



August 12, 2021

District Supervisor
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

**Re: Release Characterization, Remediation, and Closure Report
ConocoPhillips (Heritage Concho)
Gettysburg State 002H CTB Release
Unit Letter C, Section 16, Township 23 South, Range 34 East
Lea County, New Mexico
Incident ID: NAPP2115338013**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred at the Gettysburg State 002H Central Tank Battery (associated API# 30-025-40874). The release footprint is located in Public Land Survey System (PLSS) Unit Letter C, Section 16, Township 23 South, Range 34 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.31098°, -103.47764°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release was discovered on May 17, 2021. As documented on the C-141 form, the cause of release is stated to be from a gasket failure at the top of the fire tube causing oil and water to spray out eventually igniting and catching fire. This resulted in the approximate release of 20 barrels (bbls) of produced water and 20 barrels (bbls) of crude oil.

The release was reported to have occurred within a gravel lined facility, on the developed well pad, and with minor overspray into the pasture. The approximate release extent is shown in Figure 3. Approximately 15 bbls of produced water were recovered after the release using a vacuum truck to remove freestanding fluids. The C-141 report form for the release was submitted to the New Mexico Oil Conservation District (NMOCD) on June 1, 2021. The NMOCD assigned this release Incident ID NAPP2115338013. The release area footprint was fenced as a portion of initial response activities.

SITE CHARACTERIZATION

A site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of low karst potential.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are two water wells within a ½ mile (800-meter) radius of the Site with an average depth to groundwater at 245 feet below ground surface (bgs). The site characterization data is included in Appendix B.

Tetra Tech

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REGULATORY FRAMEWORK

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site are as follows:

Constituent	Remediation RRAL
Chloride	20,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

Additionally, in accordance with the NMOCD guidance *Procedures for Implementation of the Spill Rule (19.15.29 NMAC)* (September 6, 2019), the following reclamation requirements for surface soils (0-4 feet bgs) outside of active oil and gas operations are as follows:

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg

INITIAL RESPONSE AND SITE ASSESSMENT

The approximate release extent is shown in Figure 3. As mentioned above, the release area footprint was fenced as a portion of initial response. In accordance with 19.15.29.8.B.(4) NMAC, which states “the responsible party may commence remediation immediately after discovery of a release”, COP elected to begin remediation of the impacted area in May 2021. According to the C-141, a vacuum truck was dispatched to remove all freestanding fluids.

In order to properly characterize the release footprint and achieve horizontal and vertical delineation of the release extent, Tetra Tech personnel conducted soil sampling following initial response activities. A total of twenty (20) borings were installed within and outside the release footprint using a hand auger and trenching on May 26, 2021. A total of five (5) borings (AH-1 through AH-5) were installed inside the release area footprint to achieve vertical delineation. A total of fifteen (15) borings (AH-6 through AH-12 and H-1 through H-8) were installed along the perimeter of the release extent as well as inside the tank battery's bermed area to achieve horizontal delineation. Soil samples collected were field screened for salinity parts per million (ppm) using an ExStik II EC 400 meter.

A total of forty-eight (48) samples were collected from the twenty (20) sampling locations and submitted to Xenco Laboratories (Xenco) in Midland, Texas to be analyzed for chlorides via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix C.

SUMMARY OF SAMPLING RESULTS

Results from the May 2021 soil sampling event are summarized in Table 1. The analytical results associated with the interior sampling locations AH-2 through AH-4 exceeded the Site reclamation requirement for chloride (600 mg/kg) in the 0'-0.5' sample interval, as well as the 1' sample at AH-2. The interior sampling locations AH-1 through AH-5 exceeded the Site reclamation requirement for TPH (100 mg/kg) in the 0'-0.5' sample interval, with sampling locations AH-1 and AH-2 exceeding the Site reclamation requirement for TPH (100 mg/kg) down to 1 foot bgs. Additionally, the interior sampling location AH-5 exceeded the Site reclamation RRAL for TPH (100 mg/kg) in the 1'-1.5' sample interval. There were no other analytical results which exceeded the Site reclamation requirements or remediation RRALs for TPH, chlorides, or BTEX in

the interior sampling locations. The analytical results associated with the samples collected from the perimeter locations (AH-6 through AH-12 and H-1 through H-8) were below both the Site reclamation requirements and remediation RRALs for all analyzed constituents. After review of the analytical results from the sampling event, both horizontal and vertical delineation was achieved during the May 2021 soil assessment activities.

REMEDIATION ACTIVITIES

Based on the analytical results and the initial C-141, COP elected to remove the remaining impacted material within the remainder of the release footprint as shown in Figure 4. In July and August 2021, visually impacted soils were initially excavated based on the reported release footprint and the assessment data. Excavation in the impacted areas continued down to a maximum depth of 1.5 feet bgs, until a representative sample from the walls and bottom of the excavation had a field screening value inferred as lower than the reclamation requirements for the site. Photographic documentation of the release excavation is included in Appendix D.

Soils in the vicinity of sample locations AH-1, AH-3, and AH-4 were excavated to 1 foot bgs based on the assessment data. Soils in the remainder of the footprint in the vicinity of sample locations AH-2 and AH-5 were excavated to 1.5 feet bgs. Impacted soils were excavated using heavy equipment (backhoes and track hoes) until a representative sample from the walls and bottom of the excavation was below the RRALs. Areas in the vicinity of subsurface lines were hand dug to the appropriate excavation depths. Approximately 352 cubic yards of excavated material were transported to the Northern Delaware Basin Landfill near Jal, New Mexico. Copies of the waste manifests are included in Appendix E.

CONFIRMATION SAMPLING RESULTS

In accordance with 19.15.29.12(D)(1)(b) NMAC, ConocoPhillips conducted confirmation sampling of the remediated area for verification of remedial activities where each sidewall and floor sample was representative of approximately 200 square feet. A total of fifteen (15) floor samples and twenty-four (24) sidewall samples were collected during the remedial activities occurring in July and August 2021.

Confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed for TPH, BTEX, and chloride within appropriate holding times by Xenco. As this is an active, developed well pad, the confirmation samples were field screened with an ExStik EC400 for salinity. For the health and safety of onsite workers, after confirmation sampling, the open excavation was fenced off to await confirmation sample analytical results.

The total remediated area encompassed a surface area of approximately 6,700 square feet. Each confirmation sample laboratory analytical result was directly compared to the proposed RRALs to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below the respective RRALs for BTEX, TPH and chlorides. Results from the July to August 2021 confirmation sampling event are summarized in Table 2.

Release Characterization, Remediation, and Closure Report
August 12, 2021

ConocoPhillips

CONCLUSION

ConocoPhillips has completed remediation at the release site. This final closure report has been submitted within 90 days of discovery of the release. This final closure report details the release characterization and remediation activities and the results of the confirmation sampling.

If you have any questions concerning the soil assessment, the remediation work, or confirmation sampling for the Site, please call me at (512) 338-2861.

Sincerely,
Tetra Tech, Inc.

A handwritten signature in blue ink, appearing to read 'CLL', is positioned above the printed name of the sender.

Christian M. Llull, P.G.
Project Manager

cc:
Ms. Kelsy Waggaman, GPBU – ConocoPhillips
Mr. Luke Alejandro, GPBU – ConocoPhillips

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Assessment
- Figure 4 – Remediation Extents and Confirmation Sampling Locations

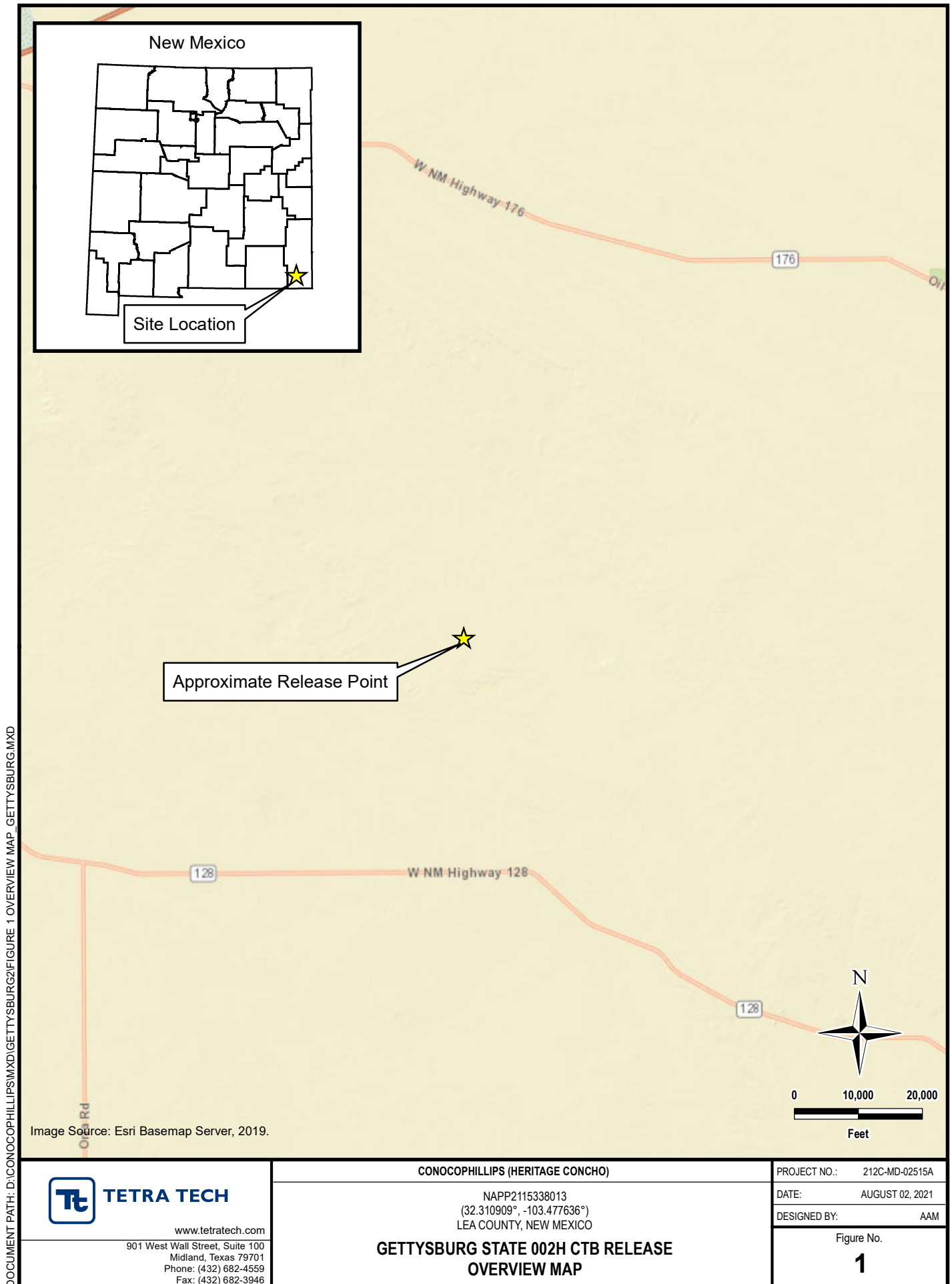
Tables:

