(4.5)	Total/NA	Solid	5035	
890-1621-62	BH-62 (4.5)	Total/NA	Solid	5035	
890-1621-63	BH-63 (4.5)	Total/NA	Solid	5035	
890-1621-64	BH-64 (4.5)	Total/NA	Solid	5035	
890-1621-65	BH-65(4.5)	Total/NA	Solid	5035	
890-1621-66	BH-66 (4.5)	Total/NA	Solid	5035	
890-1621-67	BH-67 (4.5)	Total/NA	Solid	5035	
890-1621-68	BH-68 (4.5)	Total/NA	Solid	5035	
890-1621-69	BH-69 (4.5)	Total/NA	Solid	5035	
890-1621-70	BH-70 (4.5)	Total/NA	Solid	5035	
890-1621-71	BH-71 (4.5)	Total/NA	Solid	5035	
890-1621-72	BH-72 (4.5)	Total/NA	Solid	5035	
890-1621-73	BH-73 (4.5)	Total/NA	Solid	5035	
890-1621-74	BH-74 (4.5)	Total/NA	Solid	5035	
890-1621-75	BH-75 (4.5)	Total/NA	Solid	5035	
MB 880-13157/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13157/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13157/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1621-56 MS	BH-56(4.5)	Total/NA	Solid	5035	
890-1621-56 MSD	BH-56(4.5)	Total/NA	Solid	5035	

Prep Batch: 13158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-76	BH-76 (4.5)	Total/NA	Solid	5035	
890-1621-77	BH-77 (4.5)	Total/NA	Solid	5035	
890-1621-78	BH-78 (4.5)	Total/NA	Solid	5035	
890-1621-79	BH-79 (4.5)	Total/NA	Solid	5035	
890-1621-80	BH-80 (4.5)	Total/NA	Solid	5035	
890-1621-81	BH-81 (4.5)	Total/NA	Solid	5035	
890-1621-82	BH-82 (4.5)	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 13158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-83	BH-83 (4.5)	Total/NA	Solid	5035	
890-1621-84	BH-84 (4.5)	Total/NA	Solid	5035	
890-1621-85	BH-85 (4.5)	Total/NA	Solid	5035	
890-1621-86	BH-86 (4.5)	Total/NA	Solid	5035	
890-1621-87	BH-87 (4.5)	Total/NA	Solid	5035	
890-1621-88	BH-88 (4.5)	Total/NA	Solid	5035	
890-1621-89	BH-89 (4.5)	Total/NA	Solid	5035	
890-1621-90	BH-90 (4.5)	Total/NA	Solid	5035	
890-1621-91	BH-91 (4.5)	Total/NA	Solid	5035	
890-1621-92	BH-92 (4.5)	Total/NA	Solid	5035	
890-1621-93	BH-93 (4.5)	Total/NA	Solid	5035	
890-1621-94	BH-94 (4.5)	Total/NA	Solid	5035	
890-1621-95	BH-95 (4.5)	Total/NA	Solid	5035	
MB 880-13158/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13158/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13158/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1621-76 MS	BH-76 (4.5)	Total/NA	Solid	5035	
890-1621-76 MSD	BH-76 (4.5)	Total/NA	Solid	5035	

Prep Batch: 13159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-206	BH-206(4.5)	Total/NA	Solid	5035	
890-1621-207	BH-207(4.5)	Total/NA	Solid	5035	
890-1621-208	BH-208(4.5)	Total/NA	Solid	5035	
890-1621-209	BH-20994.5)	Total/NA	Solid	5035	
890-1621-210	BH-210(4.5)	Total/NA	Solid	5035	
890-1621-211	BH-211(4.5)	Total/NA	Solid	5035	
890-1621-212	BH-212(4.5)	Total/NA	Solid	5035	
890-1621-213	BH-213(4.5)	Total/NA	Solid	5035	
890-1621-214	BH-214(4.5)	Total/NA	Solid	5035	
890-1621-215	BH-215(4.5)	Total/NA	Solid	5035	
MB 880-13159/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13159/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13159/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1631-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 13160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-196	BH-196(4.5)	Total/NA	Solid	5035	
890-1621-197	BH-197(4.5)	Total/NA	Solid	5035	
890-1621-198	BH-198(4.5)	Total/NA	Solid	5035	
890-1621-199	BH-199(4.5)	Total/NA	Solid	5035	
890-1621-200	BH-200(4.5)	Total/NA	Solid	5035	
890-1621-201	BH-201(4.5)	Total/NA	Solid	5035	
890-1621-202	BH-202(4.5)	Total/NA	Solid	5035	
890-1621-203	BH-203(4.5)	Total/NA	Solid	5035	
890-1621-204	BH-204(4.5)	Total/NA	Solid	5035	
890-1621-205	BH-205(4.5)	Total/NA	Solid	5035	
MB 880-13160/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13160/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13160/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA

Prep Batch: 13161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-216	BH-216(4.5)	Total/NA	Solid	5035	
MB 880-13161/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13161/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13161/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1631-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 13166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-156	BH-156(4.5)	Total/NA	Solid	8021B	13188
890-1621-157	BH-157(4.5)	Total/NA	Solid	8021B	13188
890-1621-158	BH-158(4.5)	Total/NA	Solid	8021B	13188
890-1621-159	BH-159(4.5)	Total/NA	Solid	8021B	13188
890-1621-160	BH-160(4.5)	Total/NA	Solid	8021B	13188
890-1621-161	BH-161(4.5)	Total/NA	Solid	8021B	13188
890-1621-162	BH-162(4.5)	Total/NA	Solid	8021B	13188
890-1621-163	BH-163(4.5)	Total/NA	Solid	8021B	13188
890-1621-164	BH-164(4.5)	Total/NA	Solid	8021B	13188
890-1621-165	BH-165(4.5)	Total/NA	Solid	8021B	13188
890-1621-166	BH-166(4.5)	Total/NA	Solid	8021B	13188
890-1621-167	BH-167(4.5)	Total/NA	Solid	8021B	13188
890-1621-168	BH-168(4.5)	Total/NA	Solid	8021B	13188
890-1621-169	BH-169(4.5)	Total/NA	Solid	8021B	13188
890-1621-170	BH-170(4.5)	Total/NA	Solid	8021B	13188
890-1621-171	BH-171(4.5)	Total/NA	Solid	8021B	13188
890-1621-172	BH-172(4.5)	Total/NA	Solid	8021B	13188
890-1621-173	BH-173(4.5)	Total/NA	Solid	8021B	13188
890-1621-174	BH-174(4.5)	Total/NA	Solid	8021B	13188
890-1621-175	BH-175(4.5)	Total/NA	Solid	8021B	13188
890-1621-176	BH-176(4.5)	Total/NA	Solid	8021B	13196
890-1621-177	BH-177(4.5)	Total/NA	Solid	8021B	13196
890-1621-178	BH-178(4.5)	Total/NA	Solid	8021B	13196
890-1621-179	BH-179(4.5)	Total/NA	Solid	8021B	13196
890-1621-180	BH-180(4.5)	Total/NA	Solid	8021B	13196
890-1621-181	BH-181(4.5)	Total/NA	Solid	8021B	13196
890-1621-182	BH-182(4.5)	Total/NA	Solid	8021B	13196
890-1621-183	BH-183(4.5)	Total/NA	Solid	8021B	13196
890-1621-184	BH-184(4.5)	Total/NA	Solid	8021B	13196
890-1621-185	BH-185(4.5)	Total/NA	Solid	8021B	13196
890-1621-186	BH-186(4.5)	Total/NA	Solid	8021B	13196
890-1621-187	BH-187(4.5)	Total/NA	Solid	8021B	13196
890-1621-188	BH-188(4.5)	Total/NA	Solid	8021B	13196
890-1621-189	BH-189(4.5)	Total/NA	Solid	8021B	13196
890-1621-190	BH-190(4.5)	Total/NA	Solid	8021B	13196
890-1621-191	BH-191(4.5)	Total/NA	Solid	8021B	13196
890-1621-192	BH-192(4.5)	Total/NA	Solid	8021B	13196
890-1621-193	BH-193(4.5)	Total/NA	Solid	8021B	13196
890-1621-194	BH-194(4.5)	Total/NA	Solid	8021B	13196
890-1621-195	BH-195(4.5)	Total/NA	Solid	8021B	13196
MB 880-13188/5-A	Method Blank	Total/NA	Solid	8021B	13188
MB 880-13196/5-A	Method Blank	Total/NA	Solid	8021B	13196
LCS 880-13188/1-A	Lab Control Sample	Total/NA	Solid	8021B	13188

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 13166 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-13196/1-A	Lab Control Sample	Total/NA	Solid	8021B	13196
LCSD 880-13188/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13188
LCSD 880-13196/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13196
890-1621-156 MS	BH-156(4.5)	Total/NA	Solid	8021B	13188
890-1621-156 MSD	BH-156(4.5)	Total/NA	Solid	8021B	13188
890-1621-176 MS	BH-176(4.5)	Total/NA	Solid	8021B	13196
890-1621-176 MSD	BH-176(4.5)	Total/NA	Solid	8021B	13196

Prep Batch: 13188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-156	BH-156(4.5)	Total/NA	Solid	5035	
890-1621-157	BH-157(4.5)	Total/NA	Solid	5035	
890-1621-158	BH-158(4.5)	Total/NA	Solid	5035	
890-1621-159	BH-159(4.5)	Total/NA	Solid	5035	
890-1621-160	BH-160(4.5)	Total/NA	Solid	5035	
890-1621-161	BH-161(4.5)	Total/NA	Solid	5035	
890-1621-162	BH-162(4.5)	Total/NA	Solid	5035	
890-1621-163	BH-163(4.5)	Total/NA	Solid	5035	
890-1621-164	BH-164(4.5)	Total/NA	Solid	5035	
890-1621-165	BH-165(4.5)	Total/NA	Solid	5035	
890-1621-166	BH-166(4.5)	Total/NA	Solid	5035	
890-1621-167	BH-167(4.5)	Total/NA	Solid	5035	
890-1621-168	BH-168(4.5)	Total/NA	Solid	5035	
890-1621-169	BH-169(4.5)	Total/NA	Solid	5035	
890-1621-170	BH-170(4.5)	Total/NA	Solid	5035	
890-1621-171	BH-171(4.5)	Total/NA	Solid	5035	
890-1621-172	BH-172(4.5)	Total/NA	Solid	5035	
890-1621-173	BH-173(4.5)	Total/NA	Solid	5035	
890-1621-174	BH-174(4.5)	Total/NA	Solid	5035	
890-1621-175	BH-175(4.5)	Total/NA	Solid	5035	
MB 880-13188/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13188/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13188/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1621-156 MS	BH-156(4.5)	Total/NA	Solid	5035	
890-1621-156 MSD	BH-156(4.5)	Total/NA	Solid	5035	

Prep Batch: 13196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-176	BH-176(4.5)	Total/NA	Solid	5035	
890-1621-177	BH-177(4.5)	Total/NA	Solid	5035	
890-1621-178	BH-178(4.5)	Total/NA	Solid	5035	
890-1621-179	BH-179(4.5)	Total/NA	Solid	5035	
890-1621-180	BH-180(4.5)	Total/NA	Solid	5035	
890-1621-181	BH-181(4.5)	Total/NA	Solid	5035	
890-1621-182	BH-182(4.5)	Total/NA	Solid	5035	
890-1621-183	BH-183(4.5)	Total/NA	Solid	5035	
890-1621-184	BH-184(4.5)	Total/NA	Solid	5035	
890-1621-185	BH-185(4.5)	Total/NA	Solid	5035	
890-1621-186	BH-186(4.5)	Total/NA	Solid	5035	
890-1621-187	BH-187(4.5)	Total/NA	Solid	5035	
890-1621-188	BH-188(4.5)	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 13196 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-189	BH-189(4.5)	Total/NA	Solid	5035	
890-1621-190	BH-190(4.5)	Total/NA	Solid	5035	
890-1621-191	BH-191(4.5)	Total/NA	Solid	5035	
890-1621-192	BH-192(4.5)	Total/NA	Solid	5035	
890-1621-193	BH-193(4.5)	Total/NA	Solid	5035	
890-1621-194	BH-194(4.5)	Total/NA	Solid	5035	
890-1621-195	BH-195(4.5)	Total/NA	Solid	5035	
MB 880-13196/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13196/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13196/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1621-176 MS	BH-176(4.5)	Total/NA	Solid	5035	
890-1621-176 MSD	BH-176(4.5)	Total/NA	Solid	5035	

Analysis Batch: 13291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-206	BH-206(4.5)	Total/NA	Solid	8021B	13159
890-1621-207	BH-207(4.5)	Total/NA	Solid	8021B	13159
890-1621-208	BH-208(4.5)	Total/NA	Solid	8021B	13159
890-1621-209	BH-20994.5)	Total/NA	Solid	8021B	13159
890-1621-210	BH-210(4.5)	Total/NA	Solid	8021B	13159
890-1621-211	BH-211(4.5)	Total/NA	Solid	8021B	13159
890-1621-212	BH-212(4.5)	Total/NA	Solid	8021B	13159
890-1621-213	BH-213(4.5)	Total/NA	Solid	8021B	13159
890-1621-214	BH-214(4.5)	Total/NA	Solid	8021B	13159
890-1621-215	BH-215(4.5)	Total/NA	Solid	8021B	13159
MB 880-13159/5-A	Method Blank	Total/NA	Solid	8021B	13159
LCS 880-13159/1-A	Lab Control Sample	Total/NA	Solid	8021B	13159
LCSD 880-13159/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13159
890-1631-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1631-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	13159

Analysis Batch: 13292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-196	BH-196(4.5)	Total/NA	Solid	8021B	13160
890-1621-197	BH-197(4.5)	Total/NA	Solid	8021B	13160
890-1621-198	BH-198(4.5)	Total/NA	Solid	8021B	13160
890-1621-199	BH-199(4.5)	Total/NA	Solid	8021B	13160
890-1621-200	BH-200(4.5)	Total/NA	Solid	8021B	13160
890-1621-201	BH-201(4.5)	Total/NA	Solid	8021B	13160
890-1621-202	BH-202(4.5)	Total/NA	Solid	8021B	13160
890-1621-203	BH-203(4.5)	Total/NA	Solid	8021B	13160
890-1621-204	BH-204(4.5)	Total/NA	Solid	8021B	13160
890-1621-205	BH-205(4.5)	Total/NA	Solid	8021B	13160
MB 880-13160/5-A	Method Blank	Total/NA	Solid	8021B	13160
LCS 880-13160/1-A	Lab Control Sample	Total/NA	Solid	8021B	13160
LCSD 880-13160/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13160
890-1631-A-11-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1631-A-11-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA

Analysis Batch: 13293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-216	BH-216(4.5)	Total/NA	Solid	8021B	13161
MB 880-13161/5-A	Method Blank	Total/NA	Solid	8021B	13161
LCS 880-13161/1-A	Lab Control Sample	Total/NA	Solid	8021B	13161
LCSD 880-13161/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13161
890-1631-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1631-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	13161

Analysis Batch: 14097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-56	BH-56(4.5)	Total/NA	Solid	Total BTEX	
890-1621-57	BH-57(4.5)	Total/NA	Solid	Total BTEX	
890-1621-58	BH-58(4.5)	Total/NA	Solid	Total BTEX	
890-1621-59	BH-59(4.5)	Total/NA	Solid	Total BTEX	
890-1621-60	BH-60(4.5)	Total/NA	Solid	Total BTEX	
890-1621-61	BH-61(4.5)	Total/NA	Solid	Total BTEX	
890-1621-62	BH-62 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-63	BH-63 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-64	BH-64 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-65	BH-65(4.5)	Total/NA	Solid	Total BTEX	
890-1621-66	BH-66 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-67	BH-67 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-68	BH-68 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-69	BH-69 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-70	BH-70 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-71	BH-71 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-72	BH-72 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-73	BH-73 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-74	BH-74 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-75	BH-75 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-76	BH-76 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-77	BH-77 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-78	BH-78 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-79	BH-79 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-80	BH-80 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-81	BH-81 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-82	BH-82 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-83	BH-83 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-84	BH-84 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-85	BH-85 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-86	BH-86 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-87	BH-87 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-88	BH-88 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-89	BH-89 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-90	BH-90 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-91	BH-91 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-92	BH-92 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-93	BH-93 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-94	BH-94 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-95	BH-95 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-96	BH-96 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-97	BH-97 (4.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 14097 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-98	BH-98 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-99	BH-99 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-100	BH-100 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-101	BH-101 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-102	BH-102(4.5)	Total/NA	Solid	Total BTEX	
890-1621-103	BH-103(4.5)	Total/NA	Solid	Total BTEX	
890-1621-104	BH-104(4.5)	Total/NA	Solid	Total BTEX	
890-1621-105	BH-105(4.5)	Total/NA	Solid	Total BTEX	
890-1621-106	BH-106(4.5)	Total/NA	Solid	Total BTEX	
890-1621-107	BH-107(4.5)	Total/NA	Solid	Total BTEX	
890-1621-108	BH-108(4.5)	Total/NA	Solid	Total BTEX	
890-1621-109	BH-109(4.5)	Total/NA	Solid	Total BTEX	
890-1621-110	BH-110(4.5)	Total/NA	Solid	Total BTEX	
890-1621-111	BH-111(4.5)	Total/NA	Solid	Total BTEX	
890-1621-112	BH-112(4.5)	Total/NA	Solid	Total BTEX	
890-1621-113	BH-113(4.5)	Total/NA	Solid	Total BTEX	
890-1621-114	BH-114(4.5)	Total/NA	Solid	Total BTEX	
890-1621-115	BH-115(4.5)	Total/NA	Solid	Total BTEX	
890-1621-116	BH-116(4.5)	Total/NA	Solid	Total BTEX	
890-1621-117	BH-117(4.5)	Total/NA	Solid	Total BTEX	
890-1621-118	BH-118(4.5)	Total/NA	Solid	Total BTEX	
890-1621-119	BH-119(4.5)	Total/NA	Solid	Total BTEX	
890-1621-120	BH-120(4.5)	Total/NA	Solid	Total BTEX	
890-1621-121	BH-121(4.5)	Total/NA	Solid	Total BTEX	
890-1621-122	BH-122(4.5)	Total/NA	Solid	Total BTEX	
890-1621-123	BH-123(4.5)	Total/NA	Solid	Total BTEX	
890-1621-124	BH-124(4.5)	Total/NA	Solid	Total BTEX	
890-1621-125	BH-125(4.5)	Total/NA	Solid	Total BTEX	
890-1621-126	BH-126(4.5)	Total/NA	Solid	Total BTEX	
890-1621-127	BH-127(4.5)	Total/NA	Solid	Total BTEX	
890-1621-128	BH-128(4.5)	Total/NA	Solid	Total BTEX	
890-1621-129	BH-129(4.5)	Total/NA	Solid	Total BTEX	
890-1621-130	BH-130(4.5)	Total/NA	Solid	Total BTEX	
890-1621-131	BH-131(4.5)	Total/NA	Solid	Total BTEX	
890-1621-132	BH-132(4.5)	Total/NA	Solid	Total BTEX	
890-1621-133	BH-133(4.5)	Total/NA	Solid	Total BTEX	
890-1621-134	BH-134(4.5)	Total/NA	Solid	Total BTEX	
890-1621-135	BH-135(4.5)	Total/NA	Solid	Total BTEX	
890-1621-136	BH-136(4.5)	Total/NA	Solid	Total BTEX	
890-1621-137	BH-137(4.5)	Total/NA	Solid	Total BTEX	
890-1621-138	BH-138(4.5)	Total/NA	Solid	Total BTEX	
890-1621-139	BH-139(4.5)	Total/NA	Solid	Total BTEX	
890-1621-140	BH-140(4.5)	Total/NA	Solid	Total BTEX	
890-1621-141	BH-141(4.5)	Total/NA	Solid	Total BTEX	
890-1621-142	BH-142(4.5)	Total/NA	Solid	Total BTEX	
890-1621-143	BH-143(4.5)	Total/NA	Solid	Total BTEX	
890-1621-144	BH-144(4.5)	Total/NA	Solid	Total BTEX	
890-1621-145	BH-145(4.5)	Total/NA	Solid	Total BTEX	
890-1621-146	BH-146(4.5)	Total/NA	Solid	Total BTEX	
890-1621-147	BH-147(4.5)	Total/NA	Solid	Total BTEX	
890-1621-148	BH-148(4.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 14097 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-149	BH-149(4.5)	Total/NA	Solid	Total BTEX	
890-1621-150	BH-150(4.5)	Total/NA	Solid	Total BTEX	
890-1621-151	BH-151(4.5)	Total/NA	Solid	Total BTEX	
890-1621-152	BH-152(4.5)	Total/NA	Solid	Total BTEX	
890-1621-153	BH-153(4.5)	Total/NA	Solid	Total BTEX	
890-1621-154	BH-154 (4.5)	Total/NA	Solid	Total BTEX	
890-1621-155	BH-155(4.5)	Total/NA	Solid	Total BTEX	
890-1621-156	BH-156(4.5)	Total/NA	Solid	Total BTEX	
890-1621-157	BH-157(4.5)	Total/NA	Solid	Total BTEX	
890-1621-158	BH-158(4.5)	Total/NA	Solid	Total BTEX	
890-1621-159	BH-159(4.5)	Total/NA	Solid	Total BTEX	
890-1621-160	BH-160(4.5)	Total/NA	Solid	Total BTEX	
890-1621-161	BH-161(4.5)	Total/NA	Solid	Total BTEX	
890-1621-162	BH-162(4.5)	Total/NA	Solid	Total BTEX	
890-1621-163	BH-163(4.5)	Total/NA	Solid	Total BTEX	
890-1621-164	BH-164(4.5)	Total/NA	Solid	Total BTEX	
890-1621-165	BH-165(4.5)	Total/NA	Solid	Total BTEX	
890-1621-166	BH-166(4.5)	Total/NA	Solid	Total BTEX	
890-1621-167	BH-167(4.5)	Total/NA	Solid	Total BTEX	
890-1621-168	BH-168(4.5)	Total/NA	Solid	Total BTEX	
890-1621-169	BH-169(4.5)	Total/NA	Solid	Total BTEX	
890-1621-170	BH-170(4.5)	Total/NA	Solid	Total BTEX	
890-1621-171	BH-171(4.5)	Total/NA	Solid	Total BTEX	
890-1621-172	BH-172(4.5)	Total/NA	Solid	Total BTEX	
890-1621-173	BH-173(4.5)	Total/NA	Solid	Total BTEX	
890-1621-174	BH-174(4.5)	Total/NA	Solid	Total BTEX	
890-1621-175	BH-175(4.5)	Total/NA	Solid	Total BTEX	
890-1621-176	BH-176(4.5)	Total/NA	Solid	Total BTEX	
890-1621-177	BH-177(4.5)	Total/NA	Solid	Total BTEX	
890-1621-178	BH-178(4.5)	Total/NA	Solid	Total BTEX	
890-1621-179	BH-179(4.5)	Total/NA	Solid	Total BTEX	
890-1621-180	BH-180(4.5)	Total/NA	Solid	Total BTEX	
890-1621-181	BH-181(4.5)	Total/NA	Solid	Total BTEX	
890-1621-182	BH-182(4.5)	Total/NA	Solid	Total BTEX	
890-1621-183	BH-183(4.5)	Total/NA	Solid	Total BTEX	
890-1621-184	BH-184(4.5)	Total/NA	Solid	Total BTEX	
890-1621-185	BH-185(4.5)	Total/NA	Solid	Total BTEX	
890-1621-186	BH-186(4.5)	Total/NA	Solid	Total BTEX	
890-1621-187	BH-187(4.5)	Total/NA	Solid	Total BTEX	
890-1621-188	BH-188(4.5)	Total/NA	Solid	Total BTEX	
890-1621-189	BH-189(4.5)	Total/NA	Solid	Total BTEX	
890-1621-190	BH-190(4.5)	Total/NA	Solid	Total BTEX	
890-1621-191	BH-191(4.5)	Total/NA	Solid	Total BTEX	
890-1621-192	BH-192(4.5)	Total/NA	Solid	Total BTEX	
890-1621-193	BH-193(4.5)	Total/NA	Solid	Total BTEX	
890-1621-194	BH-194(4.5)	Total/NA	Solid	Total BTEX	
890-1621-195	BH-195(4.5)	Total/NA	Solid	Total BTEX	
890-1621-196	BH-196(4.5)	Total/NA	Solid	Total BTEX	
890-1621-197	BH-197(4.5)	Total/NA	Solid	Total BTEX	
890-1621-198	BH-198(4.5)	Total/NA	Solid	Total BTEX	
890-1621-199	BH-199(4.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 14097 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-200	BH-200(4.5)	Total/NA	Solid	Total BTEX	
890-1621-201	BH-201(4.5)	Total/NA	Solid	Total BTEX	
890-1621-202	BH-202(4.5)	Total/NA	Solid	Total BTEX	
890-1621-203	BH-203(4.5)	Total/NA	Solid	Total BTEX	
890-1621-204	BH-204(4.5)	Total/NA	Solid	Total BTEX	
890-1621-205	BH-205(4.5)	Total/NA	Solid	Total BTEX	
890-1621-206	BH-206(4.5)	Total/NA	Solid	Total BTEX	
890-1621-207	BH-207(4.5)	Total/NA	Solid	Total BTEX	
890-1621-208	BH-208(4.5)	Total/NA	Solid	Total BTEX	
890-1621-209	BH-20994.5)	Total/NA	Solid	Total BTEX	
890-1621-210	BH-210(4.5)	Total/NA	Solid	Total BTEX	
890-1621-211	BH-211(4.5)	Total/NA	Solid	Total BTEX	
890-1621-212	BH-212(4.5)	Total/NA	Solid	Total BTEX	
890-1621-213	BH-213(4.5)	Total/NA	Solid	Total BTEX	
890-1621-214	BH-214(4.5)	Total/NA	Solid	Total BTEX	
890-1621-215	BH-215(4.5)	Total/NA	Solid	Total BTEX	
890-1621-216	BH-216(4.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 13798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-61	BH-61(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-62	BH-62 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-63	BH-63 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-64	BH-64 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-65	BH-65(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-66	BH-66 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-67	BH-67 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-68	BH-68 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-69	BH-69 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-70	BH-70 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-71	BH-71 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-72	BH-72 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-73	BH-73 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-74	BH-74 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-75	BH-75 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-76	BH-76 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-77	BH-77 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-78	BH-78 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-79	BH-79 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-80	BH-80 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13798/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13798/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13798/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-61 MS	BH-61(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-61 MSD	BH-61(4.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 13799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-81	BH-81 (4.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 13799 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-82	BH-82 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-83	BH-83 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-84	BH-84 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-85	BH-85 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-86	BH-86 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-87	BH-87 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-88	BH-88 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-89	BH-89 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-90	BH-90 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-91	BH-91 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-92	BH-92 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-93	BH-93 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-94	BH-94 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-95	BH-95 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-96	BH-96 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-97	BH-97 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-98	BH-98 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-99	BH-99 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-100	BH-100 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13799/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13799/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13799/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-81 MS	BH-81 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-81 MSD	BH-81 (4.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 13800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-101	BH-101 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-102	BH-102(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-103	BH-103(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-104	BH-104(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-105	BH-105(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-106	BH-106(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-107	BH-107(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-108	BH-108(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-109	BH-109(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-110	BH-110(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-111	BH-111(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-112	BH-112(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-113	BH-113(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-114	BH-114(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-115	BH-115(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-116	BH-116(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-117	BH-117(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-118	BH-118(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-119	BH-119(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-120	BH-120(4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13800/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13800/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13800/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-101 MS	BH-101 (4.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 13800 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-101 MSD	BH-101 (4.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 13801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-121	BH-121(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-122	BH-122(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-123	BH-123(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-124	BH-124(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-125	BH-125(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-126	BH-126(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-127	BH-127(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-128	BH-128(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-129	BH-129(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-130	BH-130(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-131	BH-131(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-132	BH-132(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-133	BH-133(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-134	BH-134(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-135	BH-135(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-136	BH-136(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-137	BH-137(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-138	BH-138(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-139	BH-139(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-140	BH-140(4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13801/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13801/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13801/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-121 MS	BH-121(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-121 MSD	BH-121(4.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 13802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-141	BH-141(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-142	BH-142(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-143	BH-143(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-144	BH-144(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-145	BH-145(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-146	BH-146(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-147	BH-147(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-148	BH-148(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-149	BH-149(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-150	BH-150(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-151	BH-151(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-152	BH-152(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-153	BH-153(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-154	BH-154 (4.5)	Total/NA	Solid	8015NM Prep	
890-1621-155	BH-155(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-156	BH-156(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-157	BH-157(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-158	BH-158(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-159	BH-159(4.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 13802 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-160	BH-160(4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13802/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13802/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13802/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-141 MS	BH-141(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-141 MSD	BH-141(4.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 13804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-161	BH-161(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-162	BH-162(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-163	BH-163(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-164	BH-164(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-165	BH-165(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-166	BH-166(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-167	BH-167(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-168	BH-168(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-169	BH-169(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-170	BH-170(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-171	BH-171(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-172	BH-172(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-173	BH-173(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-174	BH-174(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-175	BH-175(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-176	BH-176(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-177	BH-177(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-178	BH-178(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-179	BH-179(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-180	BH-180(4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13804/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13804/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13804/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-161 MS	BH-161(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-161 MSD	BH-161(4.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 13811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-181	BH-181(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-182	BH-182(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-183	BH-183(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-184	BH-184(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-185	BH-185(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-186	BH-186(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-187	BH-187(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-188	BH-188(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-189	BH-189(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-190	BH-190(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-191	BH-191(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-192	BH-192(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-193	BH-193(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-194	BH-194(4.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 13811 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-195	BH-195(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-196	BH-196(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-197	BH-197(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-198	BH-198(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-199	BH-199(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-200	BH-200(4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13811/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13811/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13811/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-181 MS	BH-181(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-181 MSD	BH-181(4.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 13812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-56	BH-56(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-57	BH-57(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-58	BH-58(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-59	BH-59(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-201	BH-201(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-202	BH-202(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-203	BH-203(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-204	BH-204(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-205	BH-205(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-206	BH-206(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-207	BH-207(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-208	BH-208(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-209	BH-20994.5)	Total/NA	Solid	8015NM Prep	
890-1621-210	BH-210(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-211	BH-211(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-212	BH-212(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-213	BH-213(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-214	BH-214(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-215	BH-215(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-216	BH-216(4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13812/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13812/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13812/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-201 MS	BH-201(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-201 MSD	BH-201(4.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 13813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-60	BH-60(4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13813/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13813/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13813/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-60 MS	BH-60(4.5)	Total/NA	Solid	8015NM Prep	
890-1621-60 MSD	BH-60(4.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA