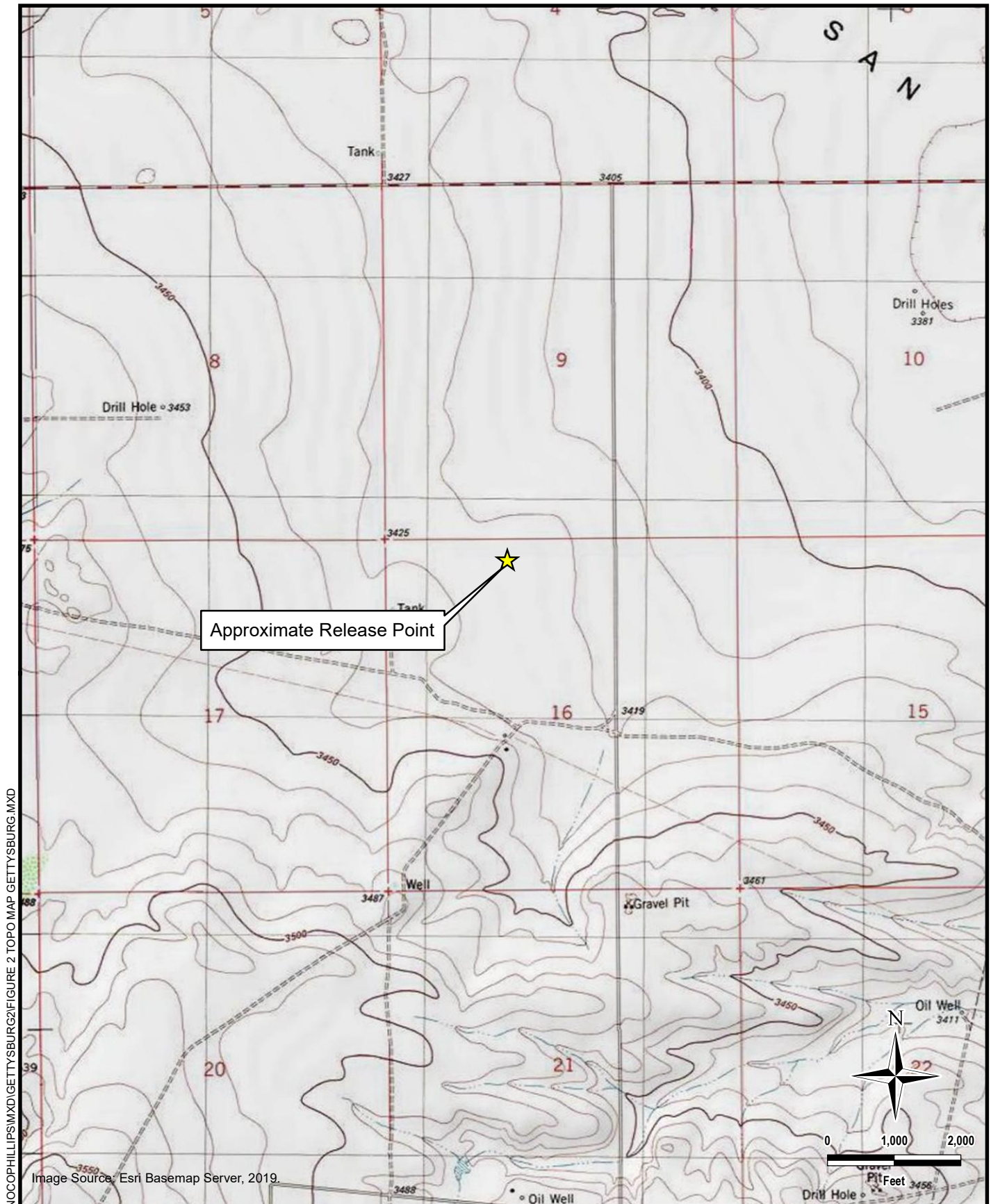
- Table 1 – Summary of Analytical Results – Initial Soil Assessment
- Table 2 – Summary of Analytical Results – Confirmation Sampling

Appendices:

- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Laboratory Analytical Data
- Appendix D – Photographic Documentation
- Appendix E – Waste Manifests

FIGURES





DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\GETTYSBURG2\FIGURE 2 TOPO MAP GETTYSBURG.MXD


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CONOCOPHILLIPS (HERITAGE CONCHO)

 NAPP2115338013
 (32.310909°, -103.477636°)
 LEA COUNTY, NEW MEXICO

GETTYSBURG STATE 002H CTB RELEASE TOPOGRAPHIC MAP

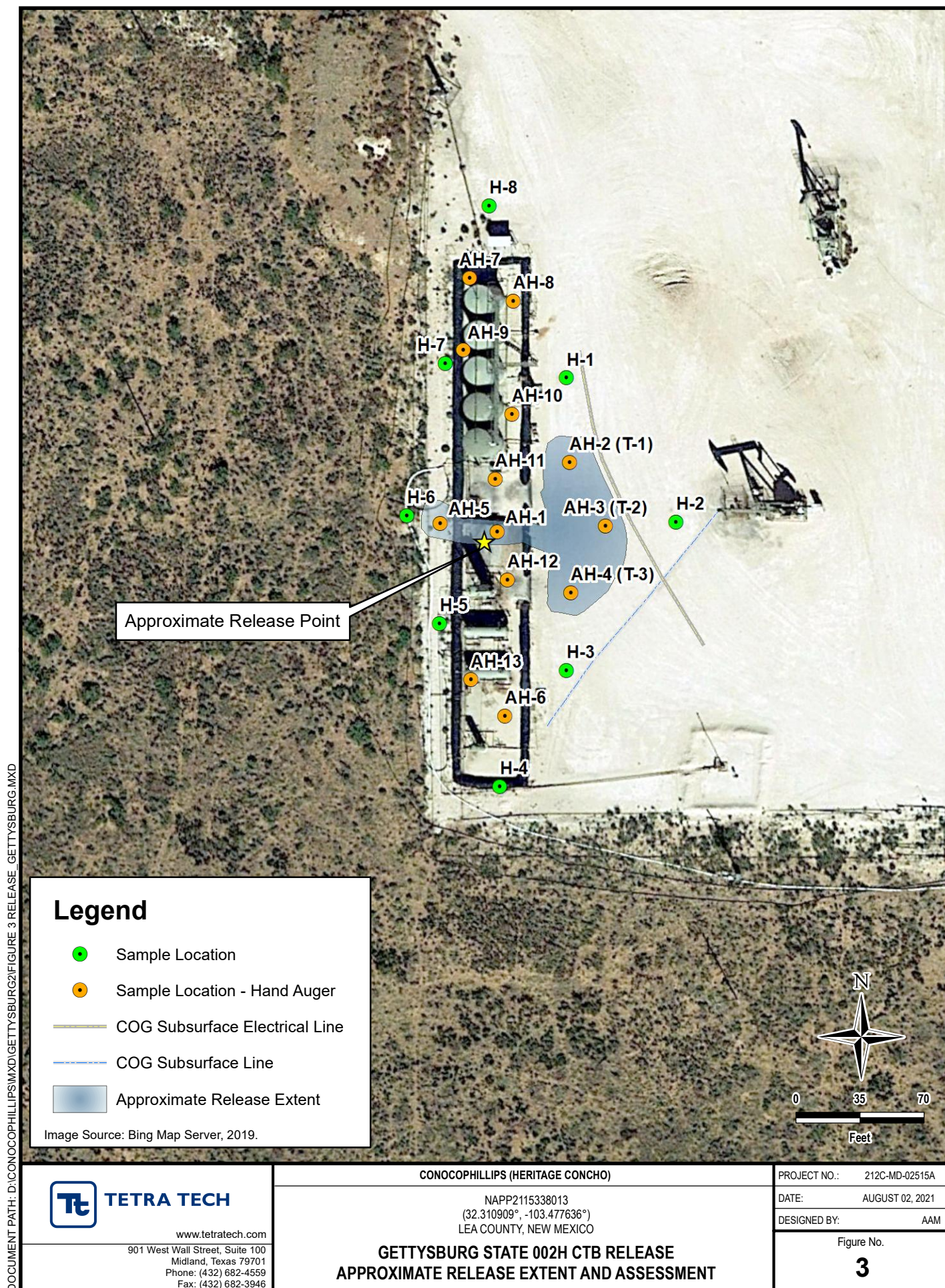
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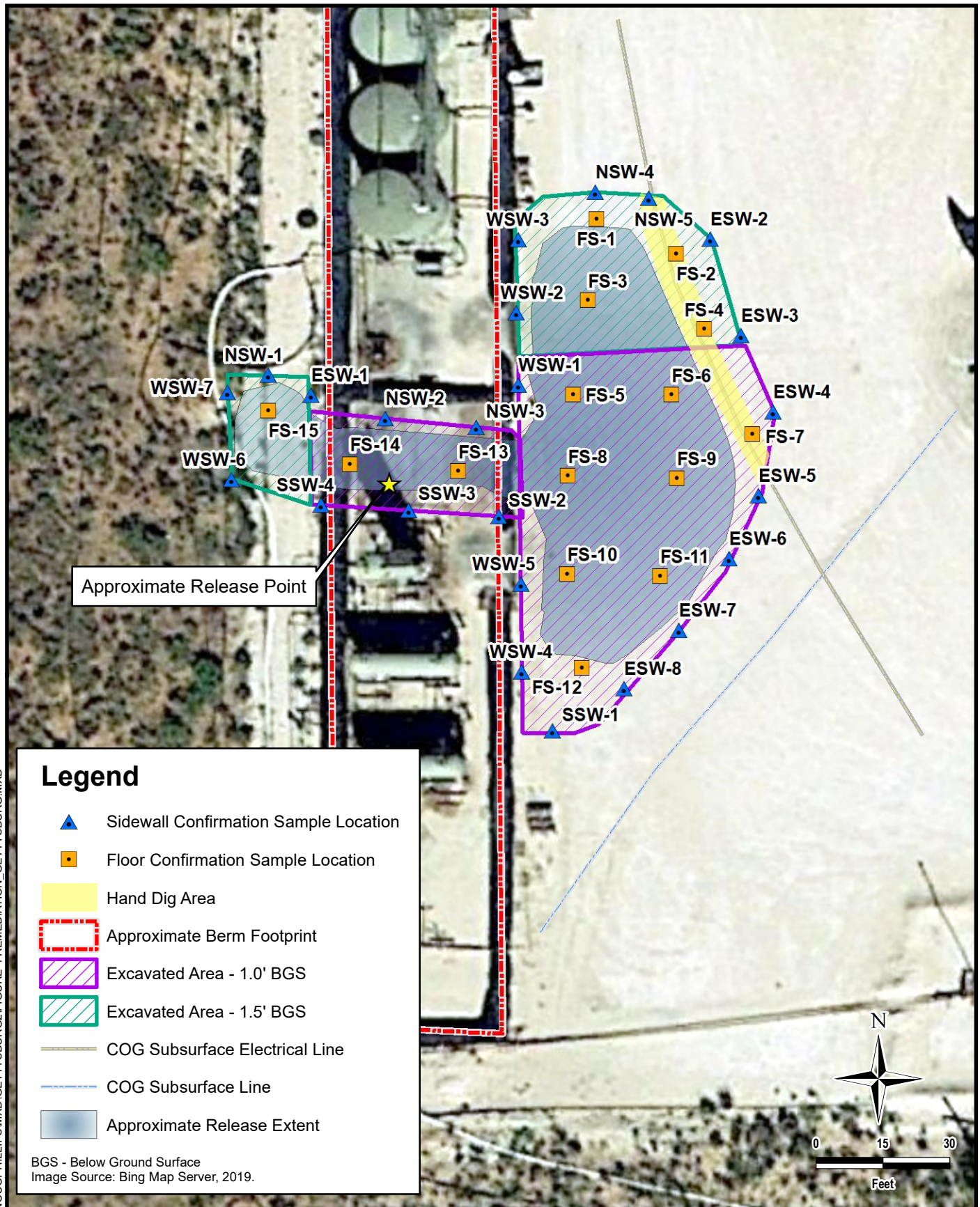
DATE: AUGUST 02, 2021

DESIGNED BY: AAM

Figure No.

2





DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\GETTYSBURG2\FIGURE 4 REMEDIATION GETTYSBURG.MXD

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CONOCOPHILLIPS (HERITAGE CONCHO)

NAPP2115338013
(32.310909°, -103.477636°)
LEA COUNTY, NEW MEXICO

**GETTYSBURG STATE 002H CTB RELEASE
REMEDATION EXTENTS AND CONFIRMATION SAMPLING LOCATIONS**

PROJECT NO.: 212C-MD-02515A

DATE: AUGUST 10, 2021

DESIGNED BY: AAM

Figure No.

4

TABLES

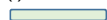
TABLE 1
SUMMARY OF ANALYTICAL DATA
INITIAL SOIL ASSESSMENT
HCXO-CONOCOPHILLIPS
GETTYSBURG STATE 002H CTB RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth (ft)	Chloride (mg/kg)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)
				GRO	DRO	MRO	Total					
AH-1	5/26/2021	0 - 1	48.8	<49.8	176	<49.8	176	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401
	5/26/2021	1 - 1.5	24.6	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	0.021	0.021
	5/26/2021	2 - 2.5	9.46	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	0.00542	0.00542
	5/26/2021	3 - 3.5	23	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
AH-2 (T-1)	5/26/2021	0-0.5	791	<49.9	283	<49.9	283	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
	5/26/2021	1.0	732	<49.8	346	<49.8	346	0.00228	0.0047	<0.00198	0.00692	0.0139
	5/26/2021	2.0	405	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
	5/26/2021	3.0	42.7	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
	5/26/2021	4.0	234	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
AH-3 (T-2)	5/26/2021	0 - 0.5	614	<49.9	5240	<49.9	5240	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
	5/26/2021	1.0	108	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
	5/26/2021	2.0	73.6	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
	5/26/2021	3.0	47.8	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
	5/26/2021	4.0	11.3	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
AH-4 (T-3)	5/26/2021	0 - 0.5	1,010	<49.8	320	<49.8	320	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396
	5/26/2021	1.0	16.7	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
	5/26/2021	2.0	10.1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
	5/26/2021	3.0	9.7	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
	5/26/2021	4.0	9.28	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401
AH-5	5/26/2021	0 - 1	19.9	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
	5/26/2021	1 - 1.5	21	<49.8	122	<49.8	122	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
	5/26/2021	2 - 2.5	11.7	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
	5/26/2021	3 - 3.5	11.9	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
AH-6	5/26/2021	0 - 1	232	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
	5/26/2021	1 - 1.5	125	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397
AH-7	5/26/2021	0 - 1	87.3	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401
	5/26/2021	1 - 1.5	103	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
AH-8	5/26/2021	0 - 1	131	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
	5/26/2021	1 - 1.5	110	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
AH-9	5/26/2021	0 - 1	137	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
	5/26/2021	1 - 1.5	120	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398

TABLE 1
SUMMARY OF ANALYTICAL DATA
INITIAL SOIL ASSESSMENT
HCXO-CONOCOPHILLIPS
GETTYSBURG STATE 002H CTB RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth (ft)	Chloride (mg/kg)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)
				GRO	DRO	MRO	Total					
AH-10	5/26/2021	0 - 1	21.3	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
	5/26/2021	1 - 1.5	33.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
	5/26/2021	2 - 2.5	20.1	<49.7	85.8	<49.7	85.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401
AH-11	5/26/2021	0 - 1	20.6	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
	5/26/2021	1 - 1.5	24.1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
	5/26/2021	2 - 2.5	14.9	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
AH-12	5/26/2021	0 - 1	87.6	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
	5/26/2021	1 - 1.5	119	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
	5/26/2021	2 - 2.5	6.44	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
H-1	5/26/2021	0 - 0.5	7	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397
H-2	5/26/2021	0 - 0.5	14.6	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
H-3	5/26/2021	0 - 0.5	<4.97	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
H-4	5/26/2021	0 - 0.5	<4.96	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
H-5	5/26/2021	0 - 0.5	6.86	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
H-6	5/26/2021	0 - 0.5	31.7	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396
H-7	5/26/2021	0 - 0.5	169	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401
H-8	5/26/2021	0 - 0.5	175	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401

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Not Analyzed

Proposed Excavation

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING
hCXO - CONOCOPHILLIPS
GETTYSBURG STATE 002H CTB RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field	Chloride ²	BTEX ²														TPH ³									
			Benzene		Toluene		Ethylbenzene		m,p-Xylene		o-Xylene		Total Xylenes		Total BTEX		GRO		DRO		ORO		Total TPH					
			mg/kg		Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q			
ft. bgs	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q			
FS-1 (1.5')	7/30/2021	1.5	298	357		< 0.00200		< 0.00200		< 0.00200		< 0.00400		< 0.20000	F1	< 0.00400		< 0.00400		< 50.0		< 50.0		< 50.0				
FS-2 (1.5')	7/30/2021	1.5	263	238		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 49.9		< 49.9		< 49.9				
FS-3 (1.5')	7/30/2021	1.5	265	173		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 50.0		< 50.0		< 50.0				
FS-4 (1.5')	7/30/2021	1.5	198	188		< 0.00198		< 0.00198		< 0.00198		< 0.00396		< 0.00198		< 0.00396		< 0.00396		< 50.0		< 50.0		< 50.0				
FS-5 (1.5')	7/30/2021	1	34.6	18.8		< 0.00202		< 0.00202		< 0.00202		< 0.00403		< 0.00202		< 0.00403		< 0.00403		< 49.8		< 49.8		< 49.8				
FS-6 (1')	7/30/2021	1	185	204		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 49.7		< 49.7		< 49.7				
FS-7 (1')	7/30/2021	1	84.5	61.6		< 0.00200		< 0.00200		< 0.00200		< 0.00399		< 0.00200		< 0.00399		< 0.00399		< 49.9		< 49.9		< 49.9				
FS-8 (1')	7/30/2021	1	46.7	19.5		< 0.00200		< 0.00200		< 0.00200		< 0.00400		< 0.00200		< 0.00400		< 0.00400		< 50.0		< 50.0		< 50.0				
FS-9 (1')	7/30/2021	1	113	96.1		< 0.00200		< 0.00200		< 0.00200		< 0.00401		< 0.00200		< 0.00401		< 0.00401		< 50.0		< 50.0		< 50.0				
FS-10 (1')	7/30/2021	1	123	42.8	F1	< 0.00198		< 0.00198		< 0.00198		< 0.00396		< 0.00198		< 0.00396		< 0.00396		< 49.9		< 49.9		< 49.9				
FS-11 (1')	7/30/2021	1	184	217		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 50.0		< 50.0		< 50.0				
FS-12 (1')	7/30/2021	1	60.3	11.9		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 50.0		< 50.0		< 50.0				
FS-13 (1')	7/30/2021	1	53.8	20.1		< 0.00200		< 0.00200		< 0.00200		< 0.00399		< 0.00200		< 0.00399		< 0.00399		< 50.0	*. *1	< 50.0		< 50.0				
FS-14 (1')	7/30/2021	1	204	128		< 0.00200		< 0.00200		< 0.00200		< 0.00400		< 0.00200		< 0.00400		< 0.00400		< 49.9	*. *1	< 49.9		< 49.9				
FS-15 (1.5')	7/30/2021	1.5	39.2	< 4.95		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 50.0	*. *1	< 50.0		< 50.0				
NSW-1	7/30/2021	-	69.6	15.5		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 50.0	*. *1	< 50.0		< 50.0				
NSW-2	7/30/2021	-	54.3	< 5.01		< 0.00200		< 0.00200		< 0.00200		< 0.00399		< 0.00200		< 0.00399		< 0.00399		< 49.9	*. *1	< 49.9		< 49.9				
NSW-3	7/30/2021	-	162	81.0		< 0.00200		< 0.00200		< 0.00200		< 0.00399		< 0.00200		< 0.00399		< 0.00399		< 50.0	*. *1	< 50.0		< 50.0				
NSW-4	7/30/2021	-	21.3	197		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 49.9		< 49.9		< 49.9				
NSW-5	7/30/2021	-	80.2	41.6		< 0.00201		< 0.00201		< 0.00201		< 0.00402		< 0.00201		< 0.00402		< 0.00402		< 50.0		< 50.0		< 50.0				
ESW-1	7/30/2021	-	104	63.8		< 0.00200		< 0.00200		< 0.00200		< 0.00401		< 0.00200		< 0.00401		< 0.00401		< 50.0	*. *1	< 50.0		< 50.0				
ESW-2	7/30/2021	-	218	347		< 0.00202		< 0.00202		< 0.00202		< 0.00404		0.00214		< 0.00404		< 0.00404		< 50.0		< 50.0		< 50.0				
ESW-3	7/30/2021	-	203	205		< 0.00200		< 0.00200		< 0.00200		< 0.00401		< 0.00200		< 0.00401		< 0.00401		< 50.0		< 50.0		< 50.0				
ESW-4	7/30/2021	-	113	80.8		< 0.00200		< 0.00200		< 0.00200		< 0.00399		< 0.00200		< 0.00399		< 0.00399		< 49.8		< 49.8		< 49.8				
ESW-5	7/30/2021	-	182	173		< 0.00198		< 0.00198		< 0.00198		< 0.00397		< 0.00198		< 0.00397		< 0.00397		< 49.7		< 49.7		< 49.7				
ESW-6	7/30/2021	-	138	112		< 0.00200		< 0.00200		< 0.00200		< 0.00400		< 0.00200		< 0.00400		< 0.00400		< 49.9		< 49.9		< 49.9				
ESW-7	7/30/2021	-	208	80.8		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 50.0		< 50.0		< 50.0				
ESW-8	7/30/2021	-	110	53.2		< 0.00198		< 0.00198		< 0.00198		< 0.00396		< 0.00198		< 0.00396		< 0.00396		< 50.0		< 50.0		< 50.0				
SSW-1	7/30/2021	-	86.2	25.0		< 0.00200		< 0.00200		< 0.00200		< 0.00399		< 0.00200		< 0.00399		< 0.00399		< 50.0		< 50.0		< 50.0				
SSW-2	7/30/2021	-	59.3	22.8		< 0.00199		< 0.00199		< 0.00199		< 0.00398		< 0.00199		< 0.00398		< 0.00398		< 50.0	*. *1	< 50.0		< 50.0				
SSW-3	7/30/2021	-	54.6	76.0		< 0.00198		< 0.00198		0.00260		< 0.00396		< 0.00198		< 0.00396		< 0.00396		< 49.9	*. *1	< 49.9		< 49.9				
SSW-4	7/30/2021	-	117	16.8		< 0.00199		< 0.00199		< 0.00199		< 0.00398		0.00231		< 0.00398		< 0.00398		< 49.9	*. *1	< 49.9		< 49.9				
WSW-1	7/30/2021	-	151	138	F1	< 0.00198		< 0.00198		< 0.00198		< 0.00396		< 0.00198		< 0.00396		< 0.00396		< 49.9		< 49.9		< 49.9				
WSW-2	7/30/2021	-	236	210		< 0.00200		< 0.00200		< 0.00200		< 0.00399		< 0.00200		< 0.00399		< 0.00399		< 50.0		< 50.0		< 50.0				
WSW-3	7/30/2021	-	124	89.7		< 0.00198		< 0.00198		< 0.00198		< 0.00397		< 0.00198		< 0.00397		< 0.00397		< 50.0		< 50.0		< 50.0				
WSW-4	7/30/2021	-	87.2	43.3		< 0.00200		< 0.00200		< 0.00200		< 0.00400		< 0.00200		< 0.00400		< 0.00400		< 49.9		< 49.9		< 49.9				
WSW-5	7/30/2021	-	98.1	36.2		< 0.00198		< 0.00198		< 0.00198		< 0.00397		< 0.00198		< 0.00397		< 0.00397		< 49.9		< 49.9		< 49.9				
WSW-6	7/30/2021	-	36.3	368		< 0.00200		< 0.00200		< 0.00200		< 0.00399		< 0.00200		< 0.00399		< 0.00399		< 49.9	*. *1	< 49.9		< 49.9				
WSW-7	7/30/2021	-	263	427		< 0.00198		< 0.00198		< 0.00198		< 0.00397		< 0.00198		< 0.00397		< 0.00198		< 50.0	*. *1	< 50.0		< 50.0				