Analysis Batch: 13827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-60	BH-60(4.5)	Total/NA	Solid	8015B NM	13813
MB 880-13813/1-A	Method Blank	Total/NA	Solid	8015B NM	13813
LCS 880-13813/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13813
LCSD 880-13813/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13813
890-1621-60 MS	BH-60(4.5)	Total/NA	Solid	8015B NM	13813
890-1621-60 MSD	BH-60(4.5)	Total/NA	Solid	8015B NM	13813

Analysis Batch: 13917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-61	BH-61(4.5)	Total/NA	Solid	8015B NM	13798
890-1621-62	BH-62 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-63	BH-63 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-64	BH-64 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-65	BH-65(4.5)	Total/NA	Solid	8015B NM	13798
890-1621-66	BH-66 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-67	BH-67 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-68	BH-68 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-69	BH-69 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-70	BH-70 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-71	BH-71 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-72	BH-72 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-73	BH-73 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-74	BH-74 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-75	BH-75 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-76	BH-76 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-77	BH-77 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-78	BH-78 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-79	BH-79 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-80	BH-80 (4.5)	Total/NA	Solid	8015B NM	13798
890-1621-81	BH-81 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-82	BH-82 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-83	BH-83 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-84	BH-84 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-85	BH-85 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-86	BH-86 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-87	BH-87 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-88	BH-88 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-89	BH-89 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-90	BH-90 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-91	BH-91 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-92	BH-92 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-93	BH-93 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-94	BH-94 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-95	BH-95 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-96	BH-96 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-97	BH-97 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-98	BH-98 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-99	BH-99 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-100	BH-100 (4.5)	Total/NA	Solid	8015B NM	13799
MB 880-13798/1-A	Method Blank	Total/NA	Solid	8015B NM	13798
MB 880-13799/1-A	Method Blank	Total/NA	Solid	8015B NM	13799

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 13917 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-13798/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13798
LCS 880-13799/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13799
LCSD 880-13798/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13798
LCSD 880-13799/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13799
890-1621-61 MS	BH-61(4.5)	Total/NA	Solid	8015B NM	13798
890-1621-61 MSD	BH-61(4.5)	Total/NA	Solid	8015B NM	13798
890-1621-81 MS	BH-81 (4.5)	Total/NA	Solid	8015B NM	13799
890-1621-81 MSD	BH-81 (4.5)	Total/NA	Solid	8015B NM	13799

Analysis Batch: 13918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-101	BH-101 (4.5)	Total/NA	Solid	8015B NM	13800
890-1621-102	BH-102(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-103	BH-103(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-104	BH-104(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-105	BH-105(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-106	BH-106(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-107	BH-107(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-108	BH-108(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-109	BH-109(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-110	BH-110(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-111	BH-111(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-112	BH-112(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-113	BH-113(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-114	BH-114(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-115	BH-115(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-116	BH-116(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-117	BH-117(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-118	BH-118(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-119	BH-119(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-120	BH-120(4.5)	Total/NA	Solid	8015B NM	13800
890-1621-121	BH-121(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-122	BH-122(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-123	BH-123(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-124	BH-124(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-125	BH-125(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-126	BH-126(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-127	BH-127(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-128	BH-128(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-129	BH-129(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-130	BH-130(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-131	BH-131(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-132	BH-132(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-133	BH-133(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-134	BH-134(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-135	BH-135(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-136	BH-136(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-137	BH-137(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-138	BH-138(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-139	BH-139(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-140	BH-140(4.5)	Total/NA	Solid	8015B NM	13801

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 13918 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-13800/1-A	Method Blank	Total/NA	Solid	8015B NM	13800
MB 880-13801/1-A	Method Blank	Total/NA	Solid	8015B NM	13801
LCS 880-13800/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13800
LCS 880-13801/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13801
LCSD 880-13800/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13800
LCSD 880-13801/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13801
890-1621-101 MS	BH-101 (4.5)	Total/NA	Solid	8015B NM	13800
890-1621-101 MSD	BH-101 (4.5)	Total/NA	Solid	8015B NM	13800
890-1621-121 MS	BH-121(4.5)	Total/NA	Solid	8015B NM	13801
890-1621-121 MSD	BH-121(4.5)	Total/NA	Solid	8015B NM	13801

Analysis Batch: 13929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-141	BH-141(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-142	BH-142(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-143	BH-143(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-144	BH-144(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-145	BH-145(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-146	BH-146(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-147	BH-147(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-148	BH-148(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-149	BH-149(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-150	BH-150(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-151	BH-151(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-152	BH-152(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-153	BH-153(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-154	BH-154 (4.5)	Total/NA	Solid	8015B NM	13802
890-1621-155	BH-155(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-156	BH-156(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-157	BH-157(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-158	BH-158(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-159	BH-159(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-160	BH-160(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-161	BH-161(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-162	BH-162(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-163	BH-163(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-164	BH-164(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-165	BH-165(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-166	BH-166(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-167	BH-167(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-168	BH-168(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-169	BH-169(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-170	BH-170(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-171	BH-171(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-172	BH-172(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-173	BH-173(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-174	BH-174(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-175	BH-175(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-176	BH-176(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-177	BH-177(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-178	BH-178(4.5)	Total/NA	Solid	8015B NM	13804

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 13929 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-179	BH-179(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-180	BH-180(4.5)	Total/NA	Solid	8015B NM	13804
MB 880-13802/1-A	Method Blank	Total/NA	Solid	8015B NM	13802
MB 880-13804/1-A	Method Blank	Total/NA	Solid	8015B NM	13804
LCS 880-13802/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13802
LCS 880-13804/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13804
LCSD 880-13802/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13802
LCSD 880-13804/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13804
890-1621-141 MS	BH-141(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-141 MSD	BH-141(4.5)	Total/NA	Solid	8015B NM	13802
890-1621-161 MS	BH-161(4.5)	Total/NA	Solid	8015B NM	13804
890-1621-161 MSD	BH-161(4.5)	Total/NA	Solid	8015B NM	13804

Analysis Batch: 13930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-56	BH-56(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-57	BH-57(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-58	BH-58(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-59	BH-59(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-181	BH-181(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-182	BH-182(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-183	BH-183(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-184	BH-184(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-185	BH-185(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-186	BH-186(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-187	BH-187(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-188	BH-188(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-189	BH-189(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-190	BH-190(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-191	BH-191(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-192	BH-192(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-193	BH-193(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-194	BH-194(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-195	BH-195(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-196	BH-196(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-197	BH-197(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-198	BH-198(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-199	BH-199(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-200	BH-200(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-201	BH-201(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-202	BH-202(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-203	BH-203(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-204	BH-204(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-205	BH-205(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-206	BH-206(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-207	BH-207(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-208	BH-208(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-209	BH-20994.5)	Total/NA	Solid	8015B NM	13812
890-1621-210	BH-210(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-211	BH-211(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-212	BH-212(4.5)	Total/NA	Solid	8015B NM	13812

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 13930 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-213	BH-213(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-214	BH-214(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-215	BH-215(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-216	BH-216(4.5)	Total/NA	Solid	8015B NM	13812
MB 880-13811/1-A	Method Blank	Total/NA	Solid	8015B NM	13811
MB 880-13812/1-A	Method Blank	Total/NA	Solid	8015B NM	13812
LCS 880-13811/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13811
LCS 880-13812/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13812
LCSD 880-13811/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13811
LCSD 880-13812/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13812
890-1621-181 MS	BH-181(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-181 MSD	BH-181(4.5)	Total/NA	Solid	8015B NM	13811
890-1621-201 MS	BH-201(4.5)	Total/NA	Solid	8015B NM	13812
890-1621-201 MSD	BH-201(4.5)	Total/NA	Solid	8015B NM	13812

Analysis Batch: 14094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-56	BH-56(4.5)	Total/NA	Solid	8015 NM	
890-1621-57	BH-57(4.5)	Total/NA	Solid	8015 NM	
890-1621-58	BH-58(4.5)	Total/NA	Solid	8015 NM	
890-1621-59	BH-59(4.5)	Total/NA	Solid	8015 NM	
890-1621-60	BH-60(4.5)	Total/NA	Solid	8015 NM	
890-1621-61	BH-61(4.5)	Total/NA	Solid	8015 NM	
890-1621-62	BH-62 (4.5)	Total/NA	Solid	8015 NM	
890-1621-63	BH-63 (4.5)	Total/NA	Solid	8015 NM	
890-1621-64	BH-64 (4.5)	Total/NA	Solid	8015 NM	
890-1621-65	BH-65(4.5)	Total/NA	Solid	8015 NM	
890-1621-66	BH-66 (4.5)	Total/NA	Solid	8015 NM	
890-1621-67	BH-67 (4.5)	Total/NA	Solid	8015 NM	
890-1621-68	BH-68 (4.5)	Total/NA	Solid	8015 NM	
890-1621-69	BH-69 (4.5)	Total/NA	Solid	8015 NM	
890-1621-70	BH-70 (4.5)	Total/NA	Solid	8015 NM	
890-1621-71	BH-71 (4.5)	Total/NA	Solid	8015 NM	
890-1621-72	BH-72 (4.5)	Total/NA	Solid	8015 NM	
890-1621-73	BH-73 (4.5)	Total/NA	Solid	8015 NM	
890-1621-74	BH-74 (4.5)	Total/NA	Solid	8015 NM	
890-1621-75	BH-75 (4.5)	Total/NA	Solid	8015 NM	
890-1621-76	BH-76 (4.5)	Total/NA	Solid	8015 NM	
890-1621-77	BH-77 (4.5)	Total/NA	Solid	8015 NM	
890-1621-78	BH-78 (4.5)	Total/NA	Solid	8015 NM	
890-1621-79	BH-79 (4.5)	Total/NA	Solid	8015 NM	
890-1621-80	BH-80 (4.5)	Total/NA	Solid	8015 NM	
890-1621-81	BH-81 (4.5)	Total/NA	Solid	8015 NM	
890-1621-82	BH-82 (4.5)	Total/NA	Solid	8015 NM	
890-1621-83	BH-83 (4.5)	Total/NA	Solid	8015 NM	
890-1621-84	BH-84 (4.5)	Total/NA	Solid	8015 NM	
890-1621-85	BH-85 (4.5)	Total/NA	Solid	8015 NM	
890-1621-86	BH-86 (4.5)	Total/NA	Solid	8015 NM	
890-1621-87	BH-87 (4.5)	Total/NA	Solid	8015 NM	
890-1621-88	BH-88 (4.5)	Total/NA	Solid	8015 NM	
890-1621-89	BH-89 (4.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 14094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-90	BH-90 (4.5)	Total/NA	Solid	8015 NM	
890-1621-91	BH-91 (4.5)	Total/NA	Solid	8015 NM	
890-1621-92	BH-92 (4.5)	Total/NA	Solid	8015 NM	
890-1621-93	BH-93 (4.5)	Total/NA	Solid	8015 NM	
890-1621-94	BH-94 (4.5)	Total/NA	Solid	8015 NM	
890-1621-95	BH-95 (4.5)	Total/NA	Solid	8015 NM	
890-1621-96	BH-96 (4.5)	Total/NA	Solid	8015 NM	
890-1621-97	BH-97 (4.5)	Total/NA	Solid	8015 NM	
890-1621-98	BH-98 (4.5)	Total/NA	Solid	8015 NM	
890-1621-99	BH-99 (4.5)	Total/NA	Solid	8015 NM	
890-1621-100	BH-100 (4.5)	Total/NA	Solid	8015 NM	
890-1621-101	BH-101 (4.5)	Total/NA	Solid	8015 NM	
890-1621-102	BH-102(4.5)	Total/NA	Solid	8015 NM	
890-1621-103	BH-103(4.5)	Total/NA	Solid	8015 NM	
890-1621-104	BH-104(4.5)	Total/NA	Solid	8015 NM	
890-1621-105	BH-105(4.5)	Total/NA	Solid	8015 NM	
890-1621-106	BH-106(4.5)	Total/NA	Solid	8015 NM	
890-1621-107	BH-107(4.5)	Total/NA	Solid	8015 NM	
890-1621-108	BH-108(4.5)	Total/NA	Solid	8015 NM	
890-1621-109	BH-109(4.5)	Total/NA	Solid	8015 NM	
890-1621-110	BH-110(4.5)	Total/NA	Solid	8015 NM	
890-1621-111	BH-111(4.5)	Total/NA	Solid	8015 NM	
890-1621-112	BH-112(4.5)	Total/NA	Solid	8015 NM	
890-1621-113	BH-113(4.5)	Total/NA	Solid	8015 NM	
890-1621-114	BH-114(4.5)	Total/NA	Solid	8015 NM	
890-1621-115	BH-115(4.5)	Total/NA	Solid	8015 NM	
890-1621-116	BH-116(4.5)	Total/NA	Solid	8015 NM	
890-1621-117	BH-117(4.5)	Total/NA	Solid	8015 NM	
890-1621-118	BH-118(4.5)	Total/NA	Solid	8015 NM	
890-1621-119	BH-119(4.5)	Total/NA	Solid	8015 NM	
890-1621-120	BH-120(4.5)	Total/NA	Solid	8015 NM	
890-1621-121	BH-121(4.5)	Total/NA	Solid	8015 NM	
890-1621-122	BH-122(4.5)	Total/NA	Solid	8015 NM	
890-1621-123	BH-123(4.5)	Total/NA	Solid	8015 NM	
890-1621-124	BH-124(4.5)	Total/NA	Solid	8015 NM	
890-1621-125	BH-125(4.5)	Total/NA	Solid	8015 NM	
890-1621-126	BH-126(4.5)	Total/NA	Solid	8015 NM	
890-1621-127	BH-127(4.5)	Total/NA	Solid	8015 NM	
890-1621-128	BH-128(4.5)	Total/NA	Solid	8015 NM	
890-1621-129	BH-129(4.5)	Total/NA	Solid	8015 NM	
890-1621-130	BH-130(4.5)	Total/NA	Solid	8015 NM	
890-1621-131	BH-131(4.5)	Total/NA	Solid	8015 NM	
890-1621-132	BH-132(4.5)	Total/NA	Solid	8015 NM	
890-1621-133	BH-133(4.5)	Total/NA	Solid	8015 NM	
890-1621-134	BH-134(4.5)	Total/NA	Solid	8015 NM	
890-1621-135	BH-135(4.5)	Total/NA	Solid	8015 NM	
890-1621-136	BH-136(4.5)	Total/NA	Solid	8015 NM	
890-1621-137	BH-137(4.5)	Total/NA	Solid	8015 NM	
890-1621-138	BH-138(4.5)	Total/NA	Solid	8015 NM	
890-1621-139	BH-139(4.5)	Total/NA	Solid	8015 NM	
890-1621-140	BH-140(4.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 14094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-141	BH-141(4.5)	Total/NA	Solid	8015 NM	
890-1621-142	BH-142(4.5)	Total/NA	Solid	8015 NM	
890-1621-143	BH-143(4.5)	Total/NA	Solid	8015 NM	
890-1621-144	BH-144(4.5)	Total/NA	Solid	8015 NM	
890-1621-145	BH-145(4.5)	Total/NA	Solid	8015 NM	
890-1621-146	BH-146(4.5)	Total/NA	Solid	8015 NM	
890-1621-147	BH-147(4.5)	Total/NA	Solid	8015 NM	
890-1621-148	BH-148(4.5)	Total/NA	Solid	8015 NM	
890-1621-149	BH-149(4.5)	Total/NA	Solid	8015 NM	
890-1621-150	BH-150(4.5)	Total/NA	Solid	8015 NM	
890-1621-151	BH-151(4.5)	Total/NA	Solid	8015 NM	
890-1621-152	BH-152(4.5)	Total/NA	Solid	8015 NM	
890-1621-153	BH-153(4.5)	Total/NA	Solid	8015 NM	
890-1621-154	BH-154 (4.5)	Total/NA	Solid	8015 NM	
890-1621-155	BH-155(4.5)	Total/NA	Solid	8015 NM	
890-1621-156	BH-156(4.5)	Total/NA	Solid	8015 NM	
890-1621-157	BH-157(4.5)	Total/NA	Solid	8015 NM	
890-1621-158	BH-158(4.5)	Total/NA	Solid	8015 NM	
890-1621-159	BH-159(4.5)	Total/NA	Solid	8015 NM	
890-1621-160	BH-160(4.5)	Total/NA	Solid	8015 NM	
890-1621-161	BH-161(4.5)	Total/NA	Solid	8015 NM	
890-1621-162	BH-162(4.5)	Total/NA	Solid	8015 NM	
890-1621-163	BH-163(4.5)	Total/NA	Solid	8015 NM	
890-1621-164	BH-164(4.5)	Total/NA	Solid	8015 NM	
890-1621-165	BH-165(4.5)	Total/NA	Solid	8015 NM	
890-1621-166	BH-166(4.5)	Total/NA	Solid	8015 NM	
890-1621-167	BH-167(4.5)	Total/NA	Solid	8015 NM	
890-1621-168	BH-168(4.5)	Total/NA	Solid	8015 NM	
890-1621-169	BH-169(4.5)	Total/NA	Solid	8015 NM	
890-1621-170	BH-170(4.5)	Total/NA	Solid	8015 NM	
890-1621-171	BH-171(4.5)	Total/NA	Solid	8015 NM	
890-1621-172	BH-172(4.5)	Total/NA	Solid	8015 NM	
890-1621-173	BH-173(4.5)	Total/NA	Solid	8015 NM	
890-1621-174	BH-174(4.5)	Total/NA	Solid	8015 NM	
890-1621-175	BH-175(4.5)	Total/NA	Solid	8015 NM	
890-1621-176	BH-176(4.5)	Total/NA	Solid	8015 NM	
890-1621-177	BH-177(4.5)	Total/NA	Solid	8015 NM	
890-1621-178	BH-178(4.5)	Total/NA	Solid	8015 NM	
890-1621-179	BH-179(4.5)	Total/NA	Solid	8015 NM	
890-1621-180	BH-180(4.5)	Total/NA	Solid	8015 NM	
890-1621-181	BH-181(4.5)	Total/NA	Solid	8015 NM	
890-1621-182	BH-182(4.5)	Total/NA	Solid	8015 NM	
890-1621-183	BH-183(4.5)	Total/NA	Solid	8015 NM	
890-1621-184	BH-184(4.5)	Total/NA	Solid	8015 NM	
890-1621-185	BH-185(4.5)	Total/NA	Solid	8015 NM	
890-1621-186	BH-186(4.5)	Total/NA	Solid	8015 NM	
890-1621-187	BH-187(4.5)	Total/NA	Solid	8015 NM	
890-1621-188	BH-188(4.5)	Total/NA	Solid	8015 NM	
890-1621-189	BH-189(4.5)	Total/NA	Solid	8015 NM	
890-1621-190	BH-190(4.5)	Total/NA	Solid	8015 NM	
890-1621-191	BH-191(4.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 14094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-192	BH-192(4.5)	Total/NA	Solid	8015 NM	
890-1621-193	BH-193(4.5)	Total/NA	Solid	8015 NM	
890-1621-194	BH-194(4.5)	Total/NA	Solid	8015 NM	
890-1621-195	BH-195(4.5)	Total/NA	Solid	8015 NM	
890-1621-196	BH-196(4.5)	Total/NA	Solid	8015 NM	
890-1621-197	BH-197(4.5)	Total/NA	Solid	8015 NM	
890-1621-198	BH-198(4.5)	Total/NA	Solid	8015 NM	
890-1621-199	BH-199(4.5)	Total/NA	Solid	8015 NM	
890-1621-200	BH-200(4.5)	Total/NA	Solid	8015 NM	
890-1621-201	BH-201(4.5)	Total/NA	Solid	8015 NM	
890-1621-202	BH-202(4.5)	Total/NA	Solid	8015 NM	
890-1621-203	BH-203(4.5)	Total/NA	Solid	8015 NM	
890-1621-204	BH-204(4.5)	Total/NA	Solid	8015 NM	
890-1621-205	BH-205(4.5)	Total/NA	Solid	8015 NM	
890-1621-206	BH-206(4.5)	Total/NA	Solid	8015 NM	
890-1621-207	BH-207(4.5)	Total/NA	Solid	8015 NM	
890-1621-208	BH-208(4.5)	Total/NA	Solid	8015 NM	
890-1621-209	BH-20994.5)	Total/NA	Solid	8015 NM	
890-1621-210	BH-210(4.5)	Total/NA	Solid	8015 NM	
890-1621-211	BH-211(4.5)	Total/NA	Solid	8015 NM	
890-1621-212	BH-212(4.5)	Total/NA	Solid	8015 NM	
890-1621-213	BH-213(4.5)	Total/NA	Solid	8015 NM	
890-1621-214	BH-214(4.5)	Total/NA	Solid	8015 NM	
890-1621-215	BH-215(4.5)	Total/NA	Solid	8015 NM	
890-1621-216	BH-216(4.5)	Total/NA	Solid	8015 NM	

Analysis Batch: 31888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-1	BH-1 (2)	Total/NA	Solid	8015B NM	32005
890-1621-2	BH-2 (2)	Total/NA	Solid	8015B NM	32005
890-1621-3	BH-3 (2)	Total/NA	Solid	8015B NM	32005
890-1621-4	BH-4 (2)	Total/NA	Solid	8015B NM	32005
890-1621-5	BH-5 (2)	Total/NA	Solid	8015B NM	32005
890-1621-6	BH-6 (2)	Total/NA	Solid	8015B NM	32005
890-1621-7	BH-7 (2)	Total/NA	Solid	8015B NM	32005
890-1621-8	BH-8 (2)	Total/NA	Solid	8015B NM	32005
890-1621-9	BH-9 (2)	Total/NA	Solid	8015B NM	32005
890-1621-10	BH-10 (2)	Total/NA	Solid	8015B NM	32005
890-1621-11	BH-11 (2)	Total/NA	Solid	8015B NM	32005
890-1621-12	BH-12 (2)	Total/NA	Solid	8015B NM	32005
890-1621-13	BH-13 (2)	Total/NA	Solid	8015B NM	32005
890-1621-14	BH-14 (2)	Total/NA	Solid	8015B NM	32005
890-1621-15	BH-15 (2)	Total/NA	Solid	8015B NM	32005
890-1621-16	BH-16 (2)	Total/NA	Solid	8015B NM	32005
890-1621-17	BH-17 (2)	Total/NA	Solid	8015B NM	32005
890-1621-18	BH-18 (2)	Total/NA	Solid	8015B NM	32005
890-1621-19	BH-19 (2)	Total/NA	Solid	8015B NM	32005
MB 860-32005/1-A	Method Blank	Total/NA	Solid	8015B NM	32005
LCS 860-32005/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32005
LCSD 860-32005/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32005
890-1621-1 MS	BH-1 (2)	Total/NA	Solid	8015B NM	32005

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 31888 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-1 MSD	BH-1 (2)	Total/NA	Solid	8015B NM	32005

Prep Batch: 32005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-1	BH-1 (2)	Total/NA	Solid	8015NM Prep	
890-1621-2	BH-2 (2)	Total/NA	Solid	8015NM Prep	
890-1621-3	BH-3 (2)	Total/NA	Solid	8015NM Prep	
890-1621-4	BH-4 (2)	Total/NA	Solid	8015NM Prep	
890-1621-5	BH-5 (2)	Total/NA	Solid	8015NM Prep	
890-1621-6	BH-6 (2)	Total/NA	Solid	8015NM Prep	
890-1621-7	BH-7 (2)	Total/NA	Solid	8015NM Prep	
890-1621-8	BH-8 (2)	Total/NA	Solid	8015NM Prep	
890-1621-9	BH-9 (2)	Total/NA	Solid	8015NM Prep	
890-1621-10	BH-10 (2)	Total/NA	Solid	8015NM Prep	
890-1621-11	BH-11 (2)	Total/NA	Solid	8015NM Prep	
890-1621-12	BH-12 (2)	Total/NA	Solid	8015NM Prep	
890-1621-13	BH-13 (2)	Total/NA	Solid	8015NM Prep	
890-1621-14	BH-14 (2)	Total/NA	Solid	8015NM Prep	
890-1621-15	BH-15 (2)	Total/NA	Solid	8015NM Prep	
890-1621-16	BH-16 (2)	Total/NA	Solid	8015NM Prep	
890-1621-17	BH-17 (2)	Total/NA	Solid	8015NM Prep	
890-1621-18	BH-18 (2)	Total/NA	Solid	8015NM Prep	
890-1621-19	BH-19 (2)	Total/NA	Solid	8015NM Prep	
890-1621-20 - RA	BH-20 (2)	Total/NA	Solid	8015NM Prep	
MB 860-32005/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 860-32005/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 860-32005/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-1 MS	BH-1 (2)	Total/NA	Solid	8015NM Prep	
890-1621-1 MSD	BH-1 (2)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-20 - RA	BH-20 (2)	Total/NA	Solid	8015B NM	32005
890-1621-240	SW-24	Total/NA	Solid	8015B NM	32235
890-1621-241	SW-25	Total/NA	Solid	8015B NM	32235
890-1621-242	SW-26	Total/NA	Solid	8015B NM	32235
890-1621-243	SW-27	Total/NA	Solid	8015B NM	32235
890-1621-244	SW-28	Total/NA	Solid	8015B NM	32235
890-1621-245	SW-29	Total/NA	Solid	8015B NM	32235
890-1621-246	SW-30	Total/NA	Solid	8015B NM	32235
890-1621-247	SW-31	Total/NA	Solid	8015B NM	32235

Analysis Batch: 32219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-1	BH-1 (2)	Total/NA	Solid	8015 NM	
890-1621-2	BH-2 (2)	Total/NA	Solid	8015 NM	
890-1621-3	BH-3 (2)	Total/NA	Solid	8015 NM	
890-1621-4	BH-4 (2)	Total/NA	Solid	8015 NM	
890-1621-5	BH-5 (2)	Total/NA	Solid	8015 NM	
890-1621-6	BH-6 (2)	Total/NA	Solid	8015 NM	
890-1621-7	BH-7 (2)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 32219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-8	BH-8 (2)	Total/NA	Solid	8015 NM	
890-1621-9	BH-9 (2)	Total/NA	Solid	8015 NM	
890-1621-10	BH-10 (2)	Total/NA	Solid	8015 NM	
890-1621-11	BH-11 (2)	Total/NA	Solid	8015 NM	
890-1621-12	BH-12 (2)	Total/NA	Solid	8015 NM	
890-1621-13	BH-13 (2)	Total/NA	Solid	8015 NM	
890-1621-14	BH-14 (2)	Total/NA	Solid	8015 NM	
890-1621-15	BH-15 (2)	Total/NA	Solid	8015 NM	
890-1621-16	BH-16 (2)	Total/NA	Solid	8015 NM	
890-1621-17	BH-17 (2)	Total/NA	Solid	8015 NM	
890-1621-18	BH-18 (2)	Total/NA	Solid	8015 NM	
890-1621-19	BH-19 (2)	Total/NA	Solid	8015 NM	
890-1621-20	BH-20 (2)	Total/NA	Solid	8015 NM	
890-1621-21	BH-21 (3)	Total/NA	Solid	8015 NM	
890-1621-22	BH-22 (3)	Total/NA	Solid	8015 NM	
890-1621-23	BH-23 (3)	Total/NA	Solid	8015 NM	
890-1621-24	BH-24 (3)	Total/NA	Solid	8015 NM	
890-1621-25	BH-25(3)	Total/NA	Solid	8015 NM	
890-1621-26	BH-26(3)	Total/NA	Solid	8015 NM	
890-1621-27	BH-27(3)	Total/NA	Solid	8015 NM	
890-1621-28	BH-28(3)	Total/NA	Solid	8015 NM	
890-1621-29	BH-29(3)	Total/NA	Solid	8015 NM	
890-1621-30	BH-30(3)	Total/NA	Solid	8015 NM	
890-1621-31	BH-31(3)	Total/NA	Solid	8015 NM	
890-1621-32	BH-32(3)	Total/NA	Solid	8015 NM	
890-1621-33	BH-33(3)	Total/NA	Solid	8015 NM	
890-1621-34	BH-34(3)	Total/NA	Solid	8015 NM	
890-1621-35	BH-35(3)	Total/NA	Solid	8015 NM	
890-1621-36	BH-36(3)	Total/NA	Solid	8015 NM	
890-1621-37	BH-37(3)	Total/NA	Solid	8015 NM	
890-1621-38	BH-38(3)	Total/NA	Solid	8015 NM	
890-1621-39	BH-39(3)	Total/NA	Solid	8015 NM	
890-1621-40	BH-40(3)	Total/NA	Solid	8015 NM	
890-1621-41	BH-41(3)	Total/NA	Solid	8015 NM	
890-1621-42	BH-42(3)	Total/NA	Solid	8015 NM	
890-1621-43	BH-43(3)	Total/NA	Solid	8015 NM	
890-1621-44	BH-44(3)	Total/NA	Solid	8015 NM	
890-1621-45	BH-45(3)	Total/NA	Solid	8015 NM	
890-1621-46	BH-46(3)	Total/NA	Solid	8015 NM	
890-1621-47	BH-47(3)	Total/NA	Solid	8015 NM	
890-1621-48	BH-48(3)	Total/NA	Solid	8015 NM	
890-1621-49	BH-49(3)	Total/NA	Solid	8015 NM	
890-1621-50	BH-50(3)	Total/NA	Solid	8015 NM	
890-1621-51	BH-51(3)	Total/NA	Solid	8015 NM	
890-1621-52	BH-52(3)	Total/NA	Solid	8015 NM	
890-1621-53	BH-53(3)	Total/NA	Solid	8015 NM	
890-1621-54	BH-54(3)	Total/NA	Solid	8015 NM	
890-1621-55	BH-55(3)	Total/NA	Solid	8015 NM	
890-1621-217	SW-1	Total/NA	Solid	8015 NM	
890-1621-218	SW-2	Total/NA	Solid	8015 NM	
890-1621-219	SW-3	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 32219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-220	SW-4	Total/NA	Solid	8015 NM	
890-1621-221	SW-5	Total/NA	Solid	8015 NM	
890-1621-222	SW-6	Total/NA	Solid	8015 NM	
890-1621-223	SW-7	Total/NA	Solid	8015 NM	
890-1621-224	SW-8	Total/NA	Solid	8015 NM	
890-1621-225	SW-9	Total/NA	Solid	8015 NM	
890-1621-226	SW-10	Total/NA	Solid	8015 NM	
890-1621-227	SW-11	Total/NA	Solid	8015 NM	
890-1621-228	SW-12	Total/NA	Solid	8015 NM	
890-1621-229	SW-13	Total/NA	Solid	8015 NM	
890-1621-230	SW-14	Total/NA	Solid	8015 NM	
890-1621-231	SW-15	Total/NA	Solid	8015 NM	
890-1621-232	SW-16	Total/NA	Solid	8015 NM	
890-1621-233	SW-17	Total/NA	Solid	8015 NM	
890-1621-234	SW-18	Total/NA	Solid	8015 NM	
890-1621-235	SW-19	Total/NA	Solid	8015 NM	
890-1621-236	SW-20	Total/NA	Solid	8015 NM	
890-1621-237	SW-21	Total/NA	Solid	8015 NM	
890-1621-238	SW-22	Total/NA	Solid	8015 NM	
890-1621-239	SW-23	Total/NA	Solid	8015 NM	
890-1621-240	SW-24	Total/NA	Solid	8015 NM	
890-1621-241	SW-25	Total/NA	Solid	8015 NM	
890-1621-242	SW-26	Total/NA	Solid	8015 NM	
890-1621-243	SW-27	Total/NA	Solid	8015 NM	
890-1621-244	SW-28	Total/NA	Solid	8015 NM	
890-1621-245	SW-29	Total/NA	Solid	8015 NM	
890-1621-246	SW-30	Total/NA	Solid	8015 NM	
890-1621-247	SW-31	Total/NA	Solid	8015 NM	

Prep Batch: 32233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-217	SW-1	Total/NA	Solid	8015NM Prep	
890-1621-218	SW-2	Total/NA	Solid	8015NM Prep	
890-1621-219	SW-3	Total/NA	Solid	8015NM Prep	
890-1621-220	SW-4	Total/NA	Solid	8015NM Prep	
890-1621-221	SW-5	Total/NA	Solid	8015NM Prep	
890-1621-222	SW-6	Total/NA	Solid	8015NM Prep	
890-1621-223	SW-7	Total/NA	Solid	8015NM Prep	
890-1621-224	SW-8	Total/NA	Solid	8015NM Prep	
890-1621-225	SW-9	Total/NA	Solid	8015NM Prep	
890-1621-226	SW-10	Total/NA	Solid	8015NM Prep	
890-1621-227	SW-11	Total/NA	Solid	8015NM Prep	
890-1621-228	SW-12	Total/NA	Solid	8015NM Prep	
890-1621-229	SW-13	Total/NA	Solid	8015NM Prep	
890-1621-230	SW-14	Total/NA	Solid	8015NM Prep	
890-1621-231	SW-15	Total/NA	Solid	8015NM Prep	
890-1621-232	SW-16	Total/NA	Solid	8015NM Prep	
890-1621-233	SW-17	Total/NA	Solid	8015NM Prep	
890-1621-234	SW-18	Total/NA	Solid	8015NM Prep	
890-1621-235	SW-19	Total/NA	Solid	8015NM Prep	
890-1621-236	SW-20	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 32233 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-32233/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 860-32233/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 860-32233/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-217 MS	SW-1	Total/NA	Solid	8015NM Prep	
890-1621-217 MSD	SW-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 32235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-237	SW-21	Total/NA	Solid	8015NM Prep	
890-1621-238	SW-22	Total/NA	Solid	8015NM Prep	
890-1621-239	SW-23	Total/NA	Solid	8015NM Prep	
890-1621-240	SW-24	Total/NA	Solid	8015NM Prep	
890-1621-241	SW-25	Total/NA	Solid	8015NM Prep	
890-1621-242	SW-26	Total/NA	Solid	8015NM Prep	
890-1621-243	SW-27	Total/NA	Solid	8015NM Prep	
890-1621-244	SW-28	Total/NA	Solid	8015NM Prep	
890-1621-245	SW-29	Total/NA	Solid	8015NM Prep	
890-1621-246	SW-30	Total/NA	Solid	8015NM Prep	
890-1621-247	SW-31	Total/NA	Solid	8015NM Prep	
MB 860-32235/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 860-32235/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 860-32235/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-237 MS	SW-21	Total/NA	Solid	8015NM Prep	
890-1621-237 MSD	SW-21	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-217	SW-1	Total/NA	Solid	8015B NM	32233
890-1621-218	SW-2	Total/NA	Solid	8015B NM	32233
890-1621-219	SW-3	Total/NA	Solid	8015B NM	32233
890-1621-220	SW-4	Total/NA	Solid	8015B NM	32233
890-1621-221	SW-5	Total/NA	Solid	8015B NM	32233
890-1621-222	SW-6	Total/NA	Solid	8015B NM	32233
890-1621-223	SW-7	Total/NA	Solid	8015B NM	32233
890-1621-224	SW-8	Total/NA	Solid	8015B NM	32233
890-1621-225	SW-9	Total/NA	Solid	8015B NM	32233
890-1621-226	SW-10	Total/NA	Solid	8015B NM	32233
890-1621-227	SW-11	Total/NA	Solid	8015B NM	32233
890-1621-228	SW-12	Total/NA	Solid	8015B NM	32233
890-1621-229	SW-13	Total/NA	Solid	8015B NM	32233
890-1621-230	SW-14	Total/NA	Solid	8015B NM	32233
890-1621-231	SW-15	Total/NA	Solid	8015B NM	32233
890-1621-232	SW-16	Total/NA	Solid	8015B NM	32233
890-1621-233	SW-17	Total/NA	Solid	8015B NM	32233
890-1621-234	SW-18	Total/NA	Solid	8015B NM	32233
890-1621-235	SW-19	Total/NA	Solid	8015B NM	32233
890-1621-236	SW-20	Total/NA	Solid	8015B NM	32233
MB 860-32233/1-A	Method Blank	Total/NA	Solid	8015B NM	32233
LCS 860-32233/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32233
LCSD 860-32233/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32233
890-1621-217 MS	SW-1	Total/NA	Solid	8015B NM	32233

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 32238 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-217 MSD	SW-1	Total/NA	Solid	8015B NM	32233

Analysis Batch: 32280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-36	BH-36(3)	Total/NA	Solid	8015B NM	32360
890-1621-37	BH-37(3)	Total/NA	Solid	8015B NM	32360
890-1621-38	BH-38(3)	Total/NA	Solid	8015B NM	32360
890-1621-39	BH-39(3)	Total/NA	Solid	8015B NM	32360
890-1621-237	SW-21	Total/NA	Solid	8015B NM	32235
890-1621-238	SW-22	Total/NA	Solid	8015B NM	32235
890-1621-239	SW-23	Total/NA	Solid	8015B NM	32235
MB 860-32235/1-A	Method Blank	Total/NA	Solid	8015B NM	32235
LCS 860-32235/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32235
LCSD 860-32235/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32235
890-1621-237 MS	SW-21	Total/NA	Solid	8015B NM	32235
890-1621-237 MSD	SW-21	Total/NA	Solid	8015B NM	32235

Analysis Batch: 32319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-40	BH-40(3)	Total/NA	Solid	8015B NM	32364
890-1621-41	BH-41(3)	Total/NA	Solid	8015B NM	32364
890-1621-42	BH-42(3)	Total/NA	Solid	8015B NM	32364
890-1621-43	BH-43(3)	Total/NA	Solid	8015B NM	32364
890-1621-44	BH-44(3)	Total/NA	Solid	8015B NM	32364
890-1621-45	BH-45(3)	Total/NA	Solid	8015B NM	32364
890-1621-46	BH-46(3)	Total/NA	Solid	8015B NM	32364
890-1621-47	BH-47(3)	Total/NA	Solid	8015B NM	32364
890-1621-48	BH-48(3)	Total/NA	Solid	8015B NM	32364
890-1621-49	BH-49(3)	Total/NA	Solid	8015B NM	32364
890-1621-50	BH-50(3)	Total/NA	Solid	8015B NM	32364
890-1621-51	BH-51(3)	Total/NA	Solid	8015B NM	32364
MB 860-32364/1-A	Method Blank	Total/NA	Solid	8015B NM	32364
LCS 860-32364/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32364
LCSD 860-32364/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32364
890-1621-40 MS	BH-40(3)	Total/NA	Solid	8015B NM	32364
890-1621-40 MSD	BH-40(3)	Total/NA	Solid	8015B NM	32364

Prep Batch: 32360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-21 - RA	BH-21 (3)	Total/NA	Solid	8015NM Prep	
890-1621-22 - RA	BH-22 (3)	Total/NA	Solid	8015NM Prep	
890-1621-23 - RA	BH-23 (3)	Total/NA	Solid	8015NM Prep	
890-1621-24 - RA	BH-24 (3)	Total/NA	Solid	8015NM Prep	
890-1621-25 - RA	BH-25(3)	Total/NA	Solid	8015NM Prep	
890-1621-26 - RA	BH-26(3)	Total/NA	Solid	8015NM Prep	
890-1621-27 - RA	BH-27(3)	Total/NA	Solid	8015NM Prep	
890-1621-28 - RA	BH-28(3)	Total/NA	Solid	8015NM Prep	
890-1621-29 - RA	BH-29(3)	Total/NA	Solid	8015NM Prep	
890-1621-30 - RA	BH-30(3)	Total/NA	Solid	8015NM Prep	
890-1621-31 - RA	BH-31(3)	Total/NA	Solid	8015NM Prep	
890-1621-32 - RA	BH-32(3)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 32360 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-33 - RA	BH-33(3)	Total/NA	Solid	8015NM Prep	
890-1621-34 - RA	BH-34(3)	Total/NA	Solid	8015NM Prep	
890-1621-35 - RA	BH-35(3)	Total/NA	Solid	8015NM Prep	
890-1621-36	BH-36(3)	Total/NA	Solid	8015NM Prep	
890-1621-37	BH-37(3)	Total/NA	Solid	8015NM Prep	
890-1621-38	BH-38(3)	Total/NA	Solid	8015NM Prep	
890-1621-39	BH-39(3)	Total/NA	Solid	8015NM Prep	
MB 860-32360/1-A - RA	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 860-32360/2-A - RA	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 860-32360/3-A - RA	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-21 MS	BH-21 (3)	Total/NA	Solid	8015NM Prep	
890-1621-21 MSD	BH-21 (3)	Total/NA	Solid	8015NM Prep	

Prep Batch: 32364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-40	BH-40(3)	Total/NA	Solid	8015NM Prep	
890-1621-41	BH-41(3)	Total/NA	Solid	8015NM Prep	
890-1621-42	BH-42(3)	Total/NA	Solid	8015NM Prep	
890-1621-43	BH-43(3)	Total/NA	Solid	8015NM Prep	
890-1621-44	BH-44(3)	Total/NA	Solid	8015NM Prep	
890-1621-45	BH-45(3)	Total/NA	Solid	8015NM Prep	
890-1621-46	BH-46(3)	Total/NA	Solid	8015NM Prep	
890-1621-47	BH-47(3)	Total/NA	Solid	8015NM Prep	
890-1621-48	BH-48(3)	Total/NA	Solid	8015NM Prep	
890-1621-49	BH-49(3)	Total/NA	Solid	8015NM Prep	
890-1621-50	BH-50(3)	Total/NA	Solid	8015NM Prep	
890-1621-51	BH-51(3)	Total/NA	Solid	8015NM Prep	
890-1621-52	BH-52(3)	Total/NA	Solid	8015NM Prep	
890-1621-53	BH-53(3)	Total/NA	Solid	8015NM Prep	
890-1621-54	BH-54(3)	Total/NA	Solid	8015NM Prep	
890-1621-55	BH-55(3)	Total/NA	Solid	8015NM Prep	
MB 860-32364/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 860-32364/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 860-32364/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-40 MS	BH-40(3)	Total/NA	Solid	8015NM Prep	
890-1621-40 MSD	BH-40(3)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-52	BH-52(3)	Total/NA	Solid	8015B NM	32364
890-1621-53	BH-53(3)	Total/NA	Solid	8015B NM	32364
890-1621-54	BH-54(3)	Total/NA	Solid	8015B NM	32364
890-1621-55	BH-55(3)	Total/NA	Solid	8015B NM	32364

Analysis Batch: 32465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-21 - RA	BH-21 (3)	Total/NA	Solid	8015B NM	32360
890-1621-22 - RA	BH-22 (3)	Total/NA	Solid	8015B NM	32360
890-1621-23 - RA	BH-23 (3)	Total/NA	Solid	8015B NM	32360
890-1621-24 - RA	BH-24 (3)	Total/NA	Solid	8015B NM	32360
890-1621-25 - RA	BH-25(3)	Total/NA	Solid	8015B NM	32360

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 32465 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-26 - RA	BH-26(3)	Total/NA	Solid	8015B NM	32360
890-1621-27 - RA	BH-27(3)	Total/NA	Solid	8015B NM	32360
890-1621-28 - RA	BH-28(3)	Total/NA	Solid	8015B NM	32360
890-1621-29 - RA	BH-29(3)	Total/NA	Solid	8015B NM	32360
MB 860-32360/1-A - RA	Method Blank	Total/NA	Solid	8015B NM	32360
LCS 860-32360/2-A - RA	Lab Control Sample	Total/NA	Solid	8015B NM	32360
LCSD 860-32360/3-A - RA	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32360
890-1621-21 MS	BH-21 (3)	Total/NA	Solid	8015B NM	32360
890-1621-21 MSD	BH-21 (3)	Total/NA	Solid	8015B NM	32360

Analysis Batch: 32488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-30 - RA	BH-30(3)	Total/NA	Solid	8015B NM	32360
890-1621-31 - RA	BH-31(3)	Total/NA	Solid	8015B NM	32360
890-1621-32 - RA	BH-32(3)	Total/NA	Solid	8015B NM	32360
890-1621-33 - RA	BH-33(3)	Total/NA	Solid	8015B NM	32360
890-1621-34 - RA	BH-34(3)	Total/NA	Solid	8015B NM	32360
890-1621-35 - RA	BH-35(3)	Total/NA	Solid	8015B NM	32360

HPLC/IC

Leach Batch: 13321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-100	BH-100 (4.5)	Soluble	Solid	DI Leach	
890-1621-101	BH-101 (4.5)	Soluble	Solid	DI Leach	
890-1621-102	BH-102(4.5)	Soluble	Solid	DI Leach	
890-1621-103	BH-103(4.5)	Soluble	Solid	DI Leach	
890-1621-104	BH-104(4.5)	Soluble	Solid	DI Leach	
MB 880-13321/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13321/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13321/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-8627-A-2-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-8627-A-2-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-8635-A-6-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-8635-A-6-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 13322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-127	BH-127(4.5)	Soluble	Solid	DI Leach	
890-1621-128	BH-128(4.5)	Soluble	Solid	DI Leach	
890-1621-129	BH-129(4.5)	Soluble	Solid	DI Leach	
890-1621-130	BH-130(4.5)	Soluble	Solid	DI Leach	
890-1621-131	BH-131(4.5)	Soluble	Solid	DI Leach	
890-1621-132	BH-132(4.5)	Soluble	Solid	DI Leach	
890-1621-133	BH-133(4.5)	Soluble	Solid	DI Leach	
890-1621-134	BH-134(4.5)	Soluble	Solid	DI Leach	
890-1621-135	BH-135(4.5)	Soluble	Solid	DI Leach	
890-1621-136	BH-136(4.5)	Soluble	Solid	DI Leach	
890-1621-137	BH-137(4.5)	Soluble	Solid	DI Leach	
890-1621-138	BH-138(4.5)	Soluble	Solid	DI Leach	
890-1621-139	BH-139(4.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 13322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-180	BH-180(4.5)	Soluble	Solid	DI Leach	
890-1621-181	BH-181(4.5)	Soluble	Solid	DI Leach	
890-1621-182	BH-182(4.5)	Soluble	Solid	DI Leach	
890-1621-183	BH-183(4.5)	Soluble	Solid	DI Leach	
890-1621-184	BH-184(4.5)	Soluble	Solid	DI Leach	
890-1621-185	BH-185(4.5)	Soluble	Solid	DI Leach	
890-1621-186	BH-186(4.5)	Soluble	Solid	DI Leach	
MB 880-13322/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13322/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13322/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1621-127 MS	BH-127(4.5)	Soluble	Solid	DI Leach	
890-1621-127 MSD	BH-127(4.5)	Soluble	Solid	DI Leach	
890-1621-137 MS	BH-137(4.5)	Soluble	Solid	DI Leach	
890-1621-137 MSD	BH-137(4.5)	Soluble	Solid	DI Leach	

Leach Batch: 13328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-187	BH-187(4.5)	Soluble	Solid	DI Leach	
890-1621-188	BH-188(4.5)	Soluble	Solid	DI Leach	
890-1621-189	BH-189(4.5)	Soluble	Solid	DI Leach	
890-1621-190	BH-190(4.5)	Soluble	Solid	DI Leach	
890-1621-191	BH-191(4.5)	Soluble	Solid	DI Leach	
890-1621-192	BH-192(4.5)	Soluble	Solid	DI Leach	
890-1621-193	BH-193(4.5)	Soluble	Solid	DI Leach	
890-1621-194	BH-194(4.5)	Soluble	Solid	DI Leach	
890-1621-195	BH-195(4.5)	Soluble	Solid	DI Leach	
890-1621-196	BH-196(4.5)	Soluble	Solid	DI Leach	
890-1621-197	BH-197(4.5)	Soluble	Solid	DI Leach	
890-1621-198	BH-198(4.5)	Soluble	Solid	DI Leach	
890-1621-199	BH-199(4.5)	Soluble	Solid	DI Leach	
890-1621-200	BH-200(4.5)	Soluble	Solid	DI Leach	
890-1621-201	BH-201(4.5)	Soluble	Solid	DI Leach	
890-1621-202	BH-202(4.5)	Soluble	Solid	DI Leach	
890-1621-203	BH-203(4.5)	Soluble	Solid	DI Leach	
890-1621-204	BH-204(4.5)	Soluble	Solid	DI Leach	
890-1621-205	BH-205(4.5)	Soluble	Solid	DI Leach	
890-1621-206	BH-206(4.5)	Soluble	Solid	DI Leach	
MB 880-13328/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13328/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13328/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1621-187 MS	BH-187(4.5)	Soluble	Solid	DI Leach	
890-1621-187 MSD	BH-187(4.5)	Soluble	Solid	DI Leach	
890-1621-197 MS	BH-197(4.5)	Soluble	Solid	DI Leach	
890-1621-197 MSD	BH-197(4.5)	Soluble	Solid	DI Leach	

Leach Batch: 13329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-56	BH-56(4.5)	Soluble	Solid	DI Leach	
890-1621-57	BH-57(4.5)	Soluble	Solid	DI Leach	
890-1621-58	BH-58(4.5)	Soluble	Solid	DI Leach	
890-1621-59	BH-59(4.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 13329 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-60	BH-60(4.5)	Soluble	Solid	DI Leach	
890-1621-61	BH-61(4.5)	Soluble	Solid	DI Leach	
890-1621-62	BH-62 (4.5)	Soluble	Solid	DI Leach	
890-1621-63	BH-63 (4.5)	Soluble	Solid	DI Leach	
890-1621-64	BH-64 (4.5)	Soluble	Solid	DI Leach	
890-1621-65	BH-65(4.5)	Soluble	Solid	DI Leach	
890-1621-66	BH-66 (4.5)	Soluble	Solid	DI Leach	
890-1621-67	BH-67 (4.5)	Soluble	Solid	DI Leach	
890-1621-68	BH-68 (4.5)	Soluble	Solid	DI Leach	
890-1621-69	BH-69 (4.5)	Soluble	Solid	DI Leach	
890-1621-70	BH-70 (4.5)	Soluble	Solid	DI Leach	
890-1621-71	BH-71 (4.5)	Soluble	Solid	DI Leach	
890-1621-72	BH-72 (4.5)	Soluble	Solid	DI Leach	
890-1621-73	BH-73 (4.5)	Soluble	Solid	DI Leach	
890-1621-74	BH-74 (4.5)	Soluble	Solid	DI Leach	
890-1621-75	BH-75 (4.5)	Soluble	Solid	DI Leach	
MB 880-13329/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13329/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13329/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1621-56 MS	BH-56(4.5)	Soluble	Solid	DI Leach	
890-1621-56 MSD	BH-56(4.5)	Soluble	Solid	DI Leach	
890-1621-66 MS	BH-66 (4.5)	Soluble	Solid	DI Leach	
890-1621-66 MSD	BH-66 (4.5)	Soluble	Solid	DI Leach	

Leach Batch: 13330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-76	BH-76 (4.5)	Soluble	Solid	DI Leach	
890-1621-77	BH-77 (4.5)	Soluble	Solid	DI Leach	
890-1621-78	BH-78 (4.5)	Soluble	Solid	DI Leach	
890-1621-79	BH-79 (4.5)	Soluble	Solid	DI Leach	
890-1621-80	BH-80 (4.5)	Soluble	Solid	DI Leach	
890-1621-81	BH-81 (4.5)	Soluble	Solid	DI Leach	
890-1621-82	BH-82 (4.5)	Soluble	Solid	DI Leach	
890-1621-83	BH-83 (4.5)	Soluble	Solid	DI Leach	
890-1621-84	BH-84 (4.5)	Soluble	Solid	DI Leach	
890-1621-85	BH-85 (4.5)	Soluble	Solid	DI Leach	
890-1621-86	BH-86 (4.5)	Soluble	Solid	DI Leach	
890-1621-87	BH-87 (4.5)	Soluble	Solid	DI Leach	
890-1621-88	BH-88 (4.5)	Soluble	Solid	DI Leach	
890-1621-89	BH-89 (4.5)	Soluble	Solid	DI Leach	
890-1621-90	BH-90 (4.5)	Soluble	Solid	DI Leach	
890-1621-91	BH-91 (4.5)	Soluble	Solid	DI Leach	
890-1621-92	BH-92 (4.5)	Soluble	Solid	DI Leach	
890-1621-93	BH-93 (4.5)	Soluble	Solid	DI Leach	
890-1621-94	BH-94 (4.5)	Soluble	Solid	DI Leach	
890-1621-95	BH-95 (4.5)	Soluble	Solid	DI Leach	
MB 880-13330/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13330/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13330/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1621-76 MS	BH-76 (4.5)	Soluble	Solid	DI Leach	
890-1621-76 MSD	BH-76 (4.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 13330 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-86 MS	BH-86 (4.5)	Soluble	Solid	DI Leach	
890-1621-86 MSD	BH-86 (4.5)	Soluble	Solid	DI Leach	

Leach Batch: 13331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-96	BH-96 (4.5)	Soluble	Solid	DI Leach	
890-1621-97	BH-97 (4.5)	Soluble	Solid	DI Leach	
890-1621-98	BH-98 (4.5)	Soluble	Solid	DI Leach	
890-1621-99	BH-99 (4.5)	Soluble	Solid	DI Leach	
890-1621-140	BH-140(4.5)	Soluble	Solid	DI Leach	
890-1621-141	BH-141(4.5)	Soluble	Solid	DI Leach	
890-1621-142	BH-142(4.5)	Soluble	Solid	DI Leach	
890-1621-143	BH-143(4.5)	Soluble	Solid	DI Leach	
890-1621-144	BH-144(4.5)	Soluble	Solid	DI Leach	
890-1621-145	BH-145(4.5)	Soluble	Solid	DI Leach	
890-1621-146	BH-146(4.5)	Soluble	Solid	DI Leach	
890-1621-147	BH-147(4.5)	Soluble	Solid	DI Leach	
890-1621-148	BH-148(4.5)	Soluble	Solid	DI Leach	
890-1621-149	BH-149(4.5)	Soluble	Solid	DI Leach	
890-1621-150	BH-150(4.5)	Soluble	Solid	DI Leach	
890-1621-151	BH-151(4.5)	Soluble	Solid	DI Leach	
890-1621-152	BH-152(4.5)	Soluble	Solid	DI Leach	
890-1621-153	BH-153(4.5)	Soluble	Solid	DI Leach	
890-1621-154	BH-154 (4.5)	Soluble	Solid	DI Leach	
890-1621-155	BH-155(4.5)	Soluble	Solid	DI Leach	
MB 880-13331/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13331/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13331/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1621-96 MS	BH-96 (4.5)	Soluble	Solid	DI Leach	
890-1621-96 MSD	BH-96 (4.5)	Soluble	Solid	DI Leach	
890-1621-146 MS	BH-146(4.5)	Soluble	Solid	DI Leach	
890-1621-146 MSD	BH-146(4.5)	Soluble	Solid	DI Leach	

Leach Batch: 13333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-156	BH-156(4.5)	Soluble	Solid	DI Leach	
890-1621-157	BH-157(4.5)	Soluble	Solid	DI Leach	
890-1621-158	BH-158(4.5)	Soluble	Solid	DI Leach	
890-1621-159	BH-159(4.5)	Soluble	Solid	DI Leach	
890-1621-160	BH-160(4.5)	Soluble	Solid	DI Leach	
890-1621-161	BH-161(4.5)	Soluble	Solid	DI Leach	
890-1621-162	BH-162(4.5)	Soluble	Solid	DI Leach	
890-1621-163	BH-163(4.5)	Soluble	Solid	DI Leach	
890-1621-164	BH-164(4.5)	Soluble	Solid	DI Leach	
890-1621-165	BH-165(4.5)	Soluble	Solid	DI Leach	
890-1621-166	BH-166(4.5)	Soluble	Solid	DI Leach	
890-1621-167	BH-167(4.5)	Soluble	Solid	DI Leach	
890-1621-168	BH-168(4.5)	Soluble	Solid	DI Leach	
890-1621-169	BH-169(4.5)	Soluble	Solid	DI Leach	
890-1621-170	BH-170(4.5)	Soluble	Solid	DI Leach	
890-1621-171	BH-171(4.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 13333 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-172	BH-172(4.5)	Soluble	Solid	DI Leach	
890-1621-173	BH-173(4.5)	Soluble	Solid	DI Leach	
890-1621-174	BH-174(4.5)	Soluble	Solid	DI Leach	
890-1621-175	BH-175(4.5)	Soluble	Solid	DI Leach	
MB 880-13333/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13333/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13333/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1621-156 MS	BH-156(4.5)	Soluble	Solid	DI Leach	
890-1621-156 MSD	BH-156(4.5)	Soluble	Solid	DI Leach	
890-1621-166 MS	BH-166(4.5)	Soluble	Solid	DI Leach	
890-1621-166 MSD	BH-166(4.5)	Soluble	Solid	DI Leach	