NOTES:

ft. Feet
bgs Below ground surface
ppm Parts per million
mg/kg Milligrams per kilogram
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics
ORO Oil range organics
1 EPA Method 300.0
2 EPA Method 8021B
3 EPA Method 8015B NM

Bold and italicized values indicate exceedance of proposed Remediation RRALs and Reclamation Requirements.

Gold highlight represents soil horizons that were removed during deepening of excavation floors.

Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.

* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in ().

QUALIFIERS:

F1 MS and/or MSD recovery exceeds control limits.

*. LCS and/or LCSD is outside acceptance limits, low biased.

*1 LCS/LCSD RPD exceeds control limits.

APPENDIX A C-141 Forms

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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		

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
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 <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: <u>Patricia Zapanta</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

L48 Spill Volume Estimate Form									
Facility Name & Number:		Gettysburg State 002H							
Asset Area:		NDB-East							
Release Discovery Date & Time:		5/17/2021							
Release Type:		Oil Mixture							
Provide any known details about the event:		20 bbls PO 20 bbls PW - 5 bbls PW recovered							
Spill Calculation - Subsurface Spill - Rectangle									
Was the release on pad or off-pad?		See reference table below							
Has it rained at least a half inch in the last 24 hours?		See reference table below							
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Depth (in.)	Soil Spilled-Fluid Saturation	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	40.0	40.0	1.75	10.50%	41.533	4.361		0.000	4.361
Rectangle B					0.000	0.000		0.000	0.000
Rectangle C					0.000	0.000		0.000	0.000
Rectangle D					0.000	0.000		0.000	0.000
Rectangle E					0.000	0.000		0.000	0.000
Rectangle F					0.000	0.000		0.000	0.000
Rectangle G					0.000	0.000		0.000	0.000
Rectangle H					0.000	0.000		0.000	0.000
Rectangle I					0.000	0.000		0.000	0.000
Rectangle J					0.000	0.000		0.000	0.000
Total Volume Release:						4.361		0.000	4.361

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Kelly Dwyer Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Kelly Dwyer Date: _____
email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

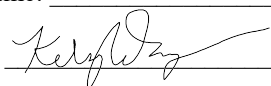
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled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

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

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

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

Printed Name: _____ Title: _____

Signature:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by:  Date: _____

Printed Name: _____ Title: _____

APPENDIX B

Site Characterization Data



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 01730 POD1	CP	LE		2	2	1	16	23S	34E	643549	3575824	253	594	200	394
CP 01760 POD1	CP	LE		3	1	2	16	23S	34E	643627	3575897	314	767	290	477

Average Depth to Water: **245 feet**

Minimum Depth: **200 feet**

Maximum Depth: **290 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 643313.567

Northing (Y): 3575917.119

Radius: 800

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.

8/10/21 1:29 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Low Karst
Concho
Gettysburg #2 CTB

Released to Imaging: 9/15/2021 8:53:19 AM

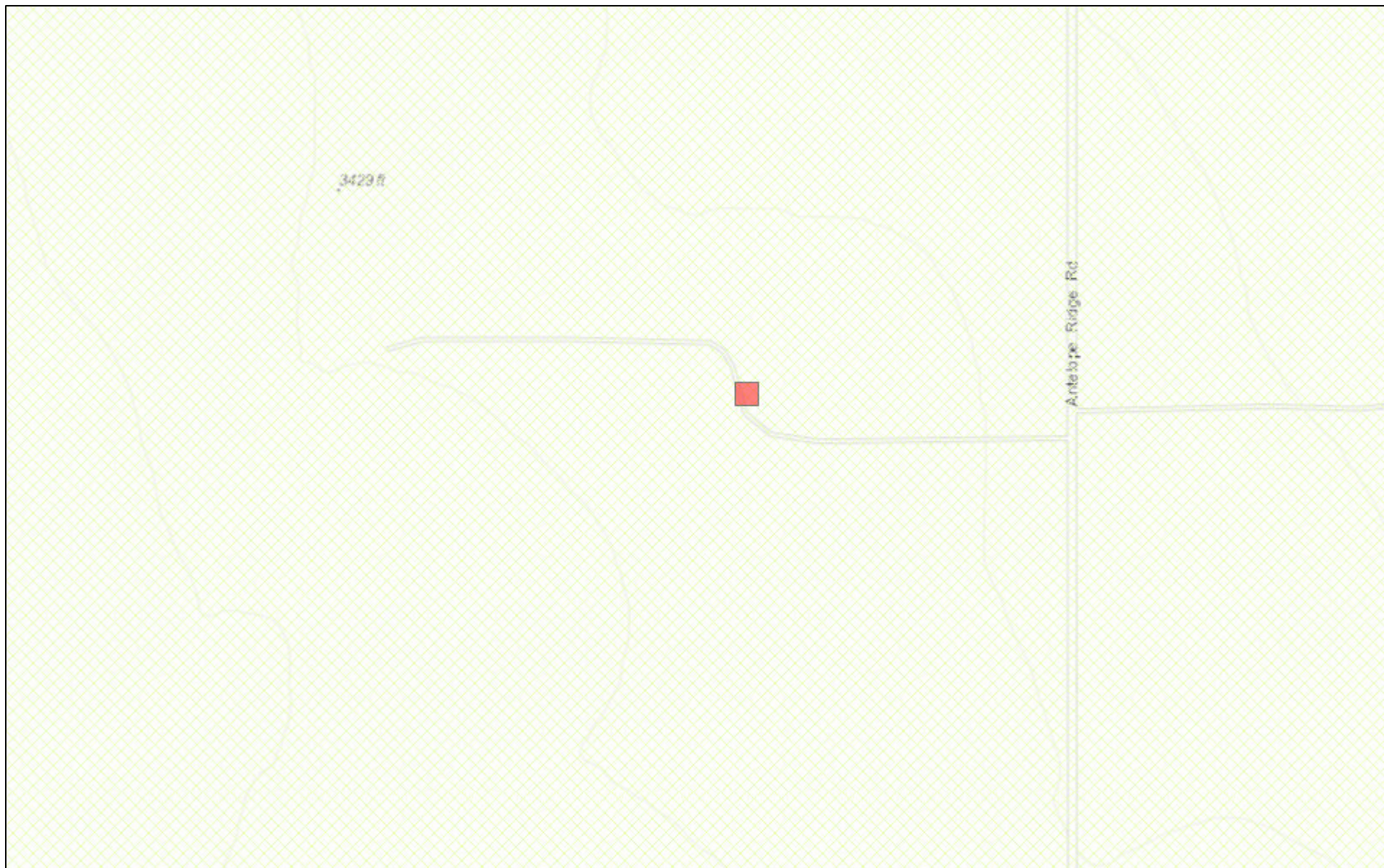
Legend

-  Gettysburg #2 CTB
-  High
-  Low
-  Medium

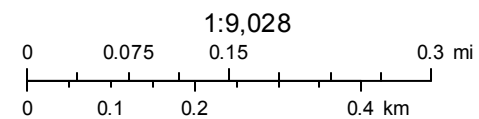
Received by OCD: 8/12/2021 2:23:44 PM

 Gettysburg #2 CTB

New Mexico NFHL Data



June 24, 2021



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



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
NA	CP 01730 POD1	2	2	1	16	23S	34E	643549	3575824 
Driller License:	1706	Driller Company:		ELITE DRILLERS CORPORATION					
Driller Name:	WALLACE, BRYCE J.								
Drill Start Date:	10/31/2018	Drill Finish Date:		11/05/2018		Plug Date:			
Log File Date:	12/13/2018	PCW Rev Date:						Source:	Artesian
Pump Type:		Pipe Discharge Size:						Estimated Yield:	320 GPM
Casing Size:	7.60	Depth Well:		594 feet		Depth Water:		200 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		290	320	Sandstone/Gravel/Conglomerate					
		320	350	Sandstone/Gravel/Conglomerate					
		350	440	Sandstone/Gravel/Conglomerate					
		440	490	Sandstone/Gravel/Conglomerate					
		490	530	Sandstone/Gravel/Conglomerate					
		530	550	Sandstone/Gravel/Conglomerate					
		550	570	Sandstone/Gravel/Conglomerate					
		570	580	Sandstone/Gravel/Conglomerate					
Casing Perforations:		Top	Bottom						
		294	594						

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.