Leach Batch: 13334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-105	BH-105(4.5)	Soluble	Solid	DI Leach	
890-1621-106	BH-106(4.5)	Soluble	Solid	DI Leach	
890-1621-107	BH-107(4.5)	Soluble	Solid	DI Leach	
890-1621-108	BH-108(4.5)	Soluble	Solid	DI Leach	
890-1621-109	BH-109(4.5)	Soluble	Solid	DI Leach	
890-1621-110	BH-110(4.5)	Soluble	Solid	DI Leach	
890-1621-111	BH-111(4.5)	Soluble	Solid	DI Leach	
890-1621-112	BH-112(4.5)	Soluble	Solid	DI Leach	
890-1621-113	BH-113(4.5)	Soluble	Solid	DI Leach	
890-1621-114	BH-114(4.5)	Soluble	Solid	DI Leach	
890-1621-115	BH-115(4.5)	Soluble	Solid	DI Leach	
890-1621-116	BH-116(4.5)	Soluble	Solid	DI Leach	
890-1621-117	BH-117(4.5)	Soluble	Solid	DI Leach	
890-1621-118	BH-118(4.5)	Soluble	Solid	DI Leach	
890-1621-119	BH-119(4.5)	Soluble	Solid	DI Leach	
890-1621-120	BH-120(4.5)	Soluble	Solid	DI Leach	
890-1621-121	BH-121(4.5)	Soluble	Solid	DI Leach	
890-1621-122	BH-122(4.5)	Soluble	Solid	DI Leach	
890-1621-123	BH-123(4.5)	Soluble	Solid	DI Leach	
890-1621-124	BH-124(4.5)	Soluble	Solid	DI Leach	
MB 880-13334/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13334/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13334/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1621-105 MS	BH-105(4.5)	Soluble	Solid	DI Leach	
890-1621-105 MSD	BH-105(4.5)	Soluble	Solid	DI Leach	
890-1621-115 MS	BH-115(4.5)	Soluble	Solid	DI Leach	
890-1621-115 MSD	BH-115(4.5)	Soluble	Solid	DI Leach	

Leach Batch: 13335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-176	BH-176(4.5)	Soluble	Solid	DI Leach	
890-1621-177	BH-177(4.5)	Soluble	Solid	DI Leach	
890-1621-178	BH-178(4.5)	Soluble	Solid	DI Leach	
890-1621-179	BH-179(4.5)	Soluble	Solid	DI Leach	
890-1621-207	BH-207(4.5)	Soluble	Solid	DI Leach	
890-1621-208	BH-208(4.5)	Soluble	Solid	DI Leach	
890-1621-209	BH-20994.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 13335 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-210	BH-210(4.5)	Soluble	Solid	DI Leach	
890-1621-211	BH-211(4.5)	Soluble	Solid	DI Leach	
890-1621-212	BH-212(4.5)	Soluble	Solid	DI Leach	
890-1621-213	BH-213(4.5)	Soluble	Solid	DI Leach	
890-1621-214	BH-214(4.5)	Soluble	Solid	DI Leach	
890-1621-215	BH-215(4.5)	Soluble	Solid	DI Leach	
890-1621-216	BH-216(4.5)	Soluble	Solid	DI Leach	
MB 880-13335/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13335/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13335/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1621-176 MS	BH-176(4.5)	Soluble	Solid	DI Leach	
890-1621-176 MSD	BH-176(4.5)	Soluble	Solid	DI Leach	
890-1621-213 MS	BH-213(4.5)	Soluble	Solid	DI Leach	
890-1621-213 MSD	BH-213(4.5)	Soluble	Solid	DI Leach	

Leach Batch: 13338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-125	BH-125(4.5)	Soluble	Solid	DI Leach	
890-1621-126	BH-126(4.5)	Soluble	Solid	DI Leach	
MB 880-13338/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13338/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13338/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1621-125 MS	BH-125(4.5)	Soluble	Solid	DI Leach	
890-1621-125 MSD	BH-125(4.5)	Soluble	Solid	DI Leach	

Analysis Batch: 13925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-100	BH-100 (4.5)	Soluble	Solid	300.0	13321
890-1621-101	BH-101 (4.5)	Soluble	Solid	300.0	13321
890-1621-102	BH-102(4.5)	Soluble	Solid	300.0	13321
890-1621-103	BH-103(4.5)	Soluble	Solid	300.0	13321
890-1621-104	BH-104(4.5)	Soluble	Solid	300.0	13321
MB 880-13321/1-A	Method Blank	Soluble	Solid	300.0	13321
LCS 880-13321/2-A	Lab Control Sample	Soluble	Solid	300.0	13321
LCSD 880-13321/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13321
880-8627-A-2-F MS	Matrix Spike	Soluble	Solid	300.0	13321
880-8627-A-2-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	13321
880-8635-A-6-F MS	Matrix Spike	Soluble	Solid	300.0	13321
880-8635-A-6-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	13321

Analysis Batch: 14049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-105	BH-105(4.5)	Soluble	Solid	300.0	13334
890-1621-106	BH-106(4.5)	Soluble	Solid	300.0	13334
890-1621-107	BH-107(4.5)	Soluble	Solid	300.0	13334
890-1621-108	BH-108(4.5)	Soluble	Solid	300.0	13334
890-1621-109	BH-109(4.5)	Soluble	Solid	300.0	13334
890-1621-110	BH-110(4.5)	Soluble	Solid	300.0	13334
890-1621-111	BH-111(4.5)	Soluble	Solid	300.0	13334
890-1621-112	BH-112(4.5)	Soluble	Solid	300.0	13334
890-1621-113	BH-113(4.5)	Soluble	Solid	300.0	13334

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 14049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-114	BH-114(4.5)	Soluble	Solid	300.0	13334
890-1621-115	BH-115(4.5)	Soluble	Solid	300.0	13334
890-1621-116	BH-116(4.5)	Soluble	Solid	300.0	13334
890-1621-117	BH-117(4.5)	Soluble	Solid	300.0	13334
890-1621-118	BH-118(4.5)	Soluble	Solid	300.0	13334
890-1621-119	BH-119(4.5)	Soluble	Solid	300.0	13334
890-1621-120	BH-120(4.5)	Soluble	Solid	300.0	13334
890-1621-121	BH-121(4.5)	Soluble	Solid	300.0	13334
890-1621-122	BH-122(4.5)	Soluble	Solid	300.0	13334
890-1621-123	BH-123(4.5)	Soluble	Solid	300.0	13334
890-1621-124	BH-124(4.5)	Soluble	Solid	300.0	13334
MB 880-13334/1-A	Method Blank	Soluble	Solid	300.0	13334
LCS 880-13334/2-A	Lab Control Sample	Soluble	Solid	300.0	13334
LCSD 880-13334/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13334
890-1621-105 MS	BH-105(4.5)	Soluble	Solid	300.0	13334
890-1621-105 MSD	BH-105(4.5)	Soluble	Solid	300.0	13334
890-1621-115 MS	BH-115(4.5)	Soluble	Solid	300.0	13334
890-1621-115 MSD	BH-115(4.5)	Soluble	Solid	300.0	13334

Analysis Batch: 14050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-156	BH-156(4.5)	Soluble	Solid	300.0	13333
890-1621-157	BH-157(4.5)	Soluble	Solid	300.0	13333
890-1621-158	BH-158(4.5)	Soluble	Solid	300.0	13333
890-1621-159	BH-159(4.5)	Soluble	Solid	300.0	13333
890-1621-160	BH-160(4.5)	Soluble	Solid	300.0	13333
890-1621-161	BH-161(4.5)	Soluble	Solid	300.0	13333
890-1621-162	BH-162(4.5)	Soluble	Solid	300.0	13333
890-1621-163	BH-163(4.5)	Soluble	Solid	300.0	13333
890-1621-164	BH-164(4.5)	Soluble	Solid	300.0	13333
890-1621-165	BH-165(4.5)	Soluble	Solid	300.0	13333
890-1621-166	BH-166(4.5)	Soluble	Solid	300.0	13333
890-1621-167	BH-167(4.5)	Soluble	Solid	300.0	13333
890-1621-168	BH-168(4.5)	Soluble	Solid	300.0	13333
890-1621-169	BH-169(4.5)	Soluble	Solid	300.0	13333
890-1621-170	BH-170(4.5)	Soluble	Solid	300.0	13333
890-1621-171	BH-171(4.5)	Soluble	Solid	300.0	13333
890-1621-172	BH-172(4.5)	Soluble	Solid	300.0	13333
890-1621-173	BH-173(4.5)	Soluble	Solid	300.0	13333
890-1621-174	BH-174(4.5)	Soluble	Solid	300.0	13333
890-1621-175	BH-175(4.5)	Soluble	Solid	300.0	13333
MB 880-13333/1-A	Method Blank	Soluble	Solid	300.0	13333
LCS 880-13333/2-A	Lab Control Sample	Soluble	Solid	300.0	13333
LCSD 880-13333/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13333
890-1621-156 MS	BH-156(4.5)	Soluble	Solid	300.0	13333
890-1621-156 MSD	BH-156(4.5)	Soluble	Solid	300.0	13333
890-1621-166 MS	BH-166(4.5)	Soluble	Solid	300.0	13333
890-1621-166 MSD	BH-166(4.5)	Soluble	Solid	300.0	13333

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC

Analysis Batch: 14052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-125	BH-125(4.5)	Soluble	Solid	300.0	13338
890-1621-126	BH-126(4.5)	Soluble	Solid	300.0	13338
MB 880-13338/1-A	Method Blank	Soluble	Solid	300.0	13338
LCS 880-13338/2-A	Lab Control Sample	Soluble	Solid	300.0	13338
LCSD 880-13338/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13338
890-1621-125 MS	BH-125(4.5)	Soluble	Solid	300.0	13338
890-1621-125 MSD	BH-125(4.5)	Soluble	Solid	300.0	13338

Analysis Batch: 14053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-127	BH-127(4.5)	Soluble	Solid	300.0	13322
890-1621-128	BH-128(4.5)	Soluble	Solid	300.0	13322
890-1621-129	BH-129(4.5)	Soluble	Solid	300.0	13322
890-1621-130	BH-130(4.5)	Soluble	Solid	300.0	13322
890-1621-131	BH-131(4.5)	Soluble	Solid	300.0	13322
890-1621-132	BH-132(4.5)	Soluble	Solid	300.0	13322
890-1621-133	BH-133(4.5)	Soluble	Solid	300.0	13322
890-1621-134	BH-134(4.5)	Soluble	Solid	300.0	13322
890-1621-135	BH-135(4.5)	Soluble	Solid	300.0	13322
890-1621-136	BH-136(4.5)	Soluble	Solid	300.0	13322
890-1621-137	BH-137(4.5)	Soluble	Solid	300.0	13322
890-1621-138	BH-138(4.5)	Soluble	Solid	300.0	13322
890-1621-139	BH-139(4.5)	Soluble	Solid	300.0	13322
890-1621-180	BH-180(4.5)	Soluble	Solid	300.0	13322
890-1621-181	BH-181(4.5)	Soluble	Solid	300.0	13322
890-1621-182	BH-182(4.5)	Soluble	Solid	300.0	13322
890-1621-183	BH-183(4.5)	Soluble	Solid	300.0	13322
890-1621-184	BH-184(4.5)	Soluble	Solid	300.0	13322
890-1621-185	BH-185(4.5)	Soluble	Solid	300.0	13322
890-1621-186	BH-186(4.5)	Soluble	Solid	300.0	13322
MB 880-13322/1-A	Method Blank	Soluble	Solid	300.0	13322
LCS 880-13322/2-A	Lab Control Sample	Soluble	Solid	300.0	13322
LCSD 880-13322/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13322
890-1621-127 MS	BH-127(4.5)	Soluble	Solid	300.0	13322
890-1621-127 MSD	BH-127(4.5)	Soluble	Solid	300.0	13322
890-1621-137 MS	BH-137(4.5)	Soluble	Solid	300.0	13322
890-1621-137 MSD	BH-137(4.5)	Soluble	Solid	300.0	13322

Analysis Batch: 14089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-187	BH-187(4.5)	Soluble	Solid	300.0	13328
890-1621-188	BH-188(4.5)	Soluble	Solid	300.0	13328
890-1621-189	BH-189(4.5)	Soluble	Solid	300.0	13328
890-1621-190	BH-190(4.5)	Soluble	Solid	300.0	13328
890-1621-191	BH-191(4.5)	Soluble	Solid	300.0	13328
890-1621-192	BH-192(4.5)	Soluble	Solid	300.0	13328
890-1621-193	BH-193(4.5)	Soluble	Solid	300.0	13328
890-1621-194	BH-194(4.5)	Soluble	Solid	300.0	13328
890-1621-195	BH-195(4.5)	Soluble	Solid	300.0	13328
890-1621-196	BH-196(4.5)	Soluble	Solid	300.0	13328
890-1621-197	BH-197(4.5)	Soluble	Solid	300.0	13328

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 14089 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-198	BH-198(4.5)	Soluble	Solid	300.0	13328
890-1621-199	BH-199(4.5)	Soluble	Solid	300.0	13328
890-1621-200	BH-200(4.5)	Soluble	Solid	300.0	13328
890-1621-201	BH-201(4.5)	Soluble	Solid	300.0	13328
890-1621-202	BH-202(4.5)	Soluble	Solid	300.0	13328
890-1621-203	BH-203(4.5)	Soluble	Solid	300.0	13328
890-1621-204	BH-204(4.5)	Soluble	Solid	300.0	13328
890-1621-205	BH-205(4.5)	Soluble	Solid	300.0	13328
890-1621-206	BH-206(4.5)	Soluble	Solid	300.0	13328
MB 880-13328/1-A	Method Blank	Soluble	Solid	300.0	13328
LCS 880-13328/2-A	Lab Control Sample	Soluble	Solid	300.0	13328
LCSD 880-13328/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13328
890-1621-187 MS	BH-187(4.5)	Soluble	Solid	300.0	13328
890-1621-187 MSD	BH-187(4.5)	Soluble	Solid	300.0	13328
890-1621-197 MS	BH-197(4.5)	Soluble	Solid	300.0	13328
890-1621-197 MSD	BH-197(4.5)	Soluble	Solid	300.0	13328

Analysis Batch: 14091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-176	BH-176(4.5)	Soluble	Solid	300.0	13335
890-1621-177	BH-177(4.5)	Soluble	Solid	300.0	13335
890-1621-178	BH-178(4.5)	Soluble	Solid	300.0	13335
890-1621-179	BH-179(4.5)	Soluble	Solid	300.0	13335
890-1621-207	BH-207(4.5)	Soluble	Solid	300.0	13335
890-1621-208	BH-208(4.5)	Soluble	Solid	300.0	13335
890-1621-209	BH-20994.5)	Soluble	Solid	300.0	13335
890-1621-210	BH-210(4.5)	Soluble	Solid	300.0	13335
890-1621-211	BH-211(4.5)	Soluble	Solid	300.0	13335
890-1621-212	BH-212(4.5)	Soluble	Solid	300.0	13335
890-1621-213	BH-213(4.5)	Soluble	Solid	300.0	13335
890-1621-214	BH-214(4.5)	Soluble	Solid	300.0	13335
890-1621-215	BH-215(4.5)	Soluble	Solid	300.0	13335
890-1621-216	BH-216(4.5)	Soluble	Solid	300.0	13335
MB 880-13335/1-A	Method Blank	Soluble	Solid	300.0	13335
LCS 880-13335/2-A	Lab Control Sample	Soluble	Solid	300.0	13335
LCSD 880-13335/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13335
890-1621-176 MS	BH-176(4.5)	Soluble	Solid	300.0	13335
890-1621-176 MSD	BH-176(4.5)	Soluble	Solid	300.0	13335
890-1621-213 MS	BH-213(4.5)	Soluble	Solid	300.0	13335
890-1621-213 MSD	BH-213(4.5)	Soluble	Solid	300.0	13335

Analysis Batch: 14095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-56	BH-56(4.5)	Soluble	Solid	300.0	13329
890-1621-57	BH-57(4.5)	Soluble	Solid	300.0	13329
890-1621-58	BH-58(4.5)	Soluble	Solid	300.0	13329
890-1621-59	BH-59(4.5)	Soluble	Solid	300.0	13329
890-1621-60	BH-60(4.5)	Soluble	Solid	300.0	13329
890-1621-61	BH-61(4.5)	Soluble	Solid	300.0	13329
890-1621-62	BH-62 (4.5)	Soluble	Solid	300.0	13329
890-1621-63	BH-63 (4.5)	Soluble	Solid	300.0	13329

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 14095 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-64	BH-64 (4.5)	Soluble	Solid	300.0	13329
890-1621-65	BH-65(4.5)	Soluble	Solid	300.0	13329
890-1621-66	BH-66 (4.5)	Soluble	Solid	300.0	13329
890-1621-67	BH-67 (4.5)	Soluble	Solid	300.0	13329
890-1621-68	BH-68 (4.5)	Soluble	Solid	300.0	13329
890-1621-69	BH-69 (4.5)	Soluble	Solid	300.0	13329
890-1621-70	BH-70 (4.5)	Soluble	Solid	300.0	13329
890-1621-71	BH-71 (4.5)	Soluble	Solid	300.0	13329
890-1621-72	BH-72 (4.5)	Soluble	Solid	300.0	13329
890-1621-73	BH-73 (4.5)	Soluble	Solid	300.0	13329
890-1621-74	BH-74 (4.5)	Soluble	Solid	300.0	13329
890-1621-75	BH-75 (4.5)	Soluble	Solid	300.0	13329
MB 880-13329/1-A	Method Blank	Soluble	Solid	300.0	13329
LCS 880-13329/2-A	Lab Control Sample	Soluble	Solid	300.0	13329
LCSD 880-13329/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13329
890-1621-56 MS	BH-56(4.5)	Soluble	Solid	300.0	13329
890-1621-56 MSD	BH-56(4.5)	Soluble	Solid	300.0	13329
890-1621-66 MS	BH-66 (4.5)	Soluble	Solid	300.0	13329
890-1621-66 MSD	BH-66 (4.5)	Soluble	Solid	300.0	13329

Analysis Batch: 14293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-96	BH-96 (4.5)	Soluble	Solid	300.0	13331
890-1621-97	BH-97 (4.5)	Soluble	Solid	300.0	13331
890-1621-98	BH-98 (4.5)	Soluble	Solid	300.0	13331
890-1621-99	BH-99 (4.5)	Soluble	Solid	300.0	13331
890-1621-140	BH-140(4.5)	Soluble	Solid	300.0	13331
890-1621-141	BH-141(4.5)	Soluble	Solid	300.0	13331
890-1621-142	BH-142(4.5)	Soluble	Solid	300.0	13331
890-1621-143	BH-143(4.5)	Soluble	Solid	300.0	13331
890-1621-144	BH-144(4.5)	Soluble	Solid	300.0	13331
890-1621-145	BH-145(4.5)	Soluble	Solid	300.0	13331
890-1621-146	BH-146(4.5)	Soluble	Solid	300.0	13331
890-1621-147	BH-147(4.5)	Soluble	Solid	300.0	13331
890-1621-148	BH-148(4.5)	Soluble	Solid	300.0	13331
890-1621-149	BH-149(4.5)	Soluble	Solid	300.0	13331
890-1621-150	BH-150(4.5)	Soluble	Solid	300.0	13331
890-1621-151	BH-151(4.5)	Soluble	Solid	300.0	13331
890-1621-152	BH-152(4.5)	Soluble	Solid	300.0	13331
890-1621-153	BH-153(4.5)	Soluble	Solid	300.0	13331
890-1621-154	BH-154 (4.5)	Soluble	Solid	300.0	13331
890-1621-155	BH-155(4.5)	Soluble	Solid	300.0	13331
MB 880-13331/1-A	Method Blank	Soluble	Solid	300.0	13331
LCS 880-13331/2-A	Lab Control Sample	Soluble	Solid	300.0	13331
LCSD 880-13331/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13331
890-1621-96 MS	BH-96 (4.5)	Soluble	Solid	300.0	13331
890-1621-96 MSD	BH-96 (4.5)	Soluble	Solid	300.0	13331
890-1621-146 MS	BH-146(4.5)	Soluble	Solid	300.0	13331
890-1621-146 MSD	BH-146(4.5)	Soluble	Solid	300.0	13331

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC

Analysis Batch: 14303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-76	BH-76 (4.5)	Soluble	Solid	300.0	13330
890-1621-77	BH-77 (4.5)	Soluble	Solid	300.0	13330
890-1621-78	BH-78 (4.5)	Soluble	Solid	300.0	13330
890-1621-79	BH-79 (4.5)	Soluble	Solid	300.0	13330
890-1621-80	BH-80 (4.5)	Soluble	Solid	300.0	13330
890-1621-81	BH-81 (4.5)	Soluble	Solid	300.0	13330
890-1621-82	BH-82 (4.5)	Soluble	Solid	300.0	13330
890-1621-83	BH-83 (4.5)	Soluble	Solid	300.0	13330
890-1621-84	BH-84 (4.5)	Soluble	Solid	300.0	13330
890-1621-85	BH-85 (4.5)	Soluble	Solid	300.0	13330
890-1621-86	BH-86 (4.5)	Soluble	Solid	300.0	13330
890-1621-87	BH-87 (4.5)	Soluble	Solid	300.0	13330
890-1621-88	BH-88 (4.5)	Soluble	Solid	300.0	13330
890-1621-89	BH-89 (4.5)	Soluble	Solid	300.0	13330
890-1621-90	BH-90 (4.5)	Soluble	Solid	300.0	13330
890-1621-91	BH-91 (4.5)	Soluble	Solid	300.0	13330
890-1621-92	BH-92 (4.5)	Soluble	Solid	300.0	13330
890-1621-93	BH-93 (4.5)	Soluble	Solid	300.0	13330
890-1621-94	BH-94 (4.5)	Soluble	Solid	300.0	13330
890-1621-95	BH-95 (4.5)	Soluble	Solid	300.0	13330
MB 880-13330/1-A	Method Blank	Soluble	Solid	300.0	13330
LCS 880-13330/2-A	Lab Control Sample	Soluble	Solid	300.0	13330
LCSD 880-13330/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13330
890-1621-76 MS	BH-76 (4.5)	Soluble	Solid	300.0	13330
890-1621-76 MSD	BH-76 (4.5)	Soluble	Solid	300.0	13330
890-1621-86 MS	BH-86 (4.5)	Soluble	Solid	300.0	13330
890-1621-86 MSD	BH-86 (4.5)	Soluble	Solid	300.0	13330

Analysis Batch: 32258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-1	BH-1 (2)	Total/NA	Solid	300.0	32409
890-1621-2	BH-2 (2)	Total/NA	Solid	300.0	32409
890-1621-3	BH-3 (2)	Total/NA	Solid	300.0	32409
890-1621-4	BH-4 (2)	Total/NA	Solid	300.0	32409
890-1621-5	BH-5 (2)	Total/NA	Solid	300.0	32409
MB 860-32409/1-A	Method Blank	Total/NA	Solid	300.0	32409
LCS 860-32409/2-A	Lab Control Sample	Total/NA	Solid	300.0	32409
LCSD 860-32409/3-A	Lab Control Sample Dup	Total/NA	Solid	300.0	32409
890-1621-1 MS	BH-1 (2)	Total/NA	Solid	300.0	32409
890-1621-1 MSD	BH-1 (2)	Total/NA	Solid	300.0	32409
890-1621-2 MS	BH-2 (2)	Total/NA	Solid	300.0	32409
890-1621-2 MSD	BH-2 (2)	Total/NA	Solid	300.0	32409

Prep Batch: 32409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-1	BH-1 (2)	Total/NA	Solid	300_Prep	
890-1621-2	BH-2 (2)	Total/NA	Solid	300_Prep	
890-1621-3	BH-3 (2)	Total/NA	Solid	300_Prep	
890-1621-4	BH-4 (2)	Total/NA	Solid	300_Prep	
890-1621-5	BH-5 (2)	Total/NA	Solid	300_Prep	
MB 860-32409/1-A	Method Blank	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

HPLC/IC (Continued)

Prep Batch: 32409 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-32409/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LCSD 860-32409/3-A	Lab Control Sample Dup	Total/NA	Solid	300_Prep	
890-1621-1 MS	BH-1 (2)	Total/NA	Solid	300_Prep	
890-1621-1 MSD	BH-1 (2)	Total/NA	Solid	300_Prep	
890-1621-2 MS	BH-2 (2)	Total/NA	Solid	300_Prep	
890-1621-2 MSD	BH-2 (2)	Total/NA	Solid	300_Prep	

Prep Batch: 32615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-6	BH-6 (2)	Total/NA	Solid	300_Prep	
890-1621-7	BH-7 (2)	Total/NA	Solid	300_Prep	
890-1621-8	BH-8 (2)	Total/NA	Solid	300_Prep	
890-1621-9	BH-9 (2)	Total/NA	Solid	300_Prep	
890-1621-10	BH-10 (2)	Total/NA	Solid	300_Prep	
890-1621-11	BH-11 (2)	Total/NA	Solid	300_Prep	
890-1621-12	BH-12 (2)	Total/NA	Solid	300_Prep	
890-1621-13	BH-13 (2)	Total/NA	Solid	300_Prep	
890-1621-14	BH-14 (2)	Total/NA	Solid	300_Prep	
890-1621-15	BH-15 (2)	Total/NA	Solid	300_Prep	
890-1621-16	BH-16 (2)	Total/NA	Solid	300_Prep	
890-1621-17	BH-17 (2)	Total/NA	Solid	300_Prep	
890-1621-18	BH-18 (2)	Total/NA	Solid	300_Prep	
890-1621-19	BH-19 (2)	Total/NA	Solid	300_Prep	
890-1621-20	BH-20 (2)	Total/NA	Solid	300_Prep	
890-1621-21	BH-21 (3)	Total/NA	Solid	300_Prep	
890-1621-22	BH-22 (3)	Total/NA	Solid	300_Prep	
890-1621-23	BH-23 (3)	Total/NA	Solid	300_Prep	
890-1621-24	BH-24 (3)	Total/NA	Solid	300_Prep	
890-1621-25	BH-25(3)	Total/NA	Solid	300_Prep	
890-1621-247	SW-31	Total/NA	Solid	300_Prep	
MB 860-32615/1-A	Method Blank	Total/NA	Solid	300_Prep	
MB 860-32615/28-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 860-32615/29-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LCS 860-32615/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LCSD 860-32615/30-A	Lab Control Sample Dup	Total/NA	Solid	300_Prep	
LCSD 860-32615/3-A	Lab Control Sample Dup	Total/NA	Solid	300_Prep	
890-1621-6 MS	BH-6 (2)	Total/NA	Solid	300_Prep	
890-1621-6 MSD	BH-6 (2)	Total/NA	Solid	300_Prep	
890-1621-16 MS	BH-16 (2)	Total/NA	Solid	300_Prep	
890-1621-16 MSD	BH-16 (2)	Total/NA	Solid	300_Prep	

Analysis Batch: 32631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-6	BH-6 (2)	Total/NA	Solid	300.0	32615
890-1621-7	BH-7 (2)	Total/NA	Solid	300.0	32615
890-1621-8	BH-8 (2)	Total/NA	Solid	300.0	32615
890-1621-9	BH-9 (2)	Total/NA	Solid	300.0	32615
890-1621-10	BH-10 (2)	Total/NA	Solid	300.0	32615
890-1621-11	BH-11 (2)	Total/NA	Solid	300.0	32615
890-1621-12	BH-12 (2)	Total/NA	Solid	300.0	32615
890-1621-13	BH-13 (2)	Total/NA	Solid	300.0	32615

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 32631 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-14	BH-14 (2)	Total/NA	Solid	300.0	32615
890-1621-15	BH-15 (2)	Total/NA	Solid	300.0	32615
890-1621-16	BH-16 (2)	Total/NA	Solid	300.0	32615
890-1621-17	BH-17 (2)	Total/NA	Solid	300.0	32615
890-1621-18	BH-18 (2)	Total/NA	Solid	300.0	32615
890-1621-19	BH-19 (2)	Total/NA	Solid	300.0	32615
890-1621-20	BH-20 (2)	Total/NA	Solid	300.0	32615
890-1621-21	BH-21 (3)	Total/NA	Solid	300.0	32615
890-1621-22	BH-22 (3)	Total/NA	Solid	300.0	32615
890-1621-23	BH-23 (3)	Total/NA	Solid	300.0	32615
890-1621-24	BH-24 (3)	Total/NA	Solid	300.0	32615
890-1621-25	BH-25(3)	Total/NA	Solid	300.0	32615
890-1621-247	SW-31	Total/NA	Solid	300.0	32615
MB 860-32615/1-A	Method Blank	Total/NA	Solid	300.0	32615
MB 860-32615/28-A	Method Blank	Total/NA	Solid	300.0	32615
LCS 860-32615/29-A	Lab Control Sample	Total/NA	Solid	300.0	32615
LCS 860-32615/2-A	Lab Control Sample	Total/NA	Solid	300.0	32615
LCSD 860-32615/30-A	Lab Control Sample Dup	Total/NA	Solid	300.0	32615
LCSD 860-32615/3-A	Lab Control Sample Dup	Total/NA	Solid	300.0	32615
890-1621-6 MS	BH-6 (2)	Total/NA	Solid	300.0	32615
890-1621-6 MSD	BH-6 (2)	Total/NA	Solid	300.0	32615
890-1621-16 MS	BH-16 (2)	Total/NA	Solid	300.0	32615
890-1621-16 MSD	BH-16 (2)	Total/NA	Solid	300.0	32615