6/24/21 10:01 AM

POINT OF DIVERSION SUMMARY




National Water Information System: Web Interface

[USGS Water Resources](#)

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Groundwater levels for New Mexico

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Agency code = usgs

site_no list =

- 321734103290001

Minimum number of levels = 1

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USGS 321734103290001 23S.34E.16.333312

Lea County, New Mexico

Latitude 32°17'53", Longitude 103°28'59" NAD27

Land-surface elevation 3,478.00 feet above NGVD29

The depth of the well is 400 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water level appr status
1971-01-13			D 62610		3133.95	NGVD29	1	Z			
1971-01-13			D 62611		3135.58	NAVD88	1	Z			
1971-01-13			D 72019	344.05			1	Z			
1976-12-16			D 62610		3130.62	NGVD29	1	Z			
1976-12-16			D 62611		3132.25	NAVD88	1	Z			
1976-12-16			D 72019	347.38			1	Z			
1981-03-30			D 62610		3132.60	NGVD29	1	Z			
1981-03-30			D 62611		3134.23	NAVD88	1	Z			
1981-03-30			D 72019	345.40			1	Z			
1986-03-21			D 62610		3130.20	NGVD29	1	Z			
1986-03-21			D 62611		3131.83	NAVD88	1	Z			
1986-03-21			D 72019	347.80			1	Z			
1996-03-08			D 62610		3132.70	NGVD29	1	S			
1996-03-08			D 62611		3134.33	NAVD88	1	S			
1996-03-08			D 72019	345.30			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

Section	Code	Description
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](#)

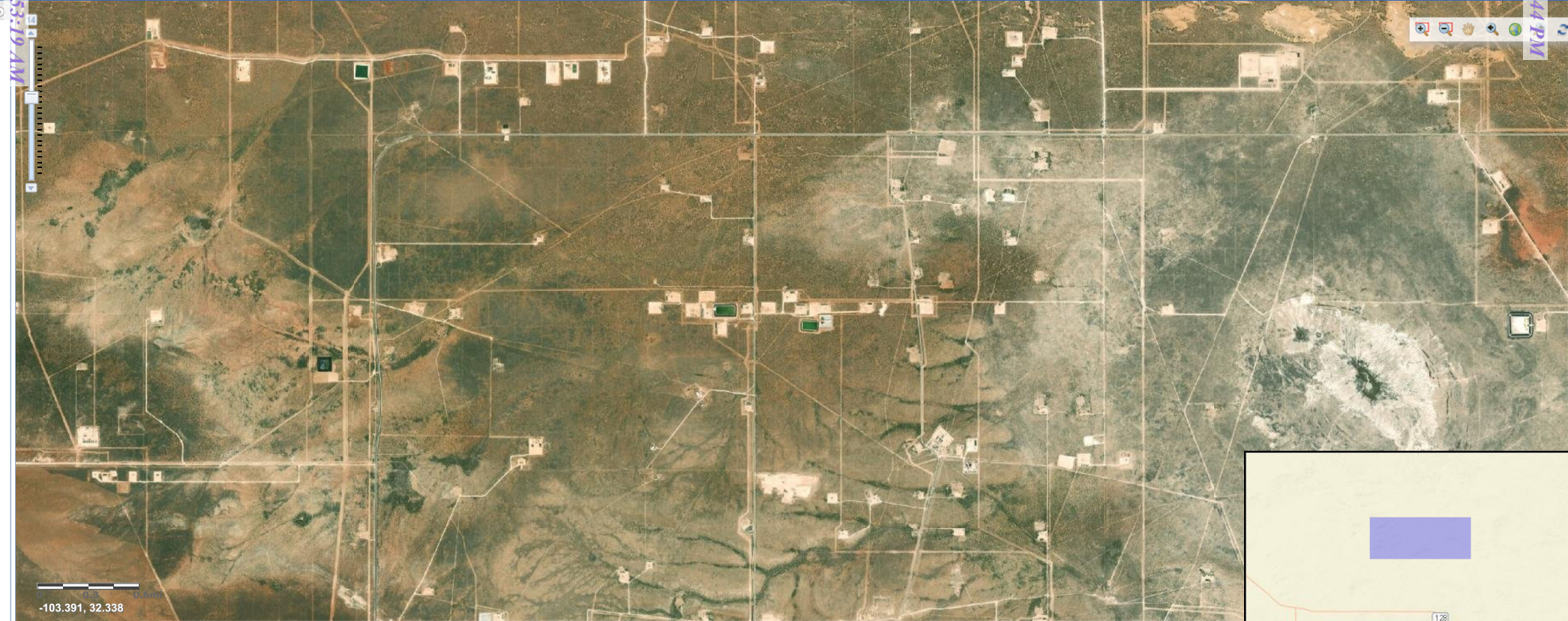
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0.37 0.34 nadww01

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National Water Information System: Mapper



-103.391, 32.338

Site Information

APPENDIX C

Laboratory Analytical Data



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-738-1

Laboratory Sample Delivery Group: Lea County NM
Client Project/Site: Gettysburg #2 CTB

For:

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

Attn: Brittany Long

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

Authorized for release by:
6/3/2021 9:53:21 PM

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

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

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

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Laboratory Job ID: 890-738-1
SDG: Lea County NM

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Job ID: 890-738-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-738-1

Comments

No additional comments.

Receipt

The samples were received on 5/27/2021 1:27 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 was 5.0° C.

GC VOA

Method 8021B: Internal standard responses were outside of acceptance limits for the following samples: AH-1 1-1.5 (890-738-2), AH-3 (T-2) 0-6 (890-738-10), H-4 0-6 (890-738-44) and H-5 0-6 (890-738-45). The sample(s) shows evidence of matrix interference.

Method 8021B: Surrogate recovery for the following samples were outside control limits: AH-1 1-1.5 (890-738-2), H-4 0-6 (890-738-44) and H-5 0-6 (890-738-45). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-3592 and analytical batch 880-3699 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: AH-5 1-1.5 (890-738-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Internal standard responses were outside of acceptance limits for the following samples: AH-5 1-1.5 (890-738-21), AH-8 1-1.5 (890-738-29), AH-10 0-1 (890-738-32) and AH-11 1-1.5 (890-738-36). The sample(s) shows evidence of matrix interference.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-3706 and analytical batch 880-3751 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-3701 and 880-3701 and analytical batch 880-3691 recovered outside control limits for the following analytes however both are within passing range: Gasoline Range Organics (GRO)-C6-C10

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-1 0-1

Lab Sample ID: 890-738-1

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 05:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 05:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 05:05	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		06/01/21 14:00	06/02/21 05:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 05:05	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		06/01/21 14:00	06/02/21 05:05	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		06/01/21 14:00	06/02/21 05:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/01/21 14:00	06/02/21 05:05	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/01/21 14:00	06/02/21 05:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 16:55	1
Diesel Range Organics (Over C10-C28)	176		49.8		mg/Kg		06/01/21 13:20	06/01/21 16:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 16:55	1
Total TPH	176		49.8		mg/Kg		06/01/21 13:20	06/01/21 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	06/01/21 13:20	06/01/21 16:55	1
o-Terphenyl	88		70 - 130	06/01/21 13:20	06/01/21 16:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.8		5.03		mg/Kg			06/01/21 17:25	1

Client Sample ID: AH-1 1-1.5

Lab Sample ID: 890-738-2

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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		06/01/21 14:00	06/02/21 05:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/21 14:00	06/02/21 05:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/21 14:00	06/02/21 05:26	1
m-Xylene & p-Xylene	0.00916		0.00398		mg/Kg		06/01/21 14:00	06/02/21 05:26	1
o-Xylene	0.0118		0.00199		mg/Kg		06/01/21 14:00	06/02/21 05:26	1
Xylenes, Total	0.0210		0.00398		mg/Kg		06/01/21 14:00	06/02/21 05:26	1
Total BTEX	0.0210		0.00398		mg/Kg		06/01/21 14:00	06/02/21 05:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130	06/01/21 14:00	06/02/21 05:26	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/01/21 14:00	06/02/21 05:26	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-1 1-1.5

Lab Sample ID: 890-738-2

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

Method: 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		06/01/21 13:20	06/01/21 17:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 17:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 17:57	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	06/01/21 13:20	06/01/21 17:57	1
o-Terphenyl	86		70 - 130	06/01/21 13:20	06/01/21 17:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.6		5.05		mg/Kg			06/01/21 17:40	1

Client Sample ID: AH-1 2-2.5

Lab Sample ID: 890-738-3

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 2 - 2.5

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		06/01/21 14:00	06/02/21 05:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 05:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 05:46	1
m-Xylene & p-Xylene	0.00542		0.00399		mg/Kg		06/01/21 14:00	06/02/21 05:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 05:46	1
Xylenes, Total	0.00542		0.00399		mg/Kg		06/01/21 14:00	06/02/21 05:46	1
Total BTEX	0.00542		0.00399		mg/Kg		06/01/21 14:00	06/02/21 05:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	209	S1+	70 - 130	06/01/21 14:00	06/02/21 05:46	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/01/21 14:00	06/02/21 05:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 18:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 18:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 18:18	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/01/21 13:20	06/01/21 18:18	1
o-Terphenyl	85		70 - 130	06/01/21 13:20	06/01/21 18:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.46		5.02		mg/Kg			06/01/21 17:45	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-1 3-3.5

Lab Sample ID: 890-738-4

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 3 - 3.5

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		06/01/21 14:00	06/02/21 06:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 06:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 06:07	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/01/21 14:00	06/02/21 06:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 06:07	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/01/21 14:00	06/02/21 06:07	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		06/01/21 14:00	06/02/21 06:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/01/21 14:00	06/02/21 06:07	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/01/21 14:00	06/02/21 06:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 18:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 18:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 18:39	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	06/01/21 13:20	06/01/21 18:39	1
o-Terphenyl	81		70 - 130	06/01/21 13:20	06/01/21 18:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.0		4.97		mg/Kg			06/01/21 17:50	1

Client Sample ID: AH-2 (T-1)0-6

Lab Sample ID: 890-738-5

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 06:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 06:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 06:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 06:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 06:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 06:27	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 06:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/01/21 14:00	06/02/21 06:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/01/21 14:00	06/02/21 06:27	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-2 (T-1)0-6

Lab Sample ID: 890-738-5

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 19:00	1
Diesel Range Organics (Over C10-C28)	283		49.9		mg/Kg		06/01/21 13:20	06/01/21 19:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 19:00	1
Total TPH	283		49.9		mg/Kg		06/01/21 13:20	06/01/21 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/01/21 13:20	06/01/21 19:00	1
o-Terphenyl	82		70 - 130	06/01/21 13:20	06/01/21 19:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	791		4.97		mg/Kg			06/01/21 17:55	1

Client Sample ID: AH-2 (T-1) 1

Lab Sample ID: 890-738-6

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00228		0.00198		mg/Kg		06/01/21 14:00	06/02/21 06:47	1
Toluene	0.00470		0.00198		mg/Kg		06/01/21 14:00	06/02/21 06:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/01/21 14:00	06/02/21 06:47	1
m-Xylene & p-Xylene	0.00478		0.00396		mg/Kg		06/01/21 14:00	06/02/21 06:47	1
o-Xylene	0.00214		0.00198		mg/Kg		06/01/21 14:00	06/02/21 06:47	1
Xylenes, Total	0.00692		0.00396		mg/Kg		06/01/21 14:00	06/02/21 06:47	1
Total BTEX	0.0139		0.00396		mg/Kg		06/01/21 14:00	06/02/21 06:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/01/21 14:00	06/02/21 06:47	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/01/21 14:00	06/02/21 06:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 19:21	1
Diesel Range Organics (Over C10-C28)	346		49.8		mg/Kg		06/01/21 13:20	06/01/21 19:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 19:21	1
Total TPH	346		49.8		mg/Kg		06/01/21 13:20	06/01/21 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	06/01/21 13:20	06/01/21 19:21	1
o-Terphenyl	73		70 - 130	06/01/21 13:20	06/01/21 19:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	732		4.99		mg/Kg			06/01/21 18:09	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-2 (T-1) 2

Lab Sample ID: 890-738-7

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 07:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 07:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 07:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 07:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 07:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 07:08	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 07:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/01/21 14:00	06/02/21 07:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/01/21 14:00	06/02/21 07:08	1

Method: 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		06/01/21 13:20	06/01/21 19:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 19:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 19:41	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	06/01/21 13:20	06/01/21 19:41	1
o-Terphenyl	79		70 - 130	06/01/21 13:20	06/01/21 19:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	405		4.96		mg/Kg			06/02/21 08:08	1

Client Sample ID: AH-2 (T-1)3

Lab Sample ID: 890-738-8

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 3

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		06/01/21 14:00	06/02/21 07:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 07:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 07:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/01/21 14:00	06/02/21 07:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 07:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/01/21 14:00	06/02/21 07:28	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		06/01/21 14:00	06/02/21 07:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/01/21 14:00	06/02/21 07:28	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/01/21 14:00	06/02/21 07:28	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-2 (T-1)3

Lab Sample ID: 890-738-8

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:02	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	06/01/21 13:20	06/01/21 20:02	1
o-Terphenyl	81		70 - 130	06/01/21 13:20	06/01/21 20:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.7		4.95		mg/Kg			06/01/21 18:15	1

Client Sample ID: AH-2 (T-1) 4

Lab Sample ID: 890-738-9

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 4

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		06/01/21 14:00	06/02/21 07:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 07:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 07:49	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/01/21 14:00	06/02/21 07:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 07:49	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/01/21 14:00	06/02/21 07:49	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		06/01/21 14:00	06/02/21 07:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/01/21 14:00	06/02/21 07:49	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/01/21 14:00	06/02/21 07:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:23	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	06/01/21 13:20	06/01/21 20:23	1
o-Terphenyl	86		70 - 130	06/01/21 13:20	06/01/21 20:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	234		4.95		mg/Kg			06/01/21 18:20	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-3 (T-2) 0-6

Lab Sample ID: 890-738-10

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 08:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 08:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 08:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 08:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 08:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 08:09	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 08:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/01/21 14:00	06/02/21 08:09	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/01/21 14:00	06/02/21 08:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:45	1
Diesel Range Organics (Over C10-C28)	5240		49.9		mg/Kg		06/01/21 13:20	06/01/21 20:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 20:45	1
Total TPH	5240		49.9		mg/Kg		06/01/21 13:20	06/01/21 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	06/01/21 13:20	06/01/21 20:45	1
o-Terphenyl	86		70 - 130	06/01/21 13:20	06/01/21 20:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	614		5.05		mg/Kg			06/02/21 08:12	1

Client Sample ID: AH-3 (T-2) 1

Lab Sample ID: 890-738-11

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/01/21 14:00	06/02/21 09:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/21 14:00	06/02/21 09:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/21 14:00	06/02/21 09:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/21 14:00	06/02/21 09:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/21 14:00	06/02/21 09:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/21 14:00	06/02/21 09:59	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/01/21 14:00	06/02/21 09:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/01/21 14:00	06/02/21 09:59	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/01/21 14:00	06/02/21 09:59	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-3 (T-2) 1

Lab Sample ID: 890-738-11

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 21:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 21:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 21:30	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	06/01/21 13:20	06/01/21 21:30	1
o-Terphenyl	86		70 - 130	06/01/21 13:20	06/01/21 21:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.02		mg/Kg			06/01/21 18:26	1

Client Sample ID: AH-3 (T-2) 2

Lab Sample ID: 890-738-12

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 10:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 10:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 10:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 10:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 10:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 10:20	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 10:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/01/21 14:00	06/02/21 10:20	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/01/21 14:00	06/02/21 10:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/01/21 13:20	06/01/21 21:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/01/21 13:20	06/01/21 21:51	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/01/21 13:20	06/01/21 21:51	1
Total TPH	<49.7	U	49.7		mg/Kg		06/01/21 13:20	06/01/21 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	06/01/21 13:20	06/01/21 21:51	1
o-Terphenyl	85		70 - 130	06/01/21 13:20	06/01/21 21:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.6		4.97		mg/Kg			06/01/21 18:41	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-3 (T-2) 3

Lab Sample ID: 890-738-13

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 10:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 10:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 10:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 10:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/01/21 14:00	06/02/21 10:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 10:40	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/01/21 14:00	06/02/21 10:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/01/21 14:00	06/02/21 10:40	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/01/21 14:00	06/02/21 10:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 22:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 22:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 22:12	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	06/01/21 13:20	06/01/21 22:12	1
o-Terphenyl	80		70 - 130	06/01/21 13:20	06/01/21 22:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.8		4.98		mg/Kg			06/01/21 18:46	1

Client Sample ID: AH-3 (T-2) 4

Lab Sample ID: 890-738-14

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 11:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 11:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 11:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 11:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 11:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 11:00	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 11:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/01/21 14:00	06/02/21 11:00	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/01/21 14:00	06/02/21 11:00	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-3 (T-2) 4

Lab Sample ID: 890-738-14

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 4

Method: 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		06/01/21 13:20	06/01/21 22:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/01/21 13:20	06/01/21 22:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/01/21 13:20	06/01/21 22:33	1
Total TPH	<49.7	U	49.7		mg/Kg		06/01/21 13:20	06/01/21 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	06/01/21 13:20	06/01/21 22:33	1
o-Terphenyl	81		70 - 130	06/01/21 13:20	06/01/21 22:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		4.98		mg/Kg			06/01/21 19:01	1

Client Sample ID: AH-4 (T-3) 0-6

Lab Sample ID: 890-738-15

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/01/21 14:00	06/02/21 11:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/01/21 14:00	06/02/21 11:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/01/21 14:00	06/02/21 11:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/01/21 14:00	06/02/21 11:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/01/21 14:00	06/02/21 11:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/01/21 14:00	06/02/21 11:21	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		06/01/21 14:00	06/02/21 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/01/21 14:00	06/02/21 11:21	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/01/21 14:00	06/02/21 11:21	1

Method: 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		06/01/21 13:20	06/01/21 22:54	1
Diesel Range Organics (Over C10-C28)	320		49.8		mg/Kg		06/01/21 13:20	06/01/21 22:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:20	06/01/21 22:54	1
Total TPH	320		49.8		mg/Kg		06/01/21 13:20	06/01/21 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	06/01/21 13:20	06/01/21 22:54	1
o-Terphenyl	81		70 - 130	06/01/21 13:20	06/01/21 22:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		5.00		mg/Kg			06/01/21 19:05	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-4 (T-3) 1

Lab Sample ID: 890-738-16

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 1

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		06/01/21 14:00	06/02/21 11:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 11:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 11:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/01/21 14:00	06/02/21 11:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 11:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/01/21 14:00	06/02/21 11:41	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		06/01/21 14:00	06/02/21 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/01/21 14:00	06/02/21 11:41	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/01/21 14:00	06/02/21 11:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 23:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 23:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 23:15	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	06/01/21 13:20	06/01/21 23:15	1
o-Terphenyl	81		70 - 130	06/01/21 13:20	06/01/21 23:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		4.96		mg/Kg			06/01/21 19:10	1

Client Sample ID: AH-4 (T-3) 2

Lab Sample ID: 890-738-17

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 2

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		06/01/21 14:00	06/02/21 12:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 12:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 12:02	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/01/21 14:00	06/02/21 12:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/21 14:00	06/02/21 12:02	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/01/21 14:00	06/02/21 12:02	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		06/01/21 14:00	06/02/21 12:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/01/21 14:00	06/02/21 12:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/01/21 14:00	06/02/21 12:02	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-4 (T-3) 2

Lab Sample ID: 890-738-17

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 23:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 23:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 23:36	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	06/01/21 13:20	06/01/21 23:36	1
o-Terphenyl	83		70 - 130	06/01/21 13:20	06/01/21 23:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.1		4.98		mg/Kg			06/01/21 19:15	1

Client Sample ID: AH-4 (T-3) 3

Lab Sample ID: 890-738-18

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 12:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 12:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 12:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 12:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 12:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 12:22	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/01/21 14:00	06/02/21 12:22	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/01/21 14:00	06/02/21 12:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 23:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 23:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 23:57	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:20	06/01/21 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/01/21 13:20	06/01/21 23:57	1
o-Terphenyl	80		70 - 130	06/01/21 13:20	06/01/21 23:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.70		5.00		mg/Kg			06/01/21 19:20	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-4 (T-3) 4