Prep Batch: 32933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-26	BH-26(3)	Total/NA	Solid	300_Prep	
890-1621-27	BH-27(3)	Total/NA	Solid	300_Prep	
890-1621-28	BH-28(3)	Total/NA	Solid	300_Prep	
890-1621-29	BH-29(3)	Total/NA	Solid	300_Prep	
890-1621-30	BH-30(3)	Total/NA	Solid	300_Prep	
890-1621-31	BH-31(3)	Total/NA	Solid	300_Prep	
890-1621-32	BH-32(3)	Total/NA	Solid	300_Prep	
890-1621-33	BH-33(3)	Total/NA	Solid	300_Prep	
890-1621-34	BH-34(3)	Total/NA	Solid	300_Prep	
890-1621-35	BH-35(3)	Total/NA	Solid	300_Prep	
890-1621-36	BH-36(3)	Total/NA	Solid	300_Prep	
890-1621-37	BH-37(3)	Total/NA	Solid	300_Prep	
890-1621-38	BH-38(3)	Total/NA	Solid	300_Prep	
890-1621-39	BH-39(3)	Total/NA	Solid	300_Prep	
890-1621-40	BH-40(3)	Total/NA	Solid	300_Prep	
890-1621-41	BH-41(3)	Total/NA	Solid	300_Prep	
890-1621-42	BH-42(3)	Total/NA	Solid	300_Prep	
890-1621-43	BH-43(3)	Total/NA	Solid	300_Prep	
890-1621-44	BH-44(3)	Total/NA	Solid	300_Prep	
890-1621-45	BH-45(3)	Total/NA	Solid	300_Prep	
MB 860-32933/14-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 860-32933/15-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LCSD 860-32933/16-A	Lab Control Sample Dup	Total/NA	Solid	300_Prep	
890-1621-26 MS	BH-26(3)	Total/NA	Solid	300_Prep	
890-1621-26 MSD	BH-26(3)	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

HPLC/IC (Continued)

Prep Batch: 32933 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-36 MS	BH-36(3)	Total/NA	Solid	300_Prep	
890-1621-36 MSD	BH-36(3)	Total/NA	Solid	300_Prep	

Analysis Batch: 32934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-26	BH-26(3)	Total/NA	Solid	300.0	32933
890-1621-27	BH-27(3)	Total/NA	Solid	300.0	32933
890-1621-28	BH-28(3)	Total/NA	Solid	300.0	32933
890-1621-29	BH-29(3)	Total/NA	Solid	300.0	32933
890-1621-30	BH-30(3)	Total/NA	Solid	300.0	32933
890-1621-31	BH-31(3)	Total/NA	Solid	300.0	32933
890-1621-32	BH-32(3)	Total/NA	Solid	300.0	32933
890-1621-33	BH-33(3)	Total/NA	Solid	300.0	32933
890-1621-34	BH-34(3)	Total/NA	Solid	300.0	32933
890-1621-35	BH-35(3)	Total/NA	Solid	300.0	32933
890-1621-36	BH-36(3)	Total/NA	Solid	300.0	32933
890-1621-37	BH-37(3)	Total/NA	Solid	300.0	32933
890-1621-38	BH-38(3)	Total/NA	Solid	300.0	32933
890-1621-39	BH-39(3)	Total/NA	Solid	300.0	32933
890-1621-40	BH-40(3)	Total/NA	Solid	300.0	32933
890-1621-41	BH-41(3)	Total/NA	Solid	300.0	32933
890-1621-42	BH-42(3)	Total/NA	Solid	300.0	32933
890-1621-43	BH-43(3)	Total/NA	Solid	300.0	32933
890-1621-44	BH-44(3)	Total/NA	Solid	300.0	32933
890-1621-45	BH-45(3)	Total/NA	Solid	300.0	32933
MB 860-32933/14-A	Method Blank	Total/NA	Solid	300.0	32933
LCS 860-32933/15-A	Lab Control Sample	Total/NA	Solid	300.0	32933
LCSD 860-32933/16-A	Lab Control Sample Dup	Total/NA	Solid	300.0	32933
890-1621-26 MS	BH-26(3)	Total/NA	Solid	300.0	32933
890-1621-26 MSD	BH-26(3)	Total/NA	Solid	300.0	32933
890-1621-36 MS	BH-36(3)	Total/NA	Solid	300.0	32933
890-1621-36 MSD	BH-36(3)	Total/NA	Solid	300.0	32933

Analysis Batch: 32939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-46	BH-46(3)	Total/NA	Solid	300.0	32956
890-1621-47	BH-47(3)	Total/NA	Solid	300.0	32956
890-1621-48	BH-48(3)	Total/NA	Solid	300.0	32956
890-1621-49	BH-49(3)	Total/NA	Solid	300.0	32956
890-1621-50	BH-50(3)	Total/NA	Solid	300.0	32956
890-1621-51	BH-51(3)	Total/NA	Solid	300.0	32956
890-1621-52	BH-52(3)	Total/NA	Solid	300.0	32956
890-1621-53	BH-53(3)	Total/NA	Solid	300.0	32956
890-1621-54	BH-54(3)	Total/NA	Solid	300.0	32956
890-1621-55	BH-55(3)	Total/NA	Solid	300.0	32956
890-1621-217	SW-1	Total/NA	Solid	300.0	32956
890-1621-218	SW-2	Total/NA	Solid	300.0	32956
890-1621-219	SW-3	Total/NA	Solid	300.0	32956
890-1621-220	SW-4	Total/NA	Solid	300.0	32956
890-1621-221	SW-5	Total/NA	Solid	300.0	32956
890-1621-222	SW-6	Total/NA	Solid	300.0	32956

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 32939 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-223	SW-7	Total/NA	Solid	300.0	32956
890-1621-224	SW-8	Total/NA	Solid	300.0	32956
890-1621-225	SW-9	Total/NA	Solid	300.0	32956
890-1621-226	SW-10	Total/NA	Solid	300.0	32956
MB 860-32956/1-A	Method Blank	Total/NA	Solid	300.0	32956
LCS 860-32956/2-A	Lab Control Sample	Total/NA	Solid	300.0	32956
LCSD 860-32956/3-A	Lab Control Sample Dup	Total/NA	Solid	300.0	32956
890-1621-46 MS	BH-46(3)	Total/NA	Solid	300.0	32956
890-1621-46 MSD	BH-46(3)	Total/NA	Solid	300.0	32956
890-1621-47 MS	BH-47(3)	Total/NA	Solid	300.0	32956
890-1621-47 MSD	BH-47(3)	Total/NA	Solid	300.0	32956

Analysis Batch: 32954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-227	SW-11	Total/NA	Solid	300.0	32956
890-1621-228	SW-12	Total/NA	Solid	300.0	32956
890-1621-229	SW-13	Total/NA	Solid	300.0	32956
890-1621-230	SW-14	Total/NA	Solid	300.0	32956
890-1621-231	SW-15	Total/NA	Solid	300.0	32956
890-1621-232	SW-16	Total/NA	Solid	300.0	32956
890-1621-233	SW-17	Total/NA	Solid	300.0	32956
890-1621-234	SW-18	Total/NA	Solid	300.0	32956
890-1621-235	SW-19	Total/NA	Solid	300.0	32956
890-1621-236	SW-20	Total/NA	Solid	300.0	32956
890-1621-237	SW-21	Total/NA	Solid	300.0	32956
890-1621-238	SW-22	Total/NA	Solid	300.0	32956
890-1621-239	SW-23	Total/NA	Solid	300.0	32956
890-1621-240	SW-24	Total/NA	Solid	300.0	32956
890-1621-241	SW-25	Total/NA	Solid	300.0	32956
890-1621-242	SW-26	Total/NA	Solid	300.0	32956
890-1621-243	SW-27	Total/NA	Solid	300.0	32956
890-1621-244	SW-28	Total/NA	Solid	300.0	32956
890-1621-245	SW-29	Total/NA	Solid	300.0	32956
890-1621-246	SW-30	Total/NA	Solid	300.0	32956
MB 860-32956/28-A	Method Blank	Total/NA	Solid	300.0	32956
MB 860-32956/55-A	Method Blank	Total/NA	Solid	300.0	32956
LCS 860-32956/29-A	Lab Control Sample	Total/NA	Solid	300.0	32956
LCS 860-32956/56-A	Lab Control Sample	Total/NA	Solid	300.0	32956
LCSD 860-32956/30-A	Lab Control Sample Dup	Total/NA	Solid	300.0	32956
LCSD 860-32956/57-A	Lab Control Sample Dup	Total/NA	Solid	300.0	32956
890-1621-227 MS	SW-11	Total/NA	Solid	300.0	32956
890-1621-227 MSD	SW-11	Total/NA	Solid	300.0	32956
890-1621-237 MS	SW-21	Total/NA	Solid	300.0	32956
890-1621-237 MSD	SW-21	Total/NA	Solid	300.0	32956

Prep Batch: 32956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-46	BH-46(3)	Total/NA	Solid	300_Prep	
890-1621-47	BH-47(3)	Total/NA	Solid	300_Prep	
890-1621-48	BH-48(3)	Total/NA	Solid	300_Prep	
890-1621-49	BH-49(3)	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

HPLC/IC (Continued)

Prep Batch: 32956 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-50	BH-50(3)	Total/NA	Solid	300_Prep	
890-1621-51	BH-51(3)	Total/NA	Solid	300_Prep	
890-1621-52	BH-52(3)	Total/NA	Solid	300_Prep	
890-1621-53	BH-53(3)	Total/NA	Solid	300_Prep	
890-1621-54	BH-54(3)	Total/NA	Solid	300_Prep	
890-1621-55	BH-55(3)	Total/NA	Solid	300_Prep	
890-1621-217	SW-1	Total/NA	Solid	300_Prep	
890-1621-218	SW-2	Total/NA	Solid	300_Prep	
890-1621-219	SW-3	Total/NA	Solid	300_Prep	
890-1621-220	SW-4	Total/NA	Solid	300_Prep	
890-1621-221	SW-5	Total/NA	Solid	300_Prep	
890-1621-222	SW-6	Total/NA	Solid	300_Prep	
890-1621-223	SW-7	Total/NA	Solid	300_Prep	
890-1621-224	SW-8	Total/NA	Solid	300_Prep	
890-1621-225	SW-9	Total/NA	Solid	300_Prep	
890-1621-226	SW-10	Total/NA	Solid	300_Prep	
890-1621-227	SW-11	Total/NA	Solid	300_Prep	
890-1621-228	SW-12	Total/NA	Solid	300_Prep	
890-1621-229	SW-13	Total/NA	Solid	300_Prep	
890-1621-230	SW-14	Total/NA	Solid	300_Prep	
890-1621-231	SW-15	Total/NA	Solid	300_Prep	
890-1621-232	SW-16	Total/NA	Solid	300_Prep	
890-1621-233	SW-17	Total/NA	Solid	300_Prep	
890-1621-234	SW-18	Total/NA	Solid	300_Prep	
890-1621-235	SW-19	Total/NA	Solid	300_Prep	
890-1621-236	SW-20	Total/NA	Solid	300_Prep	
890-1621-237	SW-21	Total/NA	Solid	300_Prep	
890-1621-238	SW-22	Total/NA	Solid	300_Prep	
890-1621-239	SW-23	Total/NA	Solid	300_Prep	
890-1621-240	SW-24	Total/NA	Solid	300_Prep	
890-1621-241	SW-25	Total/NA	Solid	300_Prep	
890-1621-242	SW-26	Total/NA	Solid	300_Prep	
890-1621-243	SW-27	Total/NA	Solid	300_Prep	
890-1621-244	SW-28	Total/NA	Solid	300_Prep	
890-1621-245	SW-29	Total/NA	Solid	300_Prep	
890-1621-246	SW-30	Total/NA	Solid	300_Prep	
MB 860-32956/1-A	Method Blank	Total/NA	Solid	300_Prep	
MB 860-32956/28-A	Method Blank	Total/NA	Solid	300_Prep	
MB 860-32956/55-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 860-32956/29-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LCS 860-32956/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LCS 860-32956/56-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LCSD 860-32956/30-A	Lab Control Sample Dup	Total/NA	Solid	300_Prep	
LCSD 860-32956/3-A	Lab Control Sample Dup	Total/NA	Solid	300_Prep	
LCSD 860-32956/57-A	Lab Control Sample Dup	Total/NA	Solid	300_Prep	
890-1621-46 MS	BH-46(3)	Total/NA	Solid	300_Prep	
890-1621-46 MSD	BH-46(3)	Total/NA	Solid	300_Prep	
890-1621-47 MS	BH-47(3)	Total/NA	Solid	300_Prep	
890-1621-47 MSD	BH-47(3)	Total/NA	Solid	300_Prep	
890-1621-227 MS	SW-11	Total/NA	Solid	300_Prep	
890-1621-227 MSD	SW-11	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

HPLC/IC (Continued)

Prep Batch: 32956 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1621-237 MS	SW-21	Total/NA	Solid	300_Prep	
890-1621-237 MSD	SW-21	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-1 (2) Lab Sample ID: 890-1621-1

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 17:04	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 08:49	IS	XEN STF
Total/NA	Prep	300_Prep			32409	11/30/21 23:42	ANP	XEN STF
Total/NA	Analysis	300.0		1	32258	12/01/21 06:58	ANP	XEN STF

Client Sample ID: BH-2 (2) Lab Sample ID: 890-1621-2

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 17:26	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 09:43	IS	XEN STF
Total/NA	Prep	300_Prep			32409	11/30/21 23:42	ANP	XEN STF
Total/NA	Analysis	300.0		1	32258	12/01/21 08:06	ANP	XEN STF

Client Sample ID: BH-3 (2) Lab Sample ID: 890-1621-3

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 17:48	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 10:01	IS	XEN STF
Total/NA	Prep	300_Prep			32409	11/30/21 23:42	ANP	XEN STF
Total/NA	Analysis	300.0		1	32258	12/01/21 08:46	ANP	XEN STF

Client Sample ID: BH-4 (2) Lab Sample ID: 890-1621-4

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 18:10	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-4 (2) Lab Sample ID: 890-1621-4

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 10:19	IS	XEN STF
Total/NA	Prep	300_Prep			32409	11/30/21 23:42	ANP	XEN STF
Total/NA	Analysis	300.0		1	32258	12/01/21 09:00	ANP	XEN STF

Client Sample ID: BH-5 (2) Lab Sample ID: 890-1621-5

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 18:32	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 10:36	IS	XEN STF
Total/NA	Prep	300_Prep			32409	11/30/21 23:42	ANP	XEN STF
Total/NA	Analysis	300.0		1	32258	12/01/21 09:14	ANP	XEN STF

Client Sample ID: BH-6 (2) Lab Sample ID: 890-1621-6

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 15:00	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 11:31	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 05:19	ANP	XEN STF

Client Sample ID: BH-7 (2) Lab Sample ID: 890-1621-7

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 19:16	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 11:49	IS	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-7 (2)

Lab Sample ID: 890-1621-7
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 05:59	ANP	XEN STF

Client Sample ID: BH-8 (2)

Lab Sample ID: 890-1621-8
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 19:38	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 12:07	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 06:41	ANP	XEN STF

Client Sample ID: BH-9 (2)

Lab Sample ID: 890-1621-9
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 20:00	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 12:25	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 06:54	ANP	XEN STF

Client Sample ID: BH-10 (2)

Lab Sample ID: 890-1621-10
Matrix: Solid
Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 20:22	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 12:44	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 07:08	ANP	XEN STF

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-11 (2) Lab Sample ID: 890-1621-11

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 20:44	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 13:01	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 07:21	ANP	XEN STF

Client Sample ID: BH-12 (2) Lab Sample ID: 890-1621-12

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 21:06	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 13:19	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 07:35	ANP	XEN STF

Client Sample ID: BH-13 (2) Lab Sample ID: 890-1621-13

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	31878	11/24/21 21:29	A1S	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 13:37	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 07:49	ANP	XEN STF

Client Sample ID: BH-14 (2) Lab Sample ID: 890-1621-14

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 04:07	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-14 (2) Lab Sample ID: 890-1621-14

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 13:56	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 08:02	ANP	XEN STF

Client Sample ID: BH-15 (2) Lab Sample ID: 890-1621-15

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 04:29	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 14:14	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 08:16	ANP	XEN STF

Client Sample ID: BH-16 (2) Lab Sample ID: 890-1621-16

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 04:51	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 15:08	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 08:29	ANP	XEN STF

Client Sample ID: BH-17 (2) Lab Sample ID: 890-1621-17

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 05:13	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 15:27	IS	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-17 (2) Lab Sample ID: 890-1621-17

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 09:37	ANP	XEN STF

Client Sample ID: BH-18 (2) Lab Sample ID: 890-1621-18

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 05:35	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 15:45	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 09:51	ANP	XEN STF

Client Sample ID: BH-19 (2) Lab Sample ID: 890-1621-19

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 05:57	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep			32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM		1	31888	11/25/21 16:04	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 10:04	ANP	XEN STF

Client Sample ID: BH-20 (2) Lab Sample ID: 890-1621-20

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31962	11/24/21 14:25	CSP	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 06:20	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	11/29/21 17:13	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32005	11/24/21 16:00	IS	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32135	11/29/21 12:09	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 10:18	ANP	XEN STF

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-21 (3) Lab Sample ID: 890-1621-21

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 10:45	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32465	12/01/21 11:09	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 10:32	ANP	XEN STF

Client Sample ID: BH-22 (3) Lab Sample ID: 890-1621-22

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 05:38	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32465	12/01/21 12:02	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 10:45	ANP	XEN STF

Client Sample ID: BH-23 (3) Lab Sample ID: 890-1621-23

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 05:59	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32465	12/01/21 12:20	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 10:59	ANP	XEN STF

Client Sample ID: BH-24 (3) Lab Sample ID: 890-1621-24

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 06:20	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-24 (3) Lab Sample ID: 890-1621-24

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32465	12/01/21 12:38	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 12:35	ANP	XEN STF

Client Sample ID: BH-25(3) Lab Sample ID: 890-1621-25

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 06:41	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32465	12/01/21 12:56	IS	XEN STF
Total/NA	Prep	300_Prep			32615	12/01/21 09:35	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 12:48	ANP	XEN STF

Client Sample ID: BH-26(3) Lab Sample ID: 890-1621-26

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 07:02	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32209	11/29/21 16:25	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32465	12/01/21 13:14	IS	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 09:47	WP	XEN STF

Client Sample ID: BH-27(3) Lab Sample ID: 890-1621-27

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 07:22	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32465	12/01/21 13:32	IS	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-27(3) Lab Sample ID: 890-1621-27

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 10:24	WP	XEN STF

Client Sample ID: BH-28(3) Lab Sample ID: 890-1621-28

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 07:43	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32465	12/01/21 13:50	IS	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 11:01	WP	XEN STF

Client Sample ID: BH-29(3) Lab Sample ID: 890-1621-29

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 08:04	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32465	12/01/21 14:08	IS	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 11:13	WP	XEN STF

Client Sample ID: BH-30(3) Lab Sample ID: 890-1621-30

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 08:25	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32488	12/01/21 16:49	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 11:25	WP	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-31(3) Lab Sample ID: 890-1621-31

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 08:46	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32488	12/01/21 18:04	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 11:38	WP	XEN STF

Client Sample ID: BH-32(3) Lab Sample ID: 890-1621-32

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 09:07	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32488	12/01/21 18:23	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 11:50	WP	XEN STF

Client Sample ID: BH-33(3) Lab Sample ID: 890-1621-33

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 09:27	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32488	12/01/21 18:43	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 12:02	WP	XEN STF

Client Sample ID: BH-34(3) Lab Sample ID: 890-1621-34

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 09:48	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-34(3) Lab Sample ID: 890-1621-34

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32488	12/01/21 19:02	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 12:15	WP	XEN STF

Client Sample ID: BH-35(3) Lab Sample ID: 890-1621-35

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 10:09	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep	RA		32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM	RA	1	32488	12/01/21 19:23	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 12:27	WP	XEN STF

Client Sample ID: BH-36(3) Lab Sample ID: 890-1621-36

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 10:30	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep			32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32280	12/01/21 00:55	IS	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 12:39	WP	XEN STF

Client Sample ID: BH-37(3) Lab Sample ID: 890-1621-37

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 10:51	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/02/21 19:01	IS	XEN STF
Total/NA	Prep	8015NM Prep			32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32280	12/01/21 01:13	IS	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-37(3) Lab Sample ID: 890-1621-37

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 13:41	WP	XEN STF

Client Sample ID: BH-38(3) Lab Sample ID: 890-1621-38

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 11:11	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32280	12/01/21 01:32	IS	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 13:54	WP	XEN STF

Client Sample ID: BH-39(3) Lab Sample ID: 890-1621-39

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 11:32	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32360	11/30/21 15:39	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32280	12/01/21 01:50	IS	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 14:06	WP	XEN STF

Client Sample ID: BH-40(3) Lab Sample ID: 890-1621-40

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32018	11/24/21 17:45	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 11:53	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 19:25	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 14:18	WP	XEN STF

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-41(3) Lab Sample ID: 890-1621-41

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 16:42	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 20:26	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 14:31	WP	XEN STF

Client Sample ID: BH-42(3) Lab Sample ID: 890-1621-42

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 17:03	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 20:45	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 14:43	WP	XEN STF

Client Sample ID: BH-43(3) Lab Sample ID: 890-1621-43

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 17:23	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 21:06	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 14:55	WP	XEN STF

Client Sample ID: BH-44(3) Lab Sample ID: 890-1621-44

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 17:43	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-44(3) Lab Sample ID: 890-1621-44

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 21:26	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 15:08	WP	XEN STF

Client Sample ID: BH-45(3) Lab Sample ID: 890-1621-45

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 18:04	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 22:06	T1S	XEN STF
Total/NA	Prep	300_Prep			32933	12/03/21 18:46	ANP	XEN STF
Total/NA	Analysis	300.0		1	32934	12/04/21 15:20	WP	XEN STF

Client Sample ID: BH-46(3) Lab Sample ID: 890-1621-46

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 15:59	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 22:27	T1S	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 12:46	WP	XEN STF

Client Sample ID: BH-47(3) Lab Sample ID: 890-1621-47

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 16:21	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:15	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 22:47	T1S	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-47(3) Lab Sample ID: 890-1621-47

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 13:23	WP	XEN STF

Client Sample ID: BH-48(3) Lab Sample ID: 890-1621-48

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 16:43	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 23:07	T1S	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 14:00	WP	XEN STF

Client Sample ID: BH-49(3) Lab Sample ID: 890-1621-49

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 17:06	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 23:27	T1S	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 14:37	WP	XEN STF

Client Sample ID: BH-50(3) Lab Sample ID: 890-1621-50

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 17:28	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	11/30/21 23:48	T1S	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 14:50	WP	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-51(3) Lab Sample ID: 890-1621-51

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 17:50	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32319	12/01/21 00:28	T1S	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 15:02	WP	XEN STF

Client Sample ID: BH-52(3) Lab Sample ID: 890-1621-52

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 18:12	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32390	11/30/21 22:47	T1S	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 15:14	WP	XEN STF

Client Sample ID: BH-53(3) Lab Sample ID: 890-1621-53

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 18:34	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32390	11/30/21 23:07	T1S	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 15:27	WP	XEN STF

Client Sample ID: BH-54(3) Lab Sample ID: 890-1621-54

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 18:56	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-54(3) Lab Sample ID: 890-1621-54

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32390	11/30/21 23:27	T1S	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 15:39	WP	XEN STF

Client Sample ID: BH-55(3) Lab Sample ID: 890-1621-55

Date Collected: 11/17/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32087	11/29/21 19:18	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32347	11/30/21 13:58	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32364	11/30/21 15:43	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32390	11/30/21 23:48	T1S	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 15:51	WP	XEN STF

Client Sample ID: BH-56(4.5) Lab Sample ID: 890-1621-56

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/24/21 22:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 03:48	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 15:48	CH	XEN MID

Client Sample ID: BH-57(4.5) Lab Sample ID: 890-1621-57

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/24/21 22:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 04:09	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-57(4.5) Lab Sample ID: 890-1621-57

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 16:22	CH	XEN MID

Client Sample ID: BH-58(4.5) Lab Sample ID: 890-1621-58

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/24/21 22:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 04:30	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 16:33	CH	XEN MID

Client Sample ID: BH-59(4.5) Lab Sample ID: 890-1621-59

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/24/21 23:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 04:51	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 16:45	CH	XEN MID

Client Sample ID: BH-60(4.5) Lab Sample ID: 890-1621-60

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/24/21 23:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13827	12/03/21 19:59	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 16:56	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-61(4.5) Lab Sample ID: 890-1621-61

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/24/21 23:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 12:58	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 18:27	CH	XEN MID

Client Sample ID: BH-62 (4.5) Lab Sample ID: 890-1621-62

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 00:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 18:38	CH	XEN MID

Client Sample ID: BH-63 (4.5) Lab Sample ID: 890-1621-63

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 00:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 18:50	CH	XEN MID

Client Sample ID: BH-64 (4.5) Lab Sample ID: 890-1621-64

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 00:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-64 (4.5) Lab Sample ID: 890-1621-64

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 14:45	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 19:08	CH	XEN MID

Client Sample ID: BH-65(4.5) Lab Sample ID: 890-1621-65

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 01:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 15:07	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 19:19	CH	XEN MID

Client Sample ID: BH-66 (4.5) Lab Sample ID: 890-1621-66

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 02:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 15:28	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 19:31	CH	XEN MID

Client Sample ID: BH-67 (4.5) Lab Sample ID: 890-1621-67

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 02:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 15:49	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-67 (4.5) Lab Sample ID: 890-1621-67

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 20:05	CH	XEN MID

Client Sample ID: BH-68 (4.5) Lab Sample ID: 890-1621-68

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 03:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 16:11	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 20:16	CH	XEN MID

Client Sample ID: BH-69 (4.5) Lab Sample ID: 890-1621-69

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 03:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 16:32	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 20:50	CH	XEN MID

Client Sample ID: BH-70 (4.5) Lab Sample ID: 890-1621-70

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 03:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 16:53	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 21:02	CH	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-71 (4.5) Lab Sample ID: 890-1621-71

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 04:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 17:36	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 21:13	CH	XEN MID

Client Sample ID: BH-72 (4.5) Lab Sample ID: 890-1621-72

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 04:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 17:57	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 21:24	CH	XEN MID

Client Sample ID: BH-73 (4.5) Lab Sample ID: 890-1621-73

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 04:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 18:18	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 21:36	CH	XEN MID

Client Sample ID: BH-74 (4.5) Lab Sample ID: 890-1621-74

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 05:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-74 (4.5) Lab Sample ID: 890-1621-74

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 18:39	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 21:47	CH	XEN MID

Client Sample ID: BH-75 (4.5) Lab Sample ID: 890-1621-75

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13157	11/24/21 09:45	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 05:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 19:00	AJ	XEN MID
Soluble	Leach	DI Leach			13329	11/29/21 10:49	CA	XEN MID
Soluble	Analysis	300.0		1	14095	12/06/21 21:58	CH	XEN MID

Client Sample ID: BH-76 (4.5) Lab Sample ID: 890-1621-76

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 08:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 19:22	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		1	14303	12/08/21 23:33	CH	XEN MID

Client Sample ID: BH-77 (4.5) Lab Sample ID: 890-1621-77

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 09:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 19:43	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-77 (4.5) Lab Sample ID: 890-1621-77

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		1	14303	12/09/21 00:08	CH	XEN MID

Client Sample ID: BH-78 (4.5) Lab Sample ID: 890-1621-78

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 09:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 20:05	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		1	14303	12/09/21 00:20	CH	XEN MID

Client Sample ID: BH-79 (4.5) Lab Sample ID: 890-1621-79

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 09:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 20:27	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		1	14303	12/09/21 00:32	CH	XEN MID

Client Sample ID: BH-80 (4.5) Lab Sample ID: 890-1621-80

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 10:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13798	12/02/21 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 20:49	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		1	14303	12/09/21 00:44	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-81 (4.5) Lab Sample ID: 890-1621-81

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 10:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 22:39	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		1	14303	12/09/21 01:20	CH	XEN MID

Client Sample ID: BH-82 (4.5) Lab Sample ID: 890-1621-82

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 10:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/04/21 23:43	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		1	14303	12/09/21 01:32	CH	XEN MID

Client Sample ID: BH-83 (4.5) Lab Sample ID: 890-1621-83

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 11:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 00:04	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		1	14303	12/09/21 01:44	CH	XEN MID

Client Sample ID: BH-84 (4.5) Lab Sample ID: 890-1621-84

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 11:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-84 (4.5) Lab Sample ID: 890-1621-84

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 00:26	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		1	14303	12/09/21 01:56	CH	XEN MID

Client Sample ID: BH-85 (4.5) Lab Sample ID: 890-1621-85

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 11:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 00:48	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 02:07	CH	XEN MID

Client Sample ID: BH-86 (4.5) Lab Sample ID: 890-1621-86

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 13:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 01:09	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 02:19	CH	XEN MID

Client Sample ID: BH-87 (4.5) Lab Sample ID: 890-1621-87

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 13:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 01:30	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-87 (4.5) Lab Sample ID: 890-1621-87

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 02:55	CH	XEN MID

Client Sample ID: BH-88 (4.5) Lab Sample ID: 890-1621-88

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 14:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 01:52	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 03:07	CH	XEN MID

Client Sample ID: BH-89 (4.5) Lab Sample ID: 890-1621-89

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 14:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 02:13	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 03:43	CH	XEN MID

Client Sample ID: BH-90 (4.5) Lab Sample ID: 890-1621-90

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 14:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 02:35	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 03:55	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-91 (4.5) Lab Sample ID: 890-1621-91

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 15:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 03:18	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 04:07	CH	XEN MID

Client Sample ID: BH-92 (4.5) Lab Sample ID: 890-1621-92

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 15:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 03:39	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 04:18	CH	XEN MID

Client Sample ID: BH-93 (4.5) Lab Sample ID: 890-1621-93

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 15:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 04:00	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 04:30	CH	XEN MID

Client Sample ID: BH-94 (4.5) Lab Sample ID: 890-1621-94

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 16:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-94 (4.5) Lab Sample ID: 890-1621-94

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 04:21	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 04:42	CH	XEN MID

Client Sample ID: BH-95 (4.5) Lab Sample ID: 890-1621-95

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13158	11/24/21 09:58	KL	XEN MID
Total/NA	Analysis	8021B		1	13108	11/25/21 16:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 04:42	AJ	XEN MID
Soluble	Leach	DI Leach			13330	11/29/21 10:51	CA	XEN MID
Soluble	Analysis	300.0		5	14303	12/09/21 04:54	CH	XEN MID

Client Sample ID: BH-96 (4.5) Lab Sample ID: 890-1621-96

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 11:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 05:03	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		5	14293	12/08/21 22:00	CH	XEN MID

Client Sample ID: BH-97 (4.5) Lab Sample ID: 890-1621-97

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 12:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 05:25	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-97 (4.5) Lab Sample ID: 890-1621-97

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		5	14293	12/08/21 22:20	CH	XEN MID

Client Sample ID: BH-98 (4.5) Lab Sample ID: 890-1621-98

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 12:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 05:46	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		5	14293	12/08/21 22:26	CH	XEN MID

Client Sample ID: BH-99 (4.5) Lab Sample ID: 890-1621-99

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 12:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 06:07	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/08/21 22:33	CH	XEN MID

Client Sample ID: BH-100 (4.5) Lab Sample ID: 890-1621-100

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 13:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13799	12/02/21 16:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13917	12/05/21 06:29	AJ	XEN MID
Soluble	Leach	DI Leach			13321	11/29/21 10:41	CA	XEN MID
Soluble	Analysis	300.0		1	13925	12/05/21 00:10	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-101 (4.5) Lab Sample ID: 890-1621-101

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 13:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 12:58	AJ	XEN MID
Soluble	Leach	DI Leach			13321	11/29/21 10:41	CA	XEN MID
Soluble	Analysis	300.0		5	13925	12/05/21 00:18	CH	XEN MID

Client Sample ID: BH-102(4.5) Lab Sample ID: 890-1621-102

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 13:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			13321	11/29/21 10:41	CA	XEN MID
Soluble	Analysis	300.0		1	13925	12/05/21 00:27	CH	XEN MID

Client Sample ID: BH-103(4.5) Lab Sample ID: 890-1621-103

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 14:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			13321	11/29/21 10:41	CA	XEN MID
Soluble	Analysis	300.0		5	13925	12/05/21 00:35	CH	XEN MID

Client Sample ID: BH-104(4.5) Lab Sample ID: 890-1621-104

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 14:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-104(4.5) Lab Sample ID: 890-1621-104

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 14:45	AJ	XEN MID
Soluble	Leach	DI Leach			13321	11/29/21 10:41	CA	XEN MID
Soluble	Analysis	300.0		5	13925	12/05/21 18:59	CH	XEN MID

Client Sample ID: BH-105(4.5) Lab Sample ID: 890-1621-105

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 14:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 15:07	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		5	14049	12/05/21 14:15	CH	XEN MID

Client Sample ID: BH-106(4.5) Lab Sample ID: 890-1621-106

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 16:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 15:28	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		5	14049	12/05/21 14:40	CH	XEN MID

Client Sample ID: BH-107(4.5) Lab Sample ID: 890-1621-107

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 16:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 15:49	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-107(4.5) Lab Sample ID: 890-1621-107

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		5	14049	12/05/21 14:48	CH	XEN MID

Client Sample ID: BH-108(4.5) Lab Sample ID: 890-1621-108

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 17:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 16:11	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		5	14049	12/05/21 14:57	CH	XEN MID

Client Sample ID: BH-109(4.5) Lab Sample ID: 890-1621-109

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 17:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 16:32	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		5	14049	12/05/21 15:05	CH	XEN MID

Client Sample ID: BH-110(4.5) Lab Sample ID: 890-1621-110

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 17:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 16:53	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		5	14049	12/05/21 15:30	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-111(4.5) Lab Sample ID: 890-1621-111

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 18:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 17:36	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 15:38	CH	XEN MID

Client Sample ID: BH-112(4.5) Lab Sample ID: 890-1621-112

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 18:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 17:57	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 15:47	CH	XEN MID

Client Sample ID: BH-113(4.5) Lab Sample ID: 890-1621-113

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 18:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 18:18	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 15:55	CH	XEN MID

Client Sample ID: BH-114(4.5) Lab Sample ID: 890-1621-114

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 19:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-114(4.5) Lab Sample ID: 890-1621-114

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 18:39	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 16:03	CH	XEN MID

Client Sample ID: BH-115(4.5) Lab Sample ID: 890-1621-115

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13111	11/24/21 08:15	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 19:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 19:00	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 16:12	CH	XEN MID

Client Sample ID: BH-116(4.5) Lab Sample ID: 890-1621-116

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 23:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 19:22	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 16:37	CH	XEN MID

Client Sample ID: BH-117(4.5) Lab Sample ID: 890-1621-117

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 23:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 19:43	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-117(4.5) Lab Sample ID: 890-1621-117

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 16:45	CH	XEN MID

Client Sample ID: BH-118(4.5) Lab Sample ID: 890-1621-118

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/24/21 23:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 20:05	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 17:11	CH	XEN MID

Client Sample ID: BH-119(4.5) Lab Sample ID: 890-1621-119

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 00:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 20:27	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 17:19	CH	XEN MID

Client Sample ID: BH-120(4.5) Lab Sample ID: 890-1621-120

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 00:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13800	12/02/21 16:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 20:49	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 17:27	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-121(4.5) Lab Sample ID: 890-1621-121

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 00:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 22:39	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 17:36	CH	XEN MID

Client Sample ID: BH-122(4.5) Lab Sample ID: 890-1621-122

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 01:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/04/21 23:43	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 17:44	CH	XEN MID

Client Sample ID: BH-123(4.5) Lab Sample ID: 890-1621-123

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 01:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 00:04	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 17:52	CH	XEN MID

Client Sample ID: BH-124(4.5) Lab Sample ID: 890-1621-124

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 01:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-124(4.5) Lab Sample ID: 890-1621-124

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 00:26	AJ	XEN MID
Soluble	Leach	DI Leach			13334	11/29/21 10:59	CA	XEN MID
Soluble	Analysis	300.0		1	14049	12/05/21 18:01	CH	XEN MID

Client Sample ID: BH-125(4.5) Lab Sample ID: 890-1621-125

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 02:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 00:48	AJ	XEN MID
Soluble	Leach	DI Leach			13338	11/29/21 11:07	CA	XEN MID
Soluble	Analysis	300.0		1	14052	12/05/21 20:06	CH	XEN MID

Client Sample ID: BH-126(4.5) Lab Sample ID: 890-1621-126

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 04:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 01:09	AJ	XEN MID
Soluble	Leach	DI Leach			13338	11/29/21 11:07	CA	XEN MID
Soluble	Analysis	300.0		1	14052	12/05/21 20:31	CH	XEN MID

Client Sample ID: BH-127(4.5) Lab Sample ID: 890-1621-127

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 04:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 01:30	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-127(4.5) Lab Sample ID: 890-1621-127

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 09:01	CH	XEN MID

Client Sample ID: BH-128(4.5) Lab Sample ID: 890-1621-128

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 04:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 01:52	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 09:26	CH	XEN MID

Client Sample ID: BH-129(4.5) Lab Sample ID: 890-1621-129

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 05:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 02:13	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 09:35	CH	XEN MID

Client Sample ID: BH-130(4.5) Lab Sample ID: 890-1621-130

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 05:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 02:35	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 09:43	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-131(4.5) Lab Sample ID: 890-1621-131

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 05:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 03:18	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 09:52	CH	XEN MID

Client Sample ID: BH-132(4.5) Lab Sample ID: 890-1621-132

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 06:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 03:39	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 10:17	CH	XEN MID

Client Sample ID: BH-133(4.5) Lab Sample ID: 890-1621-133

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 06:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 04:00	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 10:25	CH	XEN MID

Client Sample ID: BH-134(4.5) Lab Sample ID: 890-1621-134

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 06:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill
SDG: Lea County NM

Client Sample ID: BH-134(4.5)
Lab Sample ID: 890-1621-134
Date Collected: 11/19/21 00:00
Matrix: Solid
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 04:21	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 10:33	CH	XEN MID

Client Sample ID: BH-135(4.5)
Lab Sample ID: 890-1621-135
Date Collected: 11/19/21 00:00
Matrix: Solid
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13115	11/24/21 08:20	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 07:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 04:42	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 10:42	CH	XEN MID

Client Sample ID: BH-136(4.5)
Lab Sample ID: 890-1621-136
Date Collected: 11/19/21 00:00
Matrix: Solid
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 10:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 05:03	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 10:50	CH	XEN MID

Client Sample ID: BH-137(4.5)
Lab Sample ID: 890-1621-137
Date Collected: 11/19/21 00:00
Matrix: Solid
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 11:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 05:25	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-137(4.5) Lab Sample ID: 890-1621-137

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 10:59	CH	XEN MID

Client Sample ID: BH-138(4.5) Lab Sample ID: 890-1621-138

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 11:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 05:46	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 11:24	CH	XEN MID

Client Sample ID: BH-139(4.5) Lab Sample ID: 890-1621-139

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 11:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 06:07	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 11:32	CH	XEN MID

Client Sample ID: BH-140(4.5) Lab Sample ID: 890-1621-140

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 12:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13801	12/02/21 16:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13918	12/05/21 06:29	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		5	14293	12/08/21 22:40	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-141(4.5) Lab Sample ID: 890-1621-141

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 12:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 11:34	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		5	14293	12/08/21 23:00	CH	XEN MID

Client Sample ID: BH-142(4.5) Lab Sample ID: 890-1621-142

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 12:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 12:39	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/08/21 23:06	CH	XEN MID

Client Sample ID: BH-143(4.5) Lab Sample ID: 890-1621-143

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 13:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 13:00	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/08/21 23:13	CH	XEN MID

Client Sample ID: BH-144(4.5) Lab Sample ID: 890-1621-144

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 13:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-144(4.5) Lab Sample ID: 890-1621-144

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 13:22	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/08/21 23:20	CH	XEN MID

Client Sample ID: BH-145(4.5) Lab Sample ID: 890-1621-145

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 13:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 13:43	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/08/21 23:26	CH	XEN MID

Client Sample ID: BH-146(4.5) Lab Sample ID: 890-1621-146

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 15:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 14:04	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/08/21 23:33	CH	XEN MID

Client Sample ID: BH-147(4.5) Lab Sample ID: 890-1621-147

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 16:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 14:26	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-147(4.5) Lab Sample ID: 890-1621-147

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		5	14293	12/09/21 10:45	CH	XEN MID

Client Sample ID: BH-148(4.5) Lab Sample ID: 890-1621-148

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 16:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 14:47	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		5	14293	12/09/21 10:51	CH	XEN MID

Client Sample ID: BH-149(4.5) Lab Sample ID: 890-1621-149

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 16:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 15:08	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		5	14293	12/09/21 00:20	CH	XEN MID

Client Sample ID: BH-150(4.5) Lab Sample ID: 890-1621-150

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 17:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 15:29	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/09/21 00:26	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-151(4.5) Lab Sample ID: 890-1621-151

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 17:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 16:12	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/09/21 00:33	CH	XEN MID

Client Sample ID: BH-152(4.5) Lab Sample ID: 890-1621-152

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 17:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 16:33	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/09/21 00:39	CH	XEN MID

Client Sample ID: BH-153(4.5) Lab Sample ID: 890-1621-153

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 18:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 16:54	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/09/21 00:46	CH	XEN MID

Client Sample ID: BH-154 (4.5) Lab Sample ID: 890-1621-154

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 18:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-154 (4.5) Lab Sample ID: 890-1621-154

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 17:15	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		5	14293	12/09/21 00:53	CH	XEN MID

Client Sample ID: BH-155(4.5) Lab Sample ID: 890-1621-155

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13116	11/24/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	13109	11/25/21 18:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 17:37	AJ	XEN MID
Soluble	Leach	DI Leach			13331	11/29/21 10:53	CA	XEN MID
Soluble	Analysis	300.0		1	14293	12/09/21 00:59	CH	XEN MID

Client Sample ID: BH-156(4.5) Lab Sample ID: 890-1621-156

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 00:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 17:58	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/05/21 21:44	CH	XEN MID

Client Sample ID: BH-157(4.5) Lab Sample ID: 890-1621-157

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 00:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 18:19	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-157(4.5) Lab Sample ID: 890-1621-157

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/05/21 22:18	CH	XEN MID

Client Sample ID: BH-158(4.5) Lab Sample ID: 890-1621-158

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 01:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 18:40	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/05/21 22:29	CH	XEN MID

Client Sample ID: BH-159(4.5) Lab Sample ID: 890-1621-159

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 01:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 19:01	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/05/21 22:41	CH	XEN MID

Client Sample ID: BH-160(4.5) Lab Sample ID: 890-1621-160

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 02:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13802	12/02/21 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 19:22	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/05/21 22:52	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-161(4.5) Lab Sample ID: 890-1621-161

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 02:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 21:08	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		5	14050	12/05/21 23:26	CH	XEN MID

Client Sample ID: BH-162(4.5) Lab Sample ID: 890-1621-162

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 03:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 22:11	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		5	14050	12/05/21 23:38	CH	XEN MID

Client Sample ID: BH-163(4.5) Lab Sample ID: 890-1621-163

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 03:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 22:32	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/05/21 23:49	CH	XEN MID

Client Sample ID: BH-164(4.5) Lab Sample ID: 890-1621-164

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 03:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-164(4.5) Lab Sample ID: 890-1621-164

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 22:53	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/06/21 00:01	CH	XEN MID

Client Sample ID: BH-165(4.5) Lab Sample ID: 890-1621-165

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 04:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 23:14	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		5	14050	12/06/21 00:12	CH	XEN MID

Client Sample ID: BH-166(4.5) Lab Sample ID: 890-1621-166

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 06:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 23:35	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		5	14050	12/06/21 00:23	CH	XEN MID

Client Sample ID: BH-167(4.5) Lab Sample ID: 890-1621-167

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 06:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/05/21 23:57	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-167(4.5) Lab Sample ID: 890-1621-167

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		5	14050	12/06/21 00:58	CH	XEN MID

Client Sample ID: BH-168(4.5) Lab Sample ID: 890-1621-168

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 07:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 00:18	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		5	14050	12/06/21 01:09	CH	XEN MID

Client Sample ID: BH-169(4.5) Lab Sample ID: 890-1621-169

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 07:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 00:39	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		5	14050	12/06/21 01:43	CH	XEN MID

Client Sample ID: BH-170(4.5) Lab Sample ID: 890-1621-170

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 07:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 01:00	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		5	14050	12/06/21 01:55	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-171(4.5) Lab Sample ID: 890-1621-171

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 08:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 01:42	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/06/21 02:06	CH	XEN MID

Client Sample ID: BH-172(4.5) Lab Sample ID: 890-1621-172

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 08:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 02:02	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/06/21 02:18	CH	XEN MID

Client Sample ID: BH-173(4.5) Lab Sample ID: 890-1621-173

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 09:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 02:23	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/06/21 02:29	CH	XEN MID

Client Sample ID: BH-174(4.5) Lab Sample ID: 890-1621-174

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 09:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-174(4.5) Lab Sample ID: 890-1621-174

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 02:45	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/06/21 02:40	CH	XEN MID

Client Sample ID: BH-175(4.5) Lab Sample ID: 890-1621-175

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13188	11/24/21 10:59	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 10:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 03:06	AJ	XEN MID
Soluble	Leach	DI Leach			13333	11/29/21 10:57	CA	XEN MID
Soluble	Analysis	300.0		1	14050	12/06/21 02:52	CH	XEN MID

Client Sample ID: BH-176(4.5) Lab Sample ID: 890-1621-176

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 14:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 03:27	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		1	14091	12/06/21 09:55	CH	XEN MID

Client Sample ID: BH-177(4.5) Lab Sample ID: 890-1621-177

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 14:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 03:48	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-177(4.5) Lab Sample ID: 890-1621-177

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		1	14091	12/06/21 10:30	CH	XEN MID

Client Sample ID: BH-178(4.5) Lab Sample ID: 890-1621-178

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 14:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 04:09	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		1	14091	12/06/21 10:41	CH	XEN MID

Client Sample ID: BH-179(4.5) Lab Sample ID: 890-1621-179

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 15:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 04:30	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		1	14091	12/06/21 10:52	CH	XEN MID

Client Sample ID: BH-180(4.5) Lab Sample ID: 890-1621-180

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 15:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13804	12/02/21 17:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13929	12/06/21 04:51	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 11:57	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-181(4.5) Lab Sample ID: 890-1621-181

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 16:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 11:34	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 12:06	CH	XEN MID

Client Sample ID: BH-182(4.5) Lab Sample ID: 890-1621-182

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 16:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 12:39	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 12:14	CH	XEN MID

Client Sample ID: BH-183(4.5) Lab Sample ID: 890-1621-183

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 17:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 13:00	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 12:22	CH	XEN MID

Client Sample ID: BH-184(4.5) Lab Sample ID: 890-1621-184

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 17:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-184(4.5) Lab Sample ID: 890-1621-184

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 13:22	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 12:31	CH	XEN MID

Client Sample ID: BH-185(4.5) Lab Sample ID: 890-1621-185

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 18:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 13:43	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 12:39	CH	XEN MID

Client Sample ID: BH-186(4.5) Lab Sample ID: 890-1621-186

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 19:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 14:04	AJ	XEN MID
Soluble	Leach	DI Leach			13322	11/29/21 10:44	CA	XEN MID
Soluble	Analysis	300.0		1	14053	12/06/21 12:48	CH	XEN MID

Client Sample ID: BH-187(4.5) Lab Sample ID: 890-1621-187

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 20:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 14:26	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-187(4.5) Lab Sample ID: 890-1621-187

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 13:54	CH	XEN MID

Client Sample ID: BH-188(4.5) Lab Sample ID: 890-1621-188

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 20:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 14:47	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 14:19	CH	XEN MID

Client Sample ID: BH-189(4.5) Lab Sample ID: 890-1621-189

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 21:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 15:08	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 14:28	CH	XEN MID

Client Sample ID: BH-190(4.5) Lab Sample ID: 890-1621-190

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 21:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 15:29	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 14:36	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-191(4.5) Lab Sample ID: 890-1621-191

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 22:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 16:12	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 14:45	CH	XEN MID

Client Sample ID: BH-192(4.5) Lab Sample ID: 890-1621-192

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 22:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 16:33	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 15:10	CH	XEN MID

Client Sample ID: BH-193(4.5) Lab Sample ID: 890-1621-193

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 22:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 16:54	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 15:18	CH	XEN MID

Client Sample ID: BH-194(4.5) Lab Sample ID: 890-1621-194

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 23:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-194(4.5) Lab Sample ID: 890-1621-194

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 17:15	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 15:26	CH	XEN MID

Client Sample ID: BH-195(4.5) Lab Sample ID: 890-1621-195

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13196	11/24/21 11:15	KL	XEN MID
Total/NA	Analysis	8021B		1	13166	11/25/21 23:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 17:37	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 15:35	CH	XEN MID

Client Sample ID: BH-196(4.5) Lab Sample ID: 890-1621-196

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 17:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 17:58	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 15:43	CH	XEN MID

Client Sample ID: BH-197(4.5) Lab Sample ID: 890-1621-197

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 17:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 18:19	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: BH-197(4.5)

Lab Sample ID: 890-1621-197
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 15:51	CH	XEN MID

Client Sample ID: BH-198(4.5)

Lab Sample ID: 890-1621-198
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 18:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 18:40	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 16:17	CH	XEN MID

Client Sample ID: BH-199(4.5)

Lab Sample ID: 890-1621-199
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 18:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 19:01	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 16:25	CH	XEN MID

Client Sample ID: BH-200(4.5)

Lab Sample ID: 890-1621-200
Matrix: Solid
Date Collected: 11/19/21 00:00
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 18:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13811	12/02/21 17:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 19:22	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 16:50	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-201(4.5) Lab Sample ID: 890-1621-201

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 19:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 21:08	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 16:58	CH	XEN MID

Client Sample ID: BH-202(4.5) Lab Sample ID: 890-1621-202

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 19:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 22:11	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 17:07	CH	XEN MID

Client Sample ID: BH-203(4.5) Lab Sample ID: 890-1621-203

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 19:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 22:32	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 17:15	CH	XEN MID

Client Sample ID: BH-204(4.5) Lab Sample ID: 890-1621-204

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 20:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-204(4.5) Lab Sample ID: 890-1621-204

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 22:53	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 17:23	CH	XEN MID

Client Sample ID: BH-205(4.5) Lab Sample ID: 890-1621-205

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13160	11/24/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	13292	11/29/21 20:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 23:14	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 17:32	CH	XEN MID

Client Sample ID: BH-206(4.5) Lab Sample ID: 890-1621-206

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 16:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 23:35	AJ	XEN MID
Soluble	Leach	DI Leach			13328	11/29/21 10:47	CA	XEN MID
Soluble	Analysis	300.0		1	14089	12/06/21 17:40	CH	XEN MID

Client Sample ID: BH-207(4.5) Lab Sample ID: 890-1621-207

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 17:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/05/21 23:57	AJ	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-207(4.5) Lab Sample ID: 890-1621-207

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		1	14091	12/06/21 11:04	CH	XEN MID

Client Sample ID: BH-208(4.5) Lab Sample ID: 890-1621-208

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 17:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 00:18	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		1	14091	12/06/21 11:38	CH	XEN MID

Client Sample ID: BH-20994.5) Lab Sample ID: 890-1621-209

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 17:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 00:39	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		1	14091	12/06/21 11:49	CH	XEN MID

Client Sample ID: BH-210(4.5) Lab Sample ID: 890-1621-210

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 18:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 01:00	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		1	14091	12/06/21 12:00	CH	XEN MID

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-211(4.5) Lab Sample ID: 890-1621-211

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 18:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 01:42	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		5	14091	12/06/21 12:12	CH	XEN MID

Client Sample ID: BH-212(4.5) Lab Sample ID: 890-1621-212

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 18:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 02:02	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		5	14091	12/06/21 12:23	CH	XEN MID

Client Sample ID: BH-213(4.5) Lab Sample ID: 890-1621-213

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 19:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 02:23	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		5	14091	12/06/21 12:35	CH	XEN MID

Client Sample ID: BH-214(4.5) Lab Sample ID: 890-1621-214

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 19:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: BH-214(4.5) Lab Sample ID: 890-1621-214

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 02:45	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		5	14091	12/06/21 13:09	CH	XEN MID

Client Sample ID: BH-215(4.5) Lab Sample ID: 890-1621-215

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13159	11/24/21 10:09	KL	XEN MID
Total/NA	Analysis	8021B		1	13291	11/29/21 19:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 03:06	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		5	14091	12/06/21 13:20	CH	XEN MID

Client Sample ID: BH-216(4.5) Lab Sample ID: 890-1621-216

Date Collected: 11/19/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13161	11/24/21 10:16	KL	XEN MID
Total/NA	Analysis	8021B		1	13293	11/29/21 15:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	14097	12/06/21 15:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	14094	12/06/21 14:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			13812	12/02/21 17:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1	13930	12/06/21 03:27	AJ	XEN MID
Soluble	Leach	DI Leach			13335	11/29/21 11:01	CA	XEN MID
Soluble	Analysis	300.0		5	14091	12/06/21 13:54	CH	XEN MID

Client Sample ID: SW-1 Lab Sample ID: 890-1621-217

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31884	11/24/21 18:13	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/29/21 20:02	IS	XEN STF

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: SW-1 Lab Sample ID: 890-1621-217

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 16:04	WP	XEN STF

Client Sample ID: SW-2 Lab Sample ID: 890-1621-218

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31884	11/24/21 18:34	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/29/21 21:04	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 16:16	WP	XEN STF

Client Sample ID: SW-3 Lab Sample ID: 890-1621-219

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31884	11/24/21 18:54	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/29/21 21:25	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 16:28	WP	XEN STF

Client Sample ID: SW-4 Lab Sample ID: 890-1621-220

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31884	11/24/21 19:15	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/29/21 21:45	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 17:43	WP	XEN STF

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: SW-5 Lab Sample ID: 890-1621-221

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31884	11/24/21 19:35	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/29/21 22:06	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 17:55	WP	XEN STF

Client Sample ID: SW-6 Lab Sample ID: 890-1621-222

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31884	11/24/21 19:55	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32210	11/29/21 16:31	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/29/21 22:47	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 18:07	WP	XEN STF

Client Sample ID: SW-7 Lab Sample ID: 890-1621-223

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31884	11/24/21 20:16	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:17	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/29/21 23:08	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 18:20	WP	XEN STF

Client Sample ID: SW-8 Lab Sample ID: 890-1621-224

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31884	11/24/21 20:36	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: SW-8 Lab Sample ID: 890-1621-224

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/29/21 23:28	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 18:32	WP	XEN STF

Client Sample ID: SW-9 Lab Sample ID: 890-1621-225

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 15:20	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/29/21 23:48	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 18:44	WP	XEN STF

Client Sample ID: SW-10 Lab Sample ID: 890-1621-226

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 15:41	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 00:09	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32939	12/05/21 18:57	WP	XEN STF

Client Sample ID: SW-11 Lab Sample ID: 890-1621-227

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 16:01	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 00:29	IS	XEN STF

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: SW-11 Lab Sample ID: 890-1621-227

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/05/21 22:35	ANP	XEN STF

Client Sample ID: SW-12 Lab Sample ID: 890-1621-228

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31886	11/24/21 20:37	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 00:49	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/05/21 23:05	ANP	XEN STF

Client Sample ID: SW-13 Lab Sample ID: 890-1621-229

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32154	11/29/21 12:40	KLV	XEN STF
Total/NA	Analysis	8260C		1	32119	11/29/21 16:22	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 01:10	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/05/21 23:15	ANP	XEN STF

Client Sample ID: SW-14 Lab Sample ID: 890-1621-230

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31886	11/24/21 21:19	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 01:30	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/05/21 23:25	ANP	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: SW-15 Lab Sample ID: 890-1621-231

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31886	11/24/21 21:39	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 01:50	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/05/21 23:35	ANP	XEN STF

Client Sample ID: SW-16 Lab Sample ID: 890-1621-232

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31886	11/24/21 22:00	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 02:31	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 00:04	ANP	XEN STF

Client Sample ID: SW-17 Lab Sample ID: 890-1621-233

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31886	11/24/21 22:21	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 02:51	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 00:14	ANP	XEN STF

Client Sample ID: SW-18 Lab Sample ID: 890-1621-234

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31886	11/24/21 22:42	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: SW-18 Lab Sample ID: 890-1621-234

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 03:12	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 00:24	ANP	XEN STF

Client Sample ID: SW-19 Lab Sample ID: 890-1621-235

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	31886	11/24/21 23:03	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 03:32	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 00:34	ANP	XEN STF

Client Sample ID: SW-20 Lab Sample ID: 890-1621-236

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			31995	11/24/21 16:49	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 06:42	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32233	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32238	11/30/21 03:53	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 00:44	ANP	XEN STF

Client Sample ID: SW-21 Lab Sample ID: 890-1621-237

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32027	11/25/21 05:18	KLV	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32280	11/30/21 10:54	IS	XEN STF

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: SW-21 Lab Sample ID: 890-1621-237

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 00:54	ANP	XEN STF

Client Sample ID: SW-22 Lab Sample ID: 890-1621-238

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 07:04	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32280	11/30/21 11:49	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 01:23	ANP	XEN STF

Client Sample ID: SW-23 Lab Sample ID: 890-1621-239

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 07:26	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32280	11/30/21 12:07	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 01:33	ANP	XEN STF

Client Sample ID: SW-24 Lab Sample ID: 890-1621-240

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 07:48	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32135	11/29/21 19:07	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 02:32	ANP	XEN STF