Lab Sample ID: 890-738-19

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: - 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 12:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 12:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 12:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/01/21 14:00	06/02/21 12:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 12:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/01/21 14:00	06/02/21 12:42	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		06/01/21 14:00	06/02/21 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/01/21 14:00	06/02/21 12:42	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/01/21 14:00	06/02/21 12:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/02/21 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/02/21 00:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/02/21 00:18	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/02/21 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/01/21 13:20	06/02/21 00:18	1
o-Terphenyl	82		70 - 130	06/01/21 13:20	06/02/21 00:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.28		5.04		mg/Kg			06/01/21 19:25	1

Client Sample ID: AH-5 0-1

Lab Sample ID: 890-738-20

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 13:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 13:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 13:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 13:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 13:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 13:03	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 14:00	06/02/21 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/01/21 14:00	06/02/21 13:03	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/01/21 14:00	06/02/21 13:03	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-5 0-1

Lab Sample ID: 890-738-20

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/02/21 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/02/21 00:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/02/21 00:39	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/02/21 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	06/01/21 13:20	06/02/21 00:39	1
o-Terphenyl	84		70 - 130	06/01/21 13:20	06/02/21 00:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.9		4.95		mg/Kg			06/01/21 19:30	1

Client Sample ID: AH-5 1-1.5

Lab Sample ID: 890-738-21

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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		06/01/21 12:00	06/01/21 22:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/01/21 22:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/01/21 22:35	1
m-Xylene & p-Xylene	<0.00403	U F1	0.00403		mg/Kg		06/01/21 12:00	06/01/21 22:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/01/21 22:35	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/01/21 22:35	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/01/21 22:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/01/21 12:00	06/01/21 22:35	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	06/01/21 12:00	06/01/21 22:35	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	<49.8	U *1	49.8		mg/Kg		06/01/21 13:38	06/01/21 16:55	1
Diesel Range Organics (Over C10-C28)	122		49.8		mg/Kg		06/01/21 13:38	06/01/21 16:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 16:55	1
Total TPH	122		49.8		mg/Kg		06/01/21 13:38	06/01/21 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	06/01/21 13:38	06/01/21 16:55	1
o-Terphenyl	91		70 - 130	06/01/21 13:38	06/01/21 16:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.0		5.04		mg/Kg			06/01/21 20:09	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-5 2-2.5

Lab Sample ID: 890-738-22

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 2 - 2.5

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		06/01/21 12:00	06/01/21 23:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 23:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 23:00	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/01/21 12:00	06/01/21 23:00	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/01/21 12:00	06/01/21 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		06/01/21 13:38	06/01/21 17:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 17:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 17:57	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	06/01/21 13:38	06/01/21 17:57	1
o-Terphenyl	102		70 - 130	06/01/21 13:38	06/01/21 17:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.7		4.99		mg/Kg			06/01/21 20:24	1

Client Sample ID: AH-5 3-3.5

Lab Sample ID: 890-738-23

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 3 - 3.5

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		06/01/21 12:00	06/01/21 23:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/01/21 23:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/01/21 23:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/01/21 23:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/01/21 23:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/01/21 23:25	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/01/21 23:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/01/21 12:00	06/01/21 23:25	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/01/21 12:00	06/01/21 23:25	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-5 3-3.5

Lab Sample ID: 890-738-23

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 3 - 3.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		06/01/21 13:38	06/01/21 18:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 18:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 18:18	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	06/01/21 13:38	06/01/21 18:18	1
o-Terphenyl	97		70 - 130	06/01/21 13:38	06/01/21 18:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		4.96		mg/Kg			06/01/21 20:29	1

Client Sample ID: AH-6 0-1

Lab Sample ID: 890-738-24

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 23:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 23:51	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 23:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/01/21 12:00	06/01/21 23:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/01/21 12:00	06/01/21 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		06/01/21 13:38	06/01/21 18:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 18:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 18:39	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	06/01/21 13:38	06/01/21 18:39	1
o-Terphenyl	91		70 - 130	06/01/21 13:38	06/01/21 18:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		4.96		mg/Kg			06/01/21 20:34	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-6 1-1.5

Lab Sample ID: 890-738-25

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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		06/01/21 12:00	06/02/21 00:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/02/21 00:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/02/21 00:16	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/01/21 12:00	06/02/21 00:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/02/21 00:16	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/01/21 12:00	06/02/21 00:16	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		06/01/21 12:00	06/02/21 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	06/01/21 12:00	06/02/21 00:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/01/21 12:00	06/02/21 00:16	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	<49.9	U *1	49.9		mg/Kg		06/01/21 13:38	06/01/21 19:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 19:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 19:00	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	06/01/21 13:38	06/01/21 19:00	1
o-Terphenyl	119		70 - 130	06/01/21 13:38	06/01/21 19:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.99		mg/Kg			06/01/21 20:38	1

Client Sample ID: AH-7 0-1

Lab Sample ID: 890-738-26

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 00:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 00:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 00:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/01/21 12:00	06/02/21 00:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 00:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/01/21 12:00	06/02/21 00:41	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		06/01/21 12:00	06/02/21 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	06/01/21 12:00	06/02/21 00:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/01/21 12:00	06/02/21 00:41	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-7 0-1

Lab Sample ID: 890-738-26

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 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		06/01/21 13:38	06/01/21 19:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 19:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 19:21	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/01/21 13:38	06/01/21 19:21	1
o-Terphenyl	96		70 - 130	06/01/21 13:38	06/01/21 19:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.3		5.05		mg/Kg			06/01/21 20:53	1

Client Sample ID: AH-7 1-1.5

Lab Sample ID: 890-738-27

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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		06/01/21 12:00	06/02/21 01:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 01:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 01:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 01:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 01:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 01:06	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 01:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/01/21 12:00	06/02/21 01:06	1
1,4-Difluorobenzene (Surr)	78		70 - 130	06/01/21 12:00	06/02/21 01:06	1

Method: 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		06/01/21 13:38	06/01/21 19:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 19:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 19:41	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	06/01/21 13:38	06/01/21 19:41	1
o-Terphenyl	98		70 - 130	06/01/21 13:38	06/01/21 19:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		5.03		mg/Kg			06/01/21 20:58	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-8 0-1

Lab Sample ID: 890-738-28

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

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		06/01/21 12:00	06/02/21 01:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/02/21 01:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/02/21 01:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/02/21 01:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/02/21 01:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/02/21 01:32	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/02/21 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/01/21 12:00	06/02/21 01:32	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/01/21 12:00	06/02/21 01:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:02	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/01/21 13:38	06/01/21 20:02	1
o-Terphenyl	94		70 - 130	06/01/21 13:38	06/01/21 20:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		5.02		mg/Kg			06/01/21 21:03	1

Client Sample ID: AH-8 1-1.5

Lab Sample ID: 890-738-29

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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		06/01/21 12:00	06/02/21 01:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 01:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 01:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 01:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 01:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 01:57	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/01/21 12:00	06/02/21 01:57	1
1,4-Difluorobenzene (Surr)	81		70 - 130	06/01/21 12:00	06/02/21 01:57	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-8 1-1.5

Lab Sample ID: 890-738-29

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:23	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	06/01/21 13:38	06/01/21 20:23	1
o-Terphenyl	100		70 - 130	06/01/21 13:38	06/01/21 20:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		5.00		mg/Kg			06/01/21 21:08	1

Client Sample ID: AH-9 0-1

Lab Sample ID: 890-738-30

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 02:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 02:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 02:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/02/21 02:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 02:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/02/21 02:23	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/02/21 02:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/01/21 12:00	06/02/21 02:23	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/01/21 12:00	06/02/21 02:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:45	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	06/01/21 13:38	06/01/21 20:45	1
o-Terphenyl	101		70 - 130	06/01/21 13:38	06/01/21 20:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		4.98		mg/Kg			06/01/21 21:13	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-9 1-1.5

Lab Sample ID: 890-738-31

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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		06/01/21 12:00	06/02/21 04:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 04:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 04:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/02/21 04:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 04:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/02/21 04:05	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/02/21 04:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	06/01/21 12:00	06/02/21 04:05	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/01/21 12:00	06/02/21 04:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		06/01/21 13:38	06/01/21 21:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 21:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 21:30	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	06/01/21 13:38	06/01/21 21:30	1
o-Terphenyl	100		70 - 130	06/01/21 13:38	06/01/21 21:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		4.95		mg/Kg			06/01/21 21:18	1

Client Sample ID: AH-10 0-1

Lab Sample ID: 890-738-32

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 04:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 04:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 04:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 04:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 04:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 04:31	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	191	S1+	70 - 130	06/01/21 12:00	06/02/21 04:31	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/01/21 12:00	06/02/21 04:31	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-10 0-1

Lab Sample ID: 890-738-32

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 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 *1	49.7		mg/Kg		06/01/21 13:38	06/01/21 21:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/01/21 13:38	06/01/21 21:51	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/01/21 13:38	06/01/21 21:51	1
Total TPH	<49.7	U	49.7		mg/Kg		06/01/21 13:38	06/01/21 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	06/01/21 13:38	06/01/21 21:51	1
o-Terphenyl	99		70 - 130	06/01/21 13:38	06/01/21 21:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.3		5.01		mg/Kg			06/01/21 21:32	1

Client Sample ID: AH-10 1-1.5

Lab Sample ID: 890-738-33

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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		06/01/21 12:00	06/02/21 04:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 04:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 04:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 04:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 04:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 04:56	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 04:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/01/21 12:00	06/02/21 04:56	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/01/21 12:00	06/02/21 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		06/01/21 13:38	06/01/21 22:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 22:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 22:12	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	06/01/21 13:38	06/01/21 22:12	1
o-Terphenyl	96		70 - 130	06/01/21 13:38	06/01/21 22:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.5		5.04		mg/Kg			06/01/21 21:37	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-10 2-2.5

Lab Sample ID: 890-738-34

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 2 - 2.5

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		06/01/21 12:00	06/02/21 05:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 05:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 05:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/01/21 12:00	06/02/21 05:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 05:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/01/21 12:00	06/02/21 05:22	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		06/01/21 12:00	06/02/21 05:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/01/21 12:00	06/02/21 05:22	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/01/21 12:00	06/02/21 05:22	1

Method: 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 *1	49.7		mg/Kg		06/01/21 13:38	06/01/21 22:33	1
Diesel Range Organics (Over C10-C28)	85.8		49.7		mg/Kg		06/01/21 13:38	06/01/21 22:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/01/21 13:38	06/01/21 22:33	1
Total TPH	85.8		49.7		mg/Kg		06/01/21 13:38	06/01/21 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	06/01/21 13:38	06/01/21 22:33	1
o-Terphenyl	97		70 - 130	06/01/21 13:38	06/01/21 22:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		5.03		mg/Kg			06/01/21 21:52	1