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: SW-25 Lab Sample ID: 890-1621-241

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 08:10	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32135	11/29/21 19:25	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 02:42	ANP	XEN STF

Client Sample ID: SW-26 Lab Sample ID: 890-1621-242

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 08:32	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32135	11/29/21 19:43	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 02:52	ANP	XEN STF

Client Sample ID: SW-27 Lab Sample ID: 890-1621-243

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 08:55	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32135	11/29/21 20:02	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 03:02	ANP	XEN STF

Client Sample ID: SW-28 Lab Sample ID: 890-1621-244

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 09:17	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32223	11/29/21 17:29	EM	XEN STF

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Client Sample ID: SW-28 Lab Sample ID: 890-1621-244

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32135	11/29/21 20:20	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 03:12	ANP	XEN STF

Client Sample ID: SW-29 Lab Sample ID: 890-1621-245

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 09:39	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32135	11/29/21 20:39	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 03:22	ANP	XEN STF

Client Sample ID: SW-30 Lab Sample ID: 890-1621-246

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 10:01	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32135	11/29/21 20:57	IS	XEN STF
Total/NA	Prep	300_Prep			32956	12/04/21 21:23	ANP	XEN STF
Total/NA	Analysis	300.0		1	32954	12/06/21 03:32	ANP	XEN STF

Client Sample ID: SW-31 Lab Sample ID: 890-1621-247

Date Collected: 11/16/21 00:00 **Matrix: Solid**
Date Received: 11/23/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			32006	11/24/21 17:27	KLV	XEN STF
Total/NA	Analysis	8260C		1	32023	11/25/21 10:23	CSP	XEN STF
Total/NA	Analysis	Total BTEX		1	32272	11/30/21 09:14	EM	XEN STF
Total/NA	Analysis	8015 NM		1	32219	12/03/21 15:18	IS	XEN STF
Total/NA	Prep	8015NM Prep			32235	11/29/21 18:16	SAR	XEN STF
Total/NA	Analysis	8015B NM		1	32135	11/29/21 21:16	IS	XEN STF

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Client Sample ID: SW-31

Date Collected: 11/16/21 00:00
Date Received: 11/23/21 08:00

Lab Sample ID: 890-1621-247

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			32615	12/02/21 10:13	ANP	XEN STF
Total/NA	Analysis	300.0		1	32631	12/02/21 22:08	ANP	XEN STF

Laboratory References:

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

XEN STF = Eurofins Xenco, Stafford, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea 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	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Total TPH
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Xenco, Stafford

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	21-038-0	08-04-22
Florida	NELAP	E871002	06-30-22
Louisiana	NELAP	03054	06-30-22
Oklahoma	State	1306	08-31-22
Texas	NELAP	T104704215-21-44	06-30-22
Texas	TCEQ Water Supply	T104704215	12-31-21

Method Summary

Client: Tetra Tech, Inc. Job ID: 890-1621-1
Project/Site: Rattlesnake Pump Spill SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	XEN STF
Total BTEX	Total BTEX Calculation	TAL SOP	XEN STF
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN STF
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN STF
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN STF
300_Prep	Anions, Ion Chromatography, 10% Wt/Vol	MCAWW	XEN STF
5035	Closed System Purge and Trap	SW846	XEN MID
5035	Closed System Purge and Trap	SW846	XEN STF
8015NM Prep	Microextraction	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN STF
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

XEN STF = Eurofins Xenco, Stafford, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1621-1	BH-1 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-2	BH-2 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-3	BH-3 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-4	BH-4 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-5	BH-5 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-6	BH-6 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-7	BH-7 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-8	BH-8 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-9	BH-9 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-10	BH-10 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-11	BH-11 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-12	BH-12 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-13	BH-13 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-14	BH-14 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-15	BH-15 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-16	BH-16 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-17	BH-17 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-18	BH-18 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-19	BH-19 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-20	BH-20 (2)	Solid	11/16/21 00:00	11/23/21 08:00	2
890-1621-21	BH-21 (3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-22	BH-22 (3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-23	BH-23 (3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-24	BH-24 (3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-25	BH-25(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-26	BH-26(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-27	BH-27(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-28	BH-28(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-29	BH-29(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-30	BH-30(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-31	BH-31(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-32	BH-32(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-33	BH-33(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-34	BH-34(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-35	BH-35(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-36	BH-36(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-37	BH-37(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-38	BH-38(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-39	BH-39(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-40	BH-40(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-41	BH-41(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-42	BH-42(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-43	BH-43(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-44	BH-44(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-45	BH-45(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-46	BH-46(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-47	BH-47(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-48	BH-48(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-49	BH-49(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-50	BH-50(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-51	BH-51(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-52	BH-52(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-53	BH-53(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-54	BH-54(3)	Solid	11/17/21 00:00	11/23/21 08:00	3

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1621-55	BH-55(3)	Solid	11/17/21 00:00	11/23/21 08:00	3
890-1621-56	BH-56(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-57	BH-57(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-58	BH-58(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-59	BH-59(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-60	BH-60(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-61	BH-61(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-62	BH-62 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-63	BH-63 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-64	BH-64 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-65	BH-65(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-66	BH-66 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-67	BH-67 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-68	BH-68 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-69	BH-69 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-70	BH-70 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-71	BH-71 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-72	BH-72 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-73	BH-73 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-74	BH-74 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-75	BH-75 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-76	BH-76 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-77	BH-77 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-78	BH-78 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-79	BH-79 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-80	BH-80 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-81	BH-81 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-82	BH-82 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-83	BH-83 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-84	BH-84 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-85	BH-85 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-86	BH-86 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-87	BH-87 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-88	BH-88 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-89	BH-89 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-90	BH-90 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-91	BH-91 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-92	BH-92 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-93	BH-93 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-94	BH-94 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-95	BH-95 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-96	BH-96 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-97	BH-97 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-98	BH-98 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-99	BH-99 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-100	BH-100 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-101	BH-101 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-102	BH-102(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-103	BH-103(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-104	BH-104(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-105	BH-105(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-106	BH-106(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-107	BH-107(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-108	BH-108(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1621-109	BH-109(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-110	BH-110(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-111	BH-111(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-112	BH-112(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-113	BH-113(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-114	BH-114(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-115	BH-115(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-116	BH-116(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-117	BH-117(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-118	BH-118(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-119	BH-119(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-120	BH-120(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-121	BH-121(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-122	BH-122(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-123	BH-123(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-124	BH-124(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-125	BH-125(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-126	BH-126(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-127	BH-127(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-128	BH-128(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-129	BH-129(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-130	BH-130(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-131	BH-131(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-132	BH-132(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-133	BH-133(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-134	BH-134(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-135	BH-135(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-136	BH-136(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-137	BH-137(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-138	BH-138(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-139	BH-139(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-140	BH-140(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-141	BH-141(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-142	BH-142(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-143	BH-143(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-144	BH-144(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-145	BH-145(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-146	BH-146(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-147	BH-147(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-148	BH-148(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-149	BH-149(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-150	BH-150(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-151	BH-151(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-152	BH-152(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-153	BH-153(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-154	BH-154 (4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-155	BH-155(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-156	BH-156(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-157	BH-157(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-158	BH-158(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-159	BH-159(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-160	BH-160(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-161	BH-161(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-162	BH-162(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1621-163	BH-163(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-164	BH-164(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-165	BH-165(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-166	BH-166(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-167	BH-167(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-168	BH-168(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-169	BH-169(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-170	BH-170(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-171	BH-171(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-172	BH-172(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-173	BH-173(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-174	BH-174(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-175	BH-175(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-176	BH-176(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-177	BH-177(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-178	BH-178(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-179	BH-179(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-180	BH-180(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-181	BH-181(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-182	BH-182(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-183	BH-183(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-184	BH-184(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-185	BH-185(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-186	BH-186(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-187	BH-187(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-188	BH-188(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-189	BH-189(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-190	BH-190(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-191	BH-191(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-192	BH-192(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-193	BH-193(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-194	BH-194(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-195	BH-195(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-196	BH-196(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-197	BH-197(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-198	BH-198(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-199	BH-199(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-200	BH-200(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-201	BH-201(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-202	BH-202(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-203	BH-203(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-204	BH-204(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-205	BH-205(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-206	BH-206(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-207	BH-207(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-208	BH-208(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-209	BH-20994.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-210	BH-210(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-211	BH-211(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-212	BH-212(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-213	BH-213(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-214	BH-214(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-215	BH-215(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5
890-1621-216	BH-216(4.5)	Solid	11/19/21 00:00	11/23/21 08:00	4.5

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Rattlesnake Pump Spill

Job ID: 890-1621-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1621-217	SW-1	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-218	SW-2	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-219	SW-3	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-220	SW-4	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-221	SW-5	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-222	SW-6	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-223	SW-7	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-224	SW-8	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-225	SW-9	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-226	SW-10	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-227	SW-11	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-228	SW-12	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-229	SW-13	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-230	SW-14	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-231	SW-15	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-232	SW-16	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-233	SW-17	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-234	SW-18	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-235	SW-19	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-236	SW-20	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-237	SW-21	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-238	SW-22	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-239	SW-23	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-240	SW-24	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-241	SW-25	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-242	SW-26	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-243	SW-27	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-244	SW-28	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-245	SW-29	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-246	SW-30	Solid	11/16/21 00:00	11/23/21 08:00	
890-1621-247	SW-31	Solid	11/16/21 00:00	11/23/21 08:00	

Page 582 of 642

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

Fax (432) 682-3946

Client Name:	EOG Resources	Site Manager:	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	Sampler Signature:	Ezequiel Moreno
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)
	BH-1 (2')	11/16/2021			x				x			
	BH-2 (2')	11/16/2021			x				x			
	BH-3 (2')	11/16/2021			x				x			
	BH-4 (2')	11/16/2021			x				x			
	BH-5 (2')	11/16/2021			x				x			
	BH-6 (2')	11/16/2021			x				x			
	BH-7 (2')	11/16/2021			x				x			
	BH-8 (2')	11/16/2021			x				x			
	BH-9 (2')	11/16/2021			x				x			
	BH-10 (2')	11/16/2021			x				x			

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by: Date: 11/23/21 Time: 758

Received by: Date: 11.23.21 Time: 0800

Relinquished by: Date: Time:

Received by: Date: Time:

~~Relinquished by:~~ Date: Time:

Received by: Date: Time:

LAB USE ONLY

Sample Temperature 0.4 / 0.2 -0.2

T_NM009

REMARKS:

- [X] STANDARD
- [ ] ~~RUSH:~~ Same Day 24 hr 48 hr 72 hr
- [ ] ~~Rush Charges Authorized~~
- [ ] Special Report Limits or TRRP Report

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Page 422 of 477

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12/9/2021

Page 583 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-11 (2')	11/16/2021			x				x					x		x												x							
	BH-12 (2')	11/16/2021			x				x					x		x												x							
	BH-13 (2')	11/16/2021			x				x					x		x												x							
	BH-14 (2')	11/16/2021			x				x					x		x												x							
	~~BH-15 (2')~~	~~11/16/2021~~			x				x					x		x												x							
	BH-16 (2')	11/16/2021			x				x					x		x												x							
	BH-17 (2')	11/16/2021			x				x					x		x												x							
	BH-18 (2')	11/16/2021			x				x					x		x												x							
	BH-19 (2')	11/16/2021			x				x					x		x												x							
	BH-20 (2')	11/16/2021			x				x					x		x												x							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 754	Received by: Dave Gray
Relinquished by:	Date:	Time:	Received by:
~~Relinquished by:~~	Date:	Time:	Received by:

Date: 11-23-21 Time: 0800

LAB USE ONLY

Sample Temperature

REMARKS:

- [X] STANDARD
- [ ] ~~RUSH: Same Day 24 hr 48 hr 72 hr~~
- [ ] ~~Rush Charges Authorized~~
- [ ] Special Report Limits or TRRP Report

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Page 423 of 477

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Page 584 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)
	BH-21 (3')	11/17/2021			X				X				
	BH-22 (3')	11/17/2021			X				X				
	BH-23 (3')	11/17/2021			X				X				
	BH-24 (3')	11/17/2021			X				X				
	~~BH-25 (3')~~	~~11/17/2021~~			X				X				
	BH-26 (3')	11/17/2021			X				X				
	BH-27 (3')	11/17/2021			X				X				
	BH-28 (3')	11/17/2021			X				X				
	BH-29 (3')	11/17/2021			X				X				
	BH-30 (3')	11/17/2021			X				X				

ANALYSIS REQUEST
(Circle or Specify Method No.)

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

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Ezequiel Moreno	11/23/21	800	Clue Cruz	11.23.21	
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
~~Relinquished by:~~	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] ~~RUSH:~~ ~~Same Day~~ ~~24 hr~~ ~~48 hr~~ ~~72 hr~~
- [ ] ~~Rush Charges Authorized~~
- [ ] Special Report Limits or TRRP Report

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Page 585 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	BH-31 (3')	11/17/2021			x				x					x		x												x								
	BH-32 (3')	11/17/2021			x				x					x		x												x								
	BH-33 (3')	11/17/2021			x				x					x		x												x								
	BH-34 (3')	11/17/2021			x				x					x		x												x								
	~~BH-35 (3')~~	11/17/2021			x				x					x		x												x								
	BH-36 (3')	11/17/2021			x				x					x		x												x								
	BH-37 (3')	11/17/2021			x				x					x		x												x								
	BH-38 (3')	11/17/2021			x				x					x		x												x								
	BH-39 (3')	11/17/2021			x				x					x		x												x								
	BH-40 (3')	11/17/2021			x				x					x		x												x								

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 800	Received by: Cloe Cuzo
Relinquished by:	Date:	Time:	Received by:
~~Relinquished by:~~	Date:	Time:	Received by:

Date: 11-23-21 Time: 0800

LAB USE ONLY

Sample Temperature

REMARKS:

- [X] STANDARD
- [ ] ~~RUSH:~~ Same Day 24 hr 48 hr 72 hr
- [ ] ~~Rush Charges Authorized~~
- [ ] Special Report Limits or TRRP Report

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Page 425 of 477
12/9/2021

Page 586 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-41 (3')	11/17/2021			x				x					x		x												x							
	BH-42 (3')	11/17/2021			x				x					x		x												x							
	BH-43 (3')	11/17/2021			x				x					x		x												x							
	BH-44 (3')	11/17/2021			x				x					x		x												x							
	BH-45 (3')	11/17/2021			x				x					x		x												x							
	BH-46 (3')	11/17/2021			x				x					x		x												x							
	BH-47 (3')	11/17/2021			x				x					x		x												x							
	BH-48 (3')	11/17/2021			x				x					x		x												x							
	BH-49 (3')	11/17/2021			x				x					x		x												x							
	BH-50 (3')	11/17/2021			x				x					x		x												x							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 801	Received by: Clae Cuy	Date: 11.23.21	Time: 0800
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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12/9/2021
Page 426 of 477

Page 587 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance					Hold
	BH-51 (3')	11/17/2021			x				x					x		x												x								
	BH-52 (3')	11/17/2021			x				x					x		x												x								
	BH-53 (3')	11/17/2021			x				x					x		x												x								
	BH-54 (3')	11/17/2021			x				x					x		x												x								
	~~BH-55 (3')~~	11/17/2021			x				x					x		x												x								
	BH-56 (4.5')	11/19/2021			x				x					x		x												x								
	BH-57 (4.5')	11/19/2021			x				x					x		x												x								
	BH-58 (4.5')	11/19/2021			x				x					x		x												x								
	BH-59 (4.5')	11/19/2021			x				x					x		x												x								
	BH-60 (4.5')	11/19/2021			x				x					x		x												x								

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 801	Received by: Clive Cuta
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 11-23-21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 427 of 477
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Page 588 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-61 (4.5')	11/19/2021			X				X					X		X												X							
	BH-62 (4.5')	11/19/2021			X				X					X		X												X							
	BH-63 (4.5')	11/19/2021			X				X					X		X												X							
	BH-64 (4.5')	11/19/2021			X				X					X		X												X							
	~~BH-65 (4.5')~~	~~11/19/2021~~			X				X					X		X												X							
	BH-66 (4.5')	11/19/2021			X				X					X		X												X							
	BH-67 (4.5')	11/19/2021			X				X					X		X												X							
	BH-68 (4.5')	11/19/2021			X				X					X		X												X							
	BH-69 (4.5')	11/19/2021			X				X					X		X												X							
	BH-70 (4.5')	11/19/2021			X				X					X		X												X							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 801	Received by: Clue Cruz
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 11.23.21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 428 of 477

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Page 589 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-71 (4.5')	11/19/2021			X			X				X		X												X								
	BH-72 (4.5')	11/19/2021			X			X				X		X												X								
	BH-73 (4.5')	11/19/2021			X			X				X		X												X								
	BH-74 (4.5')	11/19/2021			X			X				X		X												X								
	~~BH-75 (4.5')~~	~~11/19/2021~~			~~X~~			~~X~~				~~X~~		~~X~~												~~X~~								
	BH-76 (4.5')	11/19/2021			X			X				X		X												X								
	BH-77 (4.5')	11/19/2021			X			X				X		X												X								
	BH-78 (4.5')	11/19/2021			X			X				X		X												X								
	BH-79 (4.5')	11/19/2021			X			X				X		X												X								
	BH-80 (4.5')	11/19/2021			X			X				X		X												X								

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 801	Received by: Cloe Cruz
Relinquished by:	Date:	Time:	Received by:
~~Relinquished by:~~	~~Date:~~	~~Time:~~	~~Received by:~~

Received by: Date: 11.23.21 Time: 0800

LAB USE ONLY
~~Sample Temperature~~

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 429 of 477
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Page 590 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-81 (4.5')	11/19/2021			x			x				x		x												x							
	BH-82 (4.5')	11/19/2021			x			x				x		x												x							
	BH-83 (4.5')	11/19/2021			x			x				x		x												x							
	BH-84 (4.5')	11/19/2021			x			x				x		x												x							
	~~BH-85 (4.5')~~	~~11/19/2021~~			x			x				x		x												x							
	BH-86 (4.5')	11/19/2021			x			x				x		x												x							
	BH-87 (4.5')	11/19/2021			x			x				x		x												x							
	BH-88 (4.5')	11/19/2021			x			x				x		x												x							
	BH-89 (4.5')	11/19/2021			x			x				x		x												x							
	BH-90 (4.5')	11/19/2021			x			x				x		x												x							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 802	Received by: Chase Cole
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 11.23.21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [x] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 430 of 477

Page 591 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-91 (4.5')	11/19/2021			x				x				x		x												x							
	BH-92 (4.5')	11/19/2021			x				x				x		x												x							
	BH-93 (4.5')	11/19/2021			x				x				x		x												x							
	BH-94 (4.5')	11/19/2021			x				x				x		x												x							
	~~BH-95 (4.5')~~	~~11/19/2021~~			x				x				x		x												x							
	BH-96 (4.5')	11/19/2021			x				x				x		x												x							
	BH-97 (4.5')	11/19/2021			x				x				x		x												x							
	BH-98 (4.5')	11/19/2021			x				x				x		x												x							
	BH-99 (4.5')	11/19/2021			x				x				x		x												x							
	BH-100 (4.5')	11/19/2021			x				x				x		x												x							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 802	Received by: Clue GAP
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 11.23.21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 431 of 477

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Page 592 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	BH-101 (4.5')	11/19/2021			X				X				X		X												X				
	BH-102 (4.5')	11/19/2021			X				X				X		X												X				
	BH-103 (4.5')	11/19/2021			X				X				X		X												X				
	BH-104 (4.5')	11/19/2021			X				X				X		X												X				
	~~BH-105 (4.5')~~	~~11/19/2021~~			X				X				X		X												X				
	BH-106 (4.5')	11/19/2021			X				X				X		X												X				
	BH-107 (4.5')	11/19/2021			X				X				X		X												X				
	BH-108 (4.5')	11/19/2021			X				X				X		X												X				
	BH-109 (4.5')	11/19/2021			X				X				X		X												X				
	BH-110 (4.5')	11/19/2021			X				X				X		X												X				

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 802	Received by: Clive Cap
Relinquished by:	Date:	Time:	Received by:
~~Relinquished by:~~	Date:	Time:	Received by:

Date: 11.23.21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 432 of 477
12/9/2021

Page 593 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-111 (4.5')	11/19/2021			X				X					X		X												X							
	BH-112 (4.5')	11/19/2021			X				X					X		X												X							
	BH-113 (4.5')	11/19/2021			X				X					X		X												X							
	BH-114 (4.5')	11/19/2021			X				X					X		X												X							
	~~BH-115 (4.5')~~	~~11/19/2021~~			X				X					X		X												X							
	BH-116 (4.5')	11/19/2021			X				X					X		X												X							
	BH-117 (4.5')	11/19/2021			X				X					X		X												X							
	BH-118 (4.5')	11/19/2021			X				X					X		X												X							
	BH-119 (4.5')	11/19/2021			X				X					X		X												X							
	BH-120 (4.5')	11/19/2021			X				X					X		X												X							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 803	Received by: Clue Cruz	Date: 11.23.21	Time: 0800
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 433 of 477

Page 594 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-121 (4.5')	11/19/2021			X				X				X		X												X							
	BH-122 (4.5')	11/19/2021			X				X				X		X												X							
	BH-123 (4.5')	11/19/2021			X				X				X		X												X							
	BH-124 (4.5')	11/19/2021			X				X				X		X												X							
	~~BH-125 (4.5')~~	~~11/19/2021~~			X				X				X		X												X							
	BH-126 (4.5')	11/19/2021			X				X				X		X												X							
	BH-127 (4.5')	11/19/2021			X				X				X		X												X							
	BH-128 (4.5')	11/19/2021			X				X				X		X												X							
	BH-129 (4.5')	11/19/2021			X				X				X		X												X							
	BH-130 (4.5')	11/19/2021			X				X				X		X												X							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 803	Received by: Cloe Cha
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 11-23-21 Time: 0800

LAB USE ONLY

Sample Temperature

REMARKS:

- [X] STANDARD
- [ ] ~~RUSH: Same Day 24 hr 48 hr 72 hr~~
- [ ] ~~Rush Charges Authorized~~
- [ ] Special Report Limits or TRRP Report

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Page 595 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-131 (4.5')	11/19/2021			X				X					X		X												X							
	BH-132 (4.5')	11/19/2021			X				X					X		X												X							
	BH-133 (4.5')	11/19/2021			X				X					X		X												X							
	BH-134 (4.5')	11/19/2021			X				X					X		X												X							
	~~BH-135 (4.5')~~	~~11/19/2021~~			X				X					X		X												X							
	BH-136 (4.5')	11/19/2021			X				X					X		X												X							
	BH-137 (4.5')	11/19/2021			X				X					X		X												X							
	BH-138 (4.5')	11/19/2021			X				X					X		X												X							
	BH-139 (4.5')	11/19/2021			X				X					X		X												X							
	BH-140 (4.5')	11/19/2021			X				X					X		X												X							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 803	Received by: Cloe Cuellar
Relinquished by:	Date:	Time:	Received by:
~~Relinquished by:~~	Date:	Time:	Received by:

Date: 11-23-21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 435 of 477

Page 596 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-141 (4.5')	11/19/2021			x				x					x		x												x							
	BH-142 (4.5')	11/19/2021			x				x					x		x												x							
	BH-143 (4.5')	11/19/2021			x				x					x		x												x							
	BH-144 (4.5')	11/19/2021			x				x					x		x												x							
	~~BH-145 (4.5')~~	~~11/19/2021~~			x				x					x		x												x							
	BH-146 (4.5')	11/19/2021			x				x					x		x												x							
	BH-147 (4.5')	11/19/2021			x				x					x		x												x							
	BH-148 (4.5')	11/19/2021			x				x					x		x												x							
	BH-149 (4.5')	11/19/2021			x				x					x		x												x							
	BH-150 (4.5')	11/19/2021			x				x					x		x												x							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 803	Received by: [signature]
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Received by: [signature] Date: 11-23-21 Time: 0800

LAB USE ONLY

~~Sample Temperature~~

REMARKS:

- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
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Page 436 of 477

Received by OCD: 1/4/2022 9:16:11 AM

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Page 597 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name: EOG Resources	Site Manager: Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	Sampler Signature: Ezequiel Moreno
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)
	BH-151 (4.5')	11/19/2021			x				x				
	BH-152 (4.5')	11/19/2021			x				x				
	BH-153 (4.5')	11/19/2021			x				x				
	BH-154 (4.5')	11/19/2021			x				x				
	~~BH-155 (4.5')~~	~~11/19/2021~~			x				x				
	BH-156 (4.5')	11/19/2021			x				x				
	BH-157 (4.5')	11/19/2021			x				x				
	BH-158 (4.5')	11/19/2021			x				x				
	BH-159 (4.5')	11/19/2021			x				x				
	BH-160 (4.5')	11/19/2021			x				x				

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Emmanuel Moreno	11/23/21	804	Clive Arp	11.23.21	0800
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

REMARKS:

[X] STANDARD

[ ] RUSH: Same Day 24 hr 48 hr 72 hr

[ ] Rush Charges Authorized

[ ] Special Report Limits or TRRP Report

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Page 437 of 477

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Page 598 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	BH-161 (4.5')	11/19/2021			X				X				X		X												X				
	BH-162 (4.5')	11/19/2021			X				X				X		X												X				
	BH-163 (4.5')	11/19/2021			X				X				X		X												X				
	BH-164 (4.5')	11/19/2021			X				X				X		X												X				
	BH-165 (4.5')	11/19/2021			X				X				X		X												X				
	BH-166 (4.5')	11/19/2021			X				X				X		X												X				
	BH-167 (4.5')	11/19/2021			X				X				X		X												X				
	BH-168 (4.5')	11/19/2021			X				X				X		X												X				
	BH-169 (4.5')	11/19/2021			X				X				X		X												X				
	BH-170 (4.5')	11/19/2021			X				X				X		X												X				

Relinquished by: E. Moreno	Date: 11/23/21	Time: 804	Received by: Chloe Gray
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 11-23-21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: ~~Same Day 24 hr 48 hr 72 hr~~
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 438 of 477

Page 599 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-171 (4.5')	11/19/2021			x				x					x		x												x							
	BH-172 (4.5')	11/19/2021			x				x					x		x												x							
	BH-173 (4.5')	11/19/2021			x				x					x		x												x							
	BH-174 (4.5')	11/19/2021			x				x					x		x												x							
	~~BH-175 (4.5')~~	~~11/19/2021~~			x				x					x		x												x							
	BH-176 (4.5')	11/19/2021			x				x					x		x												x							
	BH-177 (4.5')	11/19/2021			x				x					x		x												x							
	BH-178 (4.5')	11/19/2021			x				x					x		x												x							
	BH-179 (4.5')	11/19/2021			x				x					x		x												x							
	BH-180 (4.5')	11/19/2021			x				x					x		x												x							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 804	Received by: Clue Cruz	Date: 11.23.21	Time: 0800
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: ~~Same Day 24 hr 48 hr 72 hr~~
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 439 of 477

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Page 600 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-181 (4.5')	11/19/2021			x				x					x		x												x							
	BH-182 (4.5')	11/19/2021			x				x					x		x												x							
	BH-183 (4.5')	11/19/2021			x				x					x		x												x							
	BH-184 (4.5')	11/19/2021			x				x					x		x												x							
	~~BH-185 (4.5')~~	~~11/19/2021~~			~~x~~				~~x~~					x		x												x							
	BH-186 (4.5')	11/19/2021			x				x					x		x												x							
	BH-187 (4.5')	11/19/2021			x				x					x		x												x							
	BH-188 (4.5')	11/19/2021			x				x					x		x												x							
	BH-189 (4.5')	11/19/2021			x				x					x		x												x							
	BH-190 (4.5')	11/19/2021			x				x					x		x												x							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 805	Received by: Cloe Cuyo
Relinquished by:	Date:	Time:	Received by:
~~Relinquished by:~~	~~Date:~~	~~Time:~~	Received by:

Date: 11.23.21 Time: 0800

LAB USE ONLY

~~Sample Temperature~~

REMARKS:

- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 601 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-191 (4.5')	11/19/2021			X				X				X		X												X							
	BH-192 (4.5')	11/19/2021			X				X				X		X												X							
	BH-193 (4.5')	11/19/2021			X				X				X		X												X							
	BH-194 (4.5')	11/19/2021			X				X				X		X												X							
	BH-195 (4.5')	11/19/2021			X				X				X		X												X							
	BH-196 (4.5')	11/19/2021			X				X				X		X												X							
	BH-197 (4.5')	11/19/2021			X				X				X		X												X							
	BH-198 (4.5')	11/19/2021			X				X				X		X												X							
	BH-199 (4.5')	11/19/2021			X				X				X		X												X							
	BH-200 (4.5')	11/19/2021			X				X				X		X												X							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 805	Received by: [signature]
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 11-23-21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] 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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Page 441 of 477

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Page 602 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-201 (4.5')	11/19/2021			X				X					X		X												X							
	BH-202 (4.5')	11/19/2021			X				X					X		X												X							
	BH-203 (4.5')	11/19/2021			X				X					X		X												X							
	BH-204 (4.5')	11/19/2021			X				X					X		X												X							
	BH-205 (4.5')	11/19/2021			X				X					X		X												X							
	BH-206 (4.5')	11/19/2021			X				X					X		X												X							
	BH-207 (4.5')	11/19/2021			X				X					X		X												X							
	BH-208 (4.5')	11/19/2021			X				X					X		X												X							
	BH-209 (4.5')	11/19/2021			X				X					X		X												X							
	BH-210 (4.5')	11/19/2021			X				X					X		X												X							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 805	Received by: Luz Cruz
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 11.23.21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 442 of 477

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Page 603 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name: EOG Resources	**Site Manager:** Brittany Long
Project Name: Rattlesnake Pump Spill	
Project Location: (county, state) Lea County, New Mexico	**Project #:** 212C-MD-02560
Invoice to: EOG - Kevin Black	
Receiving Laboratory: Eurofins Xenco	**Sampler Signature:** Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	BH-211 (4.5')	11/19/2021			X				X					X		X												X							
	BH-212 (4.5')	11/19/2021			X				X					X		X												X							
	BH-213 (4.5')	11/19/2021			X				X					X		X												X							
	BH-214 (4.5')	11/19/2021			X				X					X		X												X							
	~~BH-215 (4.5')~~	~~11/19/2021~~			X				X					X		X												X							
	BH-216 (4.5')	11/19/2021			X				X					X		X												X							
	SW-1	11/16/2021			X				X					X		X												X							
	SW-2	11/16/2021			X				X					X		X												X							
	SW-3	11/16/2021			X				X					X		X												X							
	SW-4	11/16/2021			X				X					X		X												X							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 806	Received by: Cloe Cuff
Relinquished by:	Date:	Time:	Received by:
~~Relinquished by:~~	Date:	Time:	Received by:

Date: 11.23.21 Time: 0800

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 604 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	SW-5	11/16/2021			X				X				X		X													X							
	SW-6	11/16/2021			X				X				X		X													X							
	SW-7	11/16/2021			X				X				X		X													X							
	SW-8	11/16/2021			X				X				X		X													X							
	SW-9	11/16/2021			X				X				X		X													X							
	SW-10	11/16/2021			X				X				X		X													X							
	SW-11	11/16/2021			X				X				X		X													X							
	SW-12	11/16/2021			X				X				X		X													X							
	SW-13	11/16/2021			X				X				X		X													X							
	SW-14	11/16/2021			X				X				X		X													X							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 806	Received by: [signature]
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 11.23.21 Time: 0800

LAB USE ONLY

Sample Temperature

REMARKS:

- [X] STANDARD
- [ ] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Page 444 of 477
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Page 605 of 642

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	SW-15	11/16/2021			X				X					X		X												X							
	SW-16	11/16/2021			X				X					X		X												X							
	SW-17	11/16/2021			X				X					X		X												X							
	SW-18	11/16/2021			X				X					X		X												X							
	SW-19	11/16/2021			X				X					X		X												X							
	SW-20	11/16/2021			X				X					X		X												X							
	SW-21	11/16/2021			X				X					X		X												X							
	SW-22	11/16/2021			X				X					X		X												X							
	SW-23	11/16/2021			X				X					X		X												X							
	SW-24	11/16/2021			X				X					X		X												X							

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 807	Received by: Clay Clifton	Date: 11.23.21	Time: 0800
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] 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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Page 445 of 477
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Page 606 of 642

Analysis Request of Chain of Custody Record

12/9/2021

Tetra Tech, Inc.

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

Client Name:	EOG Resources	**Site Manager:**	Brittany Long
Project Name:	Rattlesnake Pump Spill		
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02560
Invoice to:	EOG - Kevin Black		
Receiving Laboratory:	Eurofins Xenco	**Sampler Signature:**	Ezequiel Moreno
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD None	# CONTAINERS	FILTERED (Y/N)
	SW-25	11/16/2021			x				x			
	SW-26	11/16/2021			x				x			
	SW-27	11/16/2021			x				x			
	SW-28	11/16/2021			x				x			
	SW-29	11/16/2021			x				x			
	SW-30	11/16/2021			x				x			
	SW-31	11/16/2021			x				x			

ANALYSIS REQUEST
(Circle or Specify Method No.)

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

Relinquished by: Ezequiel Moreno	Date: 11/23/21	Time: 807	Received by: Clint Ash 11.23.21
Relinquished by:	Date:	Time:	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY
Sample Temperature

REMARKS:
- [X] 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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Page 446 of 477

Received by OCD: 1/4/2022 9:16:11 AM

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Received by OCD: 1/4/2022 9:16:11 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana; NELAP Texas		Job #: 890-1621 1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
BH-1 (2) (890-1621-1)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-2 (2) (890-1621-2)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-3 (2) (890-1621-3)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-4 (2) (890-1621-4)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-5 (2) (890-1621-5)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-6 (2) (890-1621-6)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-7 (2) (890-1621 7)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-8 (2) (890-1621-8)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-9 (2) (890-1621-9)	11/16/21	Mountain		Solid			X	X	X	X	X								1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II, III IV Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature] 11 23-21			FedEX		
Relinquished by: FedEx	Date/Time:	Company	Received by: [signature]	Date/Time: 11/24/2021 10:06	Company EX
Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other	Temp: 2.4 IR ID:HOU-223 C/F:+0.0 Corrected Temp: 2.4

Ver 06/08/2021

Released to Imaging: 1/20/2022 8:51:58 AM
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Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 2 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana; NELAP Texas		Job #: 890-1621 1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
BH-10 (2) (890-1621-10)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-11 (2) (890-1621-11)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-12 (2) (890-1621-12)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-13 (2) (890-1621-13)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-14 (2) (890-1621-14)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-15 (2) (890-1621-15)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-16 (2) (890-1621-16)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-17 (2) (890-1621 17)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-18 (2) (890-1621-18)	11/16/21	Mountain		Solid			X	X	X	X	X								1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Clara Cantu 11.23.21			FedEX		
Relinquished by: FedEx	Date/Time:	Company	Received by: Paula Palmer	Date/Time: 11/24/2021 10:06	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp: 2.4 IR ID:HOU-223 C/F:+0.0 Corrected Temp: 2.4

Ver: 06/08/2021

Released to Imaging: 1/20/2022 8:51:58 AM
Received by OCD: 1/4/2022 9:16:11 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521 3
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 3 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana; NELAP Texas		Job #: 890-1621-1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
BH-19 (2) (890-1621-19)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-20 (2) (890-1621-20)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
BH-21 (3) (890-1621-21)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-22 (3) (890-1621-22)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-23 (3) (890-1621-23)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-24 (3) (890-1621-24)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-25(3) (890-1621-25)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-26(3) (890-1621-26)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-27(3) (890-1621-27)	11/17/21	Mountain		Solid			X	X	X	X	X								1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: 11-23-21			Received by: FedEX		
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 11/24/2021 10:06	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks
		Temp: 2 4 IR ID:HOU-223 C/F:+0.0 Corrected Temp: 2 4

Ver: 06/08/2021

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Received by OCD: 1/4/2022 9:16:11 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 4 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana; NELAP Texas		Job #: 890-1621-1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH-28(3) (890-1621-28)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-29(3) (890-1621-29)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-30(3) (890-1621-30)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-31(3) (890-1621-31)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-32(3) (890-1621-32)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-33(3) (890-1621-33)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-34(3) (890-1621-34)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-35(3) (890-1621-35)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-36(3) (890-1621-36)	11/17/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Clee Cup 11-23-21			FedEx		
Relinquished by: FedEx	Date/Time:	Company	Received by: Pedro Palmon	Date/Time: 11/24/2021 10:06	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp: 2.4 IR ID:HOU-223 C/F:+0.0 Corrected Temp: 2.4

Ver: 06/08/2021

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1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521 5
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 5 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana, NELAP Texas		Job #: 890-1621 1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
BH-37(3) (890-1621-37)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-38(3) (890-1621-38)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-39(3) (890-1621-39)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-40(3) (890-1621-40)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-41(3) (890-1621-41)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-42(3) (890-1621-42)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-43(3) (890-1621-43)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-44(3) (890-1621-44)	11/17/21	Mountain		Solid			X	X	X	X	X								1	
BH-45(3) (890-1621-40)	11/17/21	Mountain		Solid			X	X	X	X	X								1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: FedEx 11.23.21			Received by: FedEX		
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 11/24/2021 10:06	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C an

Temp: 2.4 IR ID:HOU-223
C/F: +0.0
Corrected Temp: 2.4

Ver: 06/08/2021

Released to Imaging: 1/20/2022 8:51:58 AM
Received by OCD: 1/4/2022 9:16:11 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521 6
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 6 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana; NELAP Texas		Job #: 890-1621 1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A HCL M Hexane
B NaOH N None
C Zn Acetate O AsNaO2
D Nitric Acid P Na2O4S
E NaHSO4 Q Na2SO3
F MeOH R Na2S2O3
G Amchlor S H2SO4
H Ascorbic Acid T TSP Dodecahydrate
I Ice U Acetone
J DI Water V MCAA
K EDTA W pH 4-5
L EDA Z other (specify)

Other

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH-46(3) (890-1621-46)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-47(3) (890-1621-47)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-48(3) (890-1621-48)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-49(3) (890-1621-49)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-50(3) (890-1621-50)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-51(3) (890-1621-51)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-52(3) (890-1621-52)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-53(3) (890-1621-53)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
BH-54(3) (890-1621-54)	11/17/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 11/24/2021 10:06	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other

Temp. 2.4 IR ID:HOU-223
C/F +0.0
Corrected Temp: 2.4

Ver 06/08/2021

Released to Imaging: 1/20/2022 8:51:58 AM
Received by OCD: 1/4/2022 9:16:11 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521 7
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 7 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana; NELAP Texas		Job #: 890-1621-1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016MOD_NM/8016NM_S_Prep (MOD) Full TPH	8016MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH-55(3) (890-1621-55)	11/17/21	Mountain		Solid			X	X	X	X	X	1	
SW-1 (890-1621-217)	11/16/21	Mountain		Solid			X	X	X	X	X	1	
SW-2 (890-1621-218)	11/16/21	Mountain		Solid			X	X	X	X	X	1	
SW-3 (890-1621-218)	11/16/21	Mountain		Solid			X	X	X	X	X	1	
SW-4 (890-1621-220)	11/16/21	Mountain		Solid			X	X	X	X	X	1	
SW-5 (890-1621-221)	11/16/21	Mountain		Solid			X	X	X	X	X	1	
SW-6 (890-1621-222)	11/16/21	Mountain		Solid			X	X	X	X	X	1	
SW-7 (890-1621-223)	11/16/21	Mountain		Solid			X	X	X	X	X	1	
SW-8 (890-1621-224)	11/16/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Clue Cup 11.23.21			FedEx		
Relinquished by: FedEx	Date/Time:	Company	Received by: Paula Palmer	Date/Time: 11/24/2021 10:06	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp: 2.4 IR ID:HOU-223 C/F:+0.0 Corrected Temp: 2.4	Ver: 06/08/2021

Released to Imaging: 1/20/2022 8:51:58 AM
Received by OCD: 1/4/2022 9:16:11 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521.8
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 8 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana; NELAP Texas		Job #: 890-1621 1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
SW-9 (890-1621-225)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-10 (890-1621-226)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-11 (890-1621-227)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-12 (890-1621-228)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-13 (890-1621-229)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-14 (890-1621-230)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-15 (890-1621-231)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-16 (890-1621-232)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-17 (890-1621-233)	11/16/21	Mountain		Solid			X	X	X	X	X								1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 11/24/2021 10:06	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Temp: 2.4 IR ID.HOU-223
C/F:+0.0
Corrected Temp: 2.4

Ver: 06/08/2021

Released to Imaging: 1/20/2022 8:51:58 AM
Received by OCD: 1/4/2022 9:16:11 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521.9
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 9 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana; NELAP Texas		Job #: 890-1621-1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

Other

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
SW-18 (890-1621-234)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-19 (890-1621-235)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-20 (890-1621-236)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-21 (890-1621-237)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-22 (890-1621-238)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-23 (890-1621-239)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-24 (890-1621-240)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-25 (890-1621-241)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-26 (890-1621-242)	11/16/21	Mountain		Solid			X	X	X	X	X								1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
11.23.21			FedEX		
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 11/24/2021 10:06	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C: Temp: 2.4 IR ID:HOU-223 C/F:+0.0 Corrected Temp: 2.4

Ver: 06/08/2021

Released to Imaging: 1/20/2022 8:51:58 AM
Received by OCD: 1/4/2022 9:16:11 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-521 10
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 10 of 10
Company: Eurofins Xenco		Accreditations Required (See note): NELAP Louisiana; NELAP Texas		Job #: 890-1621-1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/2/2021			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	8260C/5035FP_Calc BTEX	Total_BTEX	300_ORGFM_28D/300_Prep Chloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
SW-27 (890-1621-243)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-28 (890-1621-244)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-29 (890-1621-245)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-30 (890-1621-246)	11/16/21	Mountain		Solid			X	X	X	X	X								1	
SW-31 (890-1621-247)	11/16/21	Mountain		Solid			X	X	X	X	X								1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Clive Cafe 11.23.21 FedEx			FedEX		
			Pedro Palmon	11/24/2021 10:06	EX

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp: 24 IR ID HOU-223 C/F +0 0 Corrected Temp: 2.4

Ver: 06/08/2021

Page 617 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax. 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 1
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica.kramer@eurofinset com	State of Origin: New Mexico	Page: Page 1 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave ,	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site	SSOW#			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8016NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/6035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note.
			Preservation Code:										
BH-56(4 5) (890-1621-56)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-57(4 5) (890-1621-57)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-58(4 5) (890-1621-58)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-59(4 5) (890-1621-59)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-60(4 5) (890-1621-60)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-61(4 5) (890-1621-61)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-62 (4 5) (890-1621-62)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-63 (4 5) (890-1621-63)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-64 (4 5) (890-1621-64)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by: Dee Cruz 11-23-21	Date/Time:	Company	Received by: [signature]	Date/Time: 11-23-21	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 1649	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks. 3.3/3.4

Ver: 06/08/2021

Page 457 of 477
12/9/2021
Received by OCD: 1/4/2022 9:16:11 AM
Released to Imaging: 1/20/2022 8:51:58 AM

Page 618 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax. 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 2
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 2 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G - Amchlor, H Ascorbic Acid, I - Ice, J DI Water, K EDTA, L EDA, M Hexane, N - None, O AsNaO2, P - Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
Preservation Code:													
BH-65(4 5) (890-1621-65)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-66 (4 5) (890-1621-66)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-67 (4 5) (890-1621-67)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-68 (4 5) (890-1621-68)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-69 (4 5) (890-1621-69)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-70 (4 5) (890-1621-70)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-71 (4 5) (890-1621-71)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-72 (4 5) (890-1621-72)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-73 (4 5) (890-1621-73)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:
Relinquished by: Clue Autp 11-23-21	Date/Time	Company	Received by: JKRAMER Date/Time Company
Relinquished by	Date/Time	Company	Received by Date/Time Company
Relinquished by	Date/Time:	Company	Received by Date/Time Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 06/08/2021

Received by OCD: 1/4/2022 9:16:11 AM

Released to Imaging: 1/20/2022 8:51:58 AM

Page 619 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 3
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 3 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site	SSOW#:			

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH-74 (4 5) (890-1621-74)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-75 (4 5) (890-1621-75)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-76 (4 5) (890-1621-76)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-77 (4 5) (890-1621-77)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-78 (4 5) (890-1621-78)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-79 (4 5) (890-1621-79)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-80 (4 5) (890-1621-80)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-81 (4 5) (890-1621-81)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-82 (4 5) (890-1621-82)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Cue Arp 11-23-21			PKramek		
2						
3						

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Received by OCD: 1/4/2022 9:16:11 AM
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12/9/2021
Page 459 of 477

Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 4
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset com	State of Origin: New Mexico	Page: Page 4 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note.
Preservation Code:													
BH-83 (4 5) (890-1621-83)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-84 (4 5) (890-1621-84)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-85 (4 5) (890-1621-85)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-86 (4 5) (890-1621-86)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-87 (4 5) (890-1621-87)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-88 (4 5) (890-1621-88)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-89 (4 5) (890-1621-89)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-90 (4 5) (890-1621-90)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-91 (4 5) (890-1621-91)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note. Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

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Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time:	Method of Shipment.

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 06/08/2021

Page 620 of 642
Received by OCD: 1/4/2022 9:16:11 AM
12/9/2021
Page 460 of 477
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Page 621 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 890-520 5
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 5 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave ,	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH-92 (4 5) (890-1621-92)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-93 (4 5) (890-1621-93)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-94 (4 5) (890-1621-94)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-95 (4 5) (890-1621-95)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-96 (4 5) (890-1621-96)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-97 (4 5) (890-1621-97)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-98 (4 5) (890-1621-98)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-99 (4 5) (890-1621-99)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-100 (4 5) (890-1621-100)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

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Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
Clue 11.23.21			PKramer		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time.	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

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1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-520 6
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 6 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH-101 (4 5) (890-1621-101)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-102(4 5) (890-1621-102)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-103(4.5) (890-1621-103)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-104(4 5) (890-1621-104)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-105(4 5) (890-1621-105)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-106(4 5) (890-1621-106)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-107(4 5) (890-1621-107)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-108(4 5) (890-1621-108)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-109(4 5) (890-1621-109)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:
Relinquished by: Dee 11-23-21	Date/Time	Company	Received by: [signature] Date/Time Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Page 622 of 642
Received by OCD: 1/4/2022 9:16:11 AM
12/9/2021
Page 462 of 477
Released to Imaging: 1/20/2022 8:51:58 AM

Page 623 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone. 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 7
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 7 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O - AsNaO2, P Na2O4S, Q - Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W - pH 4-5, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
Preservation Code:													
BH-110(4 5) (890-1621-110)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-111(4 5) (890-1621-111)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-112(4 5) (890-1621-112)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-113(4 5) (890-1621-113)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-114(4 5) (890-1621-114)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-115(4 5) (890-1621-115)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-116(4 5) (890-1621-116)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-117(4 5) (890-1621-117)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-118(4 5) (890-1621-118)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:
Relinquished by: Dee 11-23-21	Date/Time	Company	Received by: JKramer Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by: Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 1/4/2022 9:16:11 AM

Released to Imaging: 1/20/2022 8:51:58 AM

Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad, NM 88220
Phone 575-988-3199 Fax. 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 8
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 8 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
Preservation Code:													
BH-119(4 5) (890-1621-119)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-120(4 5) (890-1621-120)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-121(4 5) (890-1621-121)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-122(4 5) (890-1621-122)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-123(4 5) (890-1621-123)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-124(4 5) (890-1621-124)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-125(4 5) (890-1621-125)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-126(4 5) (890-1621-126)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-127(4 5) (890-1621-127)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Dee 11.23.21					
Relinquished by	Date/Time.	Company	Received by: JKramer	Date/Time:	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Page 624 of 642
Received by OCD: 1/4/2022 9:16:11 AM
12/9/2021
Page 464 of 477
Released to Imaging: 1/20/2022 8:51:58 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 9
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 9 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/6036FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH-128(4 5) (890-1621-128)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-129(4 5) (890-1621-129)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-130(4 5) (890-1621-130)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-131(4 5) (890-1621-131)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-132(4 5) (890-1621-132)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-133(4 5) (890-1621-133)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-134(4 5) (890-1621-134)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-135(4 5) (890-1621-135)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-136(4 5) (890-1621-136)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by: Cue 11·23·21	Date/Time	Company	Received by: JKRAMER	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 06/08/2021

Page 625 of 642
Received by OCD: 1/4/2022 9:16:11 AM
12/9/2021
Page 465 of 477
Released to Imaging: 1/20/2022 8:51:58 AM

Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad, NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 890-520 10
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 10 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH-137(4 5) (890-1621-137)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-138(4 5) (890-1621-138)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-139(4 5) (890-1621-139)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-140(4 5) (890-1621-140)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-141(4 5) (890-1621-141)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-142(4 5) (890-1621-142)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-143(4 5) (890-1621-143)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-144(4 5) (890-1621-144)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-145(4 5) (890-1621-145)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:
Relinquished by: 11-23-21	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Page 626 of 642
Received by OCD: 1/4/2022 9:16:11 AM
12/9/2021
Page 466 of 477
Released to Imaging: 1/20/2022 8:51:58 AM

Page 627 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-520 11
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset com	State of Origin: New Mexico	Page: Page 11 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave ,	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note.
			Preservation Code:										
BH-146(4 5) (890-1621-146)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-147(4 5) (890-1621-147)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-148(4 5) (890-1621-148)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-149(4 5) (890-1621-149)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-150(4 5) (890-1621-150)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-151(4 5) (890-1621-151)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-152(4 5) (890-1621-152)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-153(4 5) (890-1621-153)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-154 (4 5) (890-1621-154)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment.

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Dave 11-23-21					
Relinquished by	Date/Time	Company	Received by	Date/Time:	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Received by OCD: 1/4/2022 9:16:11 AM
Page 467 of 477
12/9/2021
Released to Imaging: 1/20/2022 8:51:58 AM

Page 628 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 12
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 12 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave ,	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8016NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
Preservation Code:													
BH-155(4 5) (890-1621-155)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-156(4 5) (890-1621-156)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-157(4 5) (890-1621-157)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-158(4 5) (890-1621-158)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-159(4 5) (890-1621-159)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-160(4 5) (890-1621-160)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-161(4 5) (890-1621-161)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-162(4 5) (890-1621-162)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-163(4 5) (890-1621-163)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Received by OCD: 1/4/2022 9:16:11 AM

Released to Imaging: 1/20/2022 8:51:58 AM

Page 629 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone. 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-520 13
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 13 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note
			Preservation Code:										
BH-164(4 5) (890-1621-164)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-165(4 5) (890-1621-165)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-166(4 5) (890-1621-166)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-167(4 5) (890-1621-167)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-168(4 5) (890-1621-168)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-169(4 5) (890-1621-169)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-170(4 5) (890-1621-170)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-171(4 5) (890-1621-171)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-172(4 5) (890-1621-172)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date	Time.	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Clue Rup	11232				
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Received by OCD: 1/4/2022 9:16:11 AM

Page 469 of 477

Released to Imaging: 1/20/2022 8:51:58 AM

12/9/2021

Page 630 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-520 14
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 14 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q - Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U - Acetone, V MCAA, W pH 4-5, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH-173(4 5) (890-1621-173)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-174(4 5) (890-1621-174)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-175(4 5) (890-1621-175)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-176(4 5) (890-1621-176)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-177(4 5) (890-1621-177)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-178(4 5) (890-1621-178)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-179(4 5) (890-1621-179)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-180(4 5) (890-1621-180)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-181(4 5) (890-1621-181)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by: Clee Cruz 11-23-21	Date/Time:	Company	Received by: J Kramer	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 06/08/2021

Received by OCD: 1/4/2022 9:16:11 AM

Released to Imaging: 1/20/2022 8:51:58 AM

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone. 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-520 15
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 15 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave ,	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8016MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
BH-182(4 5) (890-1621-182)	11/19/21	Mountain		Solid				X	X	X	X	X	1	
BH-183(4 5) (890-1621-183)	11/19/21	Mountain		Solid				X	X	X	X	X	1	
BH-184(4 5) (890-1621-184)	11/19/21	Mountain		Solid				X	X	X	X	X	1	
BH-185(4 5) (890-1621-185)	11/19/21	Mountain		Solid				X	X	X	X	X	1	
BH-186(4 5) (890-1621-186)	11/19/21	Mountain		Solid				X	X	X	X	X	1	
BH-187(4 5) (890-1621-187)	11/19/21	Mountain		Solid				X	X	X	X	X	1	
BH-188(4 5) (890-1621-188)	11/19/21	Mountain		Solid				X	X	X	X	X	1	
BH-189(4 5) (890-1621-189)	11/19/21	Mountain		Solid				X	X	X	X	X	1	
BH-190(4 5) (890-1621-190)	11/19/21	Mountain		Solid				X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time.	Method of Shipment:
Relinquished by: Due 11.23.21	Date/Time:	Company	Received by: JKramer Date/Time Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time Company
Relinquished by:	Date/Time	Company	Received by: Date/Time Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 06/08/2021

Page 631 of 642
Received by OCD: 1/4/2022 9:16:11 AM
12/9/2021
Page 471 of 477
Released to Imaging: 1/20/2022 8:51:58 AM

Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone. 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 16
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 16 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note.
			Preservation Code:										
BH-191(4 5) (890-1621-191)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-192(4 5) (890-1621-192)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-193(4 5) (890-1621-193)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-194(4 5) (890-1621-194)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-195(4 5) (890-1621-195)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-196(4 5) (890-1621-196)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-197(4 5) (890-1621-197)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-198(4 5) (890-1621-198)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-199(4 5) (890-1621-199)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by: Dee 11:23-21	Date/Time	Company	Received by: Kramer	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No | Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Page 632 of 642
Received by OCD: 1/4/2022 9:16:11 AM
12/9/2021
Page 472 of 477
Released to Imaging: 1/20/2022 8:51:58 AM

Page 633 of 642

Eurofins Xenco, Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-520 17
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 17 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave ,	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #			
Email	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A - HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
Preservation Code:													
BH-200(4 5) (890-1621-200)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-201(4 5) (890-1621-201)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-202(4 5) (890-1621-202)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-203(4 5) (890-1621-203)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-204(4 5) (890-1621-204)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-205(4 5) (890-1621-205)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-206(4 5) (890-1621-206)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-207(4 5) (890-1621-207)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-208(4 5) (890-1621-208)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:
Relinquished by: 11-23-21	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Received by OCD: 1/4/2022 9:16:11 AM

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12/9/2021

Page 473 of 477

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-520 18
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 18 of 18
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-1621-1
Address: 1211 W Florida Ave	Due Date Requested: 12/2/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email:	WO #:			
Project Name: Rattlesnake Pump Spill	Project #: 88000013			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C - Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N - None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8016NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	8016MOD_Calc	Total Number of containers	Special Instructions/Note.
			Preservation Code:										
BH-20994 5) (890-1621-209)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-210(4 5) (890-1621-210)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-211(4 5) (890-1621-211)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-212(4 5) (890-1621-212)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-213(4 5) (890-1621-213)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-214(4 5) (890-1621-214)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-215(4 5) (890-1621-215)	11/19/21	Mountain		Solid			X	X	X	X	X	1	
BH-216(4 5) (890-1621-216)	11/19/21	Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date	Time	Method of Shipment.
Relinquished by: Dee 11-23-21	Date/Time	Company	Received by: [signature] Date/Time: Company
Relinquished by:	Date/Time	Company	Received by: Date/Time Company
Relinquished by:	Date/Time	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

Page 634 of 642
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12/9/2021
Page 474 of 477
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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1621-1
SDG Number: Lea County NM

Login Number: 1621
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, Carlsbad

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

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1621-1
SDG Number: Lea County NM

Login Number: 1621
List Number: 2
Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland
List Creation: 11/23/21 04:54 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	3.3/3.4
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").	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1621-1
SDG Number: Lea County NM

Login Number: 1621
List Number: 3
Creator: Palmar, Pedro

List Source: Eurofins Xenco, Stafford
List Creation: 11/24/21 11:47 AM

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?	N/A	
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	

CARDINAL Laboratories

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

December 20, 2021

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: RATTLESNAKE PUMP RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 12/17/21 13:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2021	Sampling Date:	12/17/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	RATTLESNAKE PUMP RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02560	Sample Received By:	Tamara Oldaker
Project Location:	EOG RESOURCES - LEA CO NM		

Sample ID: SW - 16 (H213657-01)

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	12/17/2021	ND	1.97	98.7	2.00	8.75	
Toluene*	<0.050	0.050	12/17/2021	ND	1.96	98.2	2.00	9.13	
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	1.95	97.6	2.00	8.88	
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.01	100	6.00	9.64	
Total BTEX	<0.300	0.300	12/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.1 %* *69.9-140*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/17/2021	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2021	ND	224	112	200	7.59	
DRO >C10-C28*	<10.0	10.0	12/17/2021	ND	231	116	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	12/17/2021	ND					

Surrogate: 1-Chlorooctane *97.1 %* *62-130*

Surrogate: 1-Chlorooctadecane *101 %* *54.5-135*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 641 of 642

Analysis Request of Chain of Custody Record

Page 1 of 1

Tetra Tech, Inc.

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

Client Name: EOG Resources

Site Manager: Brittany Long

Project Name: Rattlesnake Pump Spill

Brittany.Long@tetratech.com

Project Location: (county, state) Lea County, New Mexico

Project #: 212C-MD-02560

Invoice to: EOG - Kevin Black

Receiving Laboratory: Cardinal Labs

Sampler Signature:

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)
H213657											
1	SW-16	12/17/21	1115		X			X			

ANALYSIS REQUEST (Circle or Specify Method No.)

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

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	12/17/21	1330		12-17-21	1335
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature 4.8°C -0.5°C 4.3°C #113

REMARKS:

- ☐ 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 #:

ORIGINAL COPY

Received by OCD: 1/4/2022 9:16:11 AM

Released to Imaging: 1/20/2022 8:51:58 AM

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 70181

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 70181
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	1/20/2022