Client Sample ID: AH-11 0-1

Lab Sample ID: 890-738-35

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 05:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 05:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 05:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 05:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 05:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 05:47	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	06/01/21 12:00	06/02/21 05:47	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/01/21 12:00	06/02/21 05:47	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-11 0-1

Lab Sample ID: 890-738-35

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 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		06/01/21 13:38	06/01/21 22:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 22:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 22:54	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 13:38	06/01/21 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	06/01/21 13:38	06/01/21 22:54	1
o-Terphenyl	98		70 - 130	06/01/21 13:38	06/01/21 22:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.6		5.03		mg/Kg			06/01/21 21:57	1

Client Sample ID: AH-11 1-1.5

Lab Sample ID: 890-738-36

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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		06/01/21 12:00	06/02/21 06:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 06:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 06:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 06:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 06:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 06:13	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 06:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/01/21 12:00	06/02/21 06:13	1
1,4-Difluorobenzene (Surr)	84		70 - 130	06/01/21 12:00	06/02/21 06:13	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 *1	50.0		mg/Kg		06/01/21 13:38	06/01/21 23:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 23:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 23:15	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	06/01/21 13:38	06/01/21 23:15	1
o-Terphenyl	100		70 - 130	06/01/21 13:38	06/01/21 23:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.1		5.03		mg/Kg			06/01/21 22:02	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-11 2-2.5

Lab Sample ID: 890-738-37

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 2 - 2.5

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		06/01/21 12:00	06/02/21 06:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 06:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 06:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 06:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/01/21 12:00	06/02/21 06:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 06:38	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/01/21 12:00	06/02/21 06:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/01/21 12:00	06/02/21 06:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/01/21 12:00	06/02/21 06:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		06/01/21 13:38	06/01/21 23:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 23:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 23:36	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	06/01/21 13:38	06/01/21 23:36	1
o-Terphenyl	99		70 - 130	06/01/21 13:38	06/01/21 23:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		4.97		mg/Kg			06/01/21 22:06	1

Client Sample ID: AH-12 0-1

Lab Sample ID: 890-738-38

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 07:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 07:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 07:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 07:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 07:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 07:06	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/02/21 07:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	06/01/21 12:00	06/02/21 07:06	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/01/21 12:00	06/02/21 07:06	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-12 0-1

Lab Sample ID: 890-738-38

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		06/01/21 13:38	06/01/21 23:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 23:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 23:57	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 13:38	06/01/21 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	06/01/21 13:38	06/01/21 23:57	1
o-Terphenyl	108		70 - 130	06/01/21 13:38	06/01/21 23:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.6		4.95		mg/Kg			06/01/21 22:11	1

Client Sample ID: AH-12 1-1.5

Lab Sample ID: 890-738-39

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 1 - 1.5

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		06/01/21 12:00	06/02/21 07:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/02/21 07:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/02/21 07:33	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/02/21 07:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/02/21 07:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/02/21 07:33	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/02/21 07:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/01/21 12:00	06/02/21 07:33	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/01/21 12:00	06/02/21 07:33	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	<50.0	U *1	50.0		mg/Kg		06/01/21 13:38	06/02/21 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/02/21 00:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/02/21 00:18	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/02/21 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	06/01/21 13:38	06/02/21 00:18	1
o-Terphenyl	99		70 - 130	06/01/21 13:38	06/02/21 00:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		5.00		mg/Kg			06/01/21 22:16	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-12 2-2.5

Lab Sample ID: 890-738-40

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 2 - 2.5

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		06/01/21 12:00	06/02/21 07:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 07:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 07:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/02/21 07:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/21 12:00	06/02/21 07:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/02/21 07:59	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/01/21 12:00	06/02/21 07:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/01/21 12:00	06/02/21 07:59	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/01/21 12:00	06/02/21 07:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		06/01/21 13:38	06/02/21 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/02/21 00:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/02/21 00:39	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/02/21 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	06/01/21 13:38	06/02/21 00:39	1
o-Terphenyl	111		70 - 130	06/01/21 13:38	06/02/21 00:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.44		5.01		mg/Kg			06/01/21 22:21	1

Client Sample ID: H-1 0-6

Lab Sample ID: 890-738-41

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/01/21 22:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/01/21 22:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/01/21 22:24	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/01/21 12:00	06/01/21 22:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/01/21 22:24	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/01/21 12:00	06/01/21 22:24	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		06/01/21 12:00	06/01/21 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/01/21 12:00	06/01/21 22:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/01/21 12:00	06/01/21 22:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: H-1 0-6

Lab Sample ID: 890-738-41

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 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		06/01/21 14:04	06/02/21 02:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 02:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 02:25	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 02:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/01/21 14:04	06/02/21 02:25	1
o-Terphenyl	93		70 - 130	06/01/21 14:04	06/02/21 02:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.00		5.02		mg/Kg			06/01/21 23:00	1

Client Sample ID: H-2 0-6

Lab Sample ID: 890-738-42

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 22:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 22:45	1
o-Xylene	0.00228		0.00200		mg/Kg		06/01/21 12:00	06/01/21 22:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 22:45	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	06/01/21 12:00	06/01/21 22:45	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/01/21 12:00	06/01/21 22:45	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		06/01/21 14:04	06/02/21 03:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 03:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 03:28	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 03:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	06/01/21 14:04	06/02/21 03:28	1
o-Terphenyl	96		70 - 130	06/01/21 14:04	06/02/21 03:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		5.05		mg/Kg			06/01/21 23:15	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: H-3 0-6

Lab Sample ID: 890-738-43

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

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		06/01/21 12:00	06/01/21 23:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/01/21 23:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/01/21 23:05	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/01/21 23:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/21 12:00	06/01/21 23:05	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/01/21 23:05	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		06/01/21 12:00	06/01/21 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	06/01/21 12:00	06/01/21 23:05	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/01/21 12:00	06/01/21 23:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/21 14:04	06/02/21 03:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 14:04	06/02/21 03:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 14:04	06/02/21 03:50	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 14:04	06/02/21 03:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	06/01/21 14:04	06/02/21 03:50	1
o-Terphenyl	95		70 - 130	06/01/21 14:04	06/02/21 03:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			06/01/21 23:20	1

Client Sample ID: H-4 0-6

Lab Sample ID: 890-738-44

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 23:26	1
o-Xylene	0.00348		0.00200		mg/Kg		06/01/21 12:00	06/01/21 23:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 23:26	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/01/21 12:00	06/01/21 23:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130	06/01/21 12:00	06/01/21 23:26	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/01/21 12:00	06/01/21 23:26	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: H-4 0-6

Lab Sample ID: 890-738-44

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 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		06/01/21 14:04	06/02/21 04:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 04:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 04:11	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	06/01/21 14:04	06/02/21 04:11	1
o-Terphenyl	93		70 - 130	06/01/21 14:04	06/02/21 04:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			06/01/21 23:25	1

Client Sample ID: H-5 0-6

Lab Sample ID: 890-738-45

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/01/21 10:24	06/01/21 23:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/21 10:24	06/01/21 23:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/21 10:24	06/01/21 23:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/21 10:24	06/01/21 23:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/21 10:24	06/01/21 23:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/21 10:24	06/01/21 23:46	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/01/21 10:24	06/01/21 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	06/01/21 10:24	06/01/21 23:46	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/01/21 10:24	06/01/21 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/21 14:04	06/02/21 04:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 14:04	06/02/21 04:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 14:04	06/02/21 04:32	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 14:04	06/02/21 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	06/01/21 14:04	06/02/21 04:32	1
o-Terphenyl	97		70 - 130	06/01/21 14:04	06/02/21 04:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.86		4.99		mg/Kg			06/01/21 23:30	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: H-6 0-6

Lab Sample ID: 890-738-46

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/02/21 00:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/02/21 00:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/02/21 00:06	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/01/21 12:00	06/02/21 00:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/01/21 12:00	06/02/21 00:06	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/01/21 12:00	06/02/21 00:06	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		06/01/21 12:00	06/02/21 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/01/21 12:00	06/02/21 00:06	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/01/21 12:00	06/02/21 00:06	1

Method: 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		06/01/21 14:04	06/02/21 04:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 04:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 04:53	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 04:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	06/01/21 14:04	06/02/21 04:53	1
o-Terphenyl	96		70 - 130	06/01/21 14:04	06/02/21 04:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.7		4.99		mg/Kg			06/01/21 23:44	1

Client Sample ID: H-7 0-6

Lab Sample ID: 890-738-47

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 00:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 00:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 00:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/01/21 12:00	06/02/21 00:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/02/21 00:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/01/21 12:00	06/02/21 00:27	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		06/01/21 12:00	06/02/21 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/01/21 12:00	06/02/21 00:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/01/21 12:00	06/02/21 00:27	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: H-7 0-6

Lab Sample ID: 890-738-47

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

Method: 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		06/01/21 14:04	06/02/21 05:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 05:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 05:15	1
Total TPH	<49.8	U	49.8		mg/Kg		06/01/21 14:04	06/02/21 05:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	06/01/21 14:04	06/02/21 05:15	1
o-Terphenyl	96		70 - 130	06/01/21 14:04	06/02/21 05:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		5.00		mg/Kg			06/01/21 23:49	1

Client Sample ID: H-8 0-6

Lab Sample ID: 890-738-48

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Sample Depth: 0 - 6

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		06/01/21 16:16	06/03/21 12:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 16:16	06/03/21 12:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 16:16	06/03/21 12:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/01/21 16:16	06/03/21 12:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 16:16	06/03/21 12:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/01/21 16:16	06/03/21 12:06	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		06/01/21 16:16	06/03/21 12:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/01/21 16:16	06/03/21 12:06	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/01/21 16:16	06/03/21 12:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/21 14:04	06/02/21 05:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/21 14:04	06/02/21 05:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/21 14:04	06/02/21 05:36	1
Total TPH	<49.9	U	49.9		mg/Kg		06/01/21 14:04	06/02/21 05:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	06/01/21 14:04	06/02/21 05:36	1
o-Terphenyl	96		70 - 130	06/01/21 14:04	06/02/21 05:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		5.00		mg/Kg			06/01/21 23:54	1

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-738-1	AH-1 0-1	100	93
890-738-1 MS	AH-1 0-1	103	96
890-738-1 MSD	AH-1 0-1	105	94
890-738-2	AH-1 1-1.5	170 S1+	85
890-738-3	AH-1 2-2.5	209 S1+	88
890-738-4	AH-1 3-3.5	115	99
890-738-5	AH-2 (T-1)0-6	117	98
890-738-6	AH-2 (T-1) 1	116	103
890-738-7	AH-2 (T-1) 2	112	100
890-738-8	AH-2 (T-1)3	113	101
890-738-9	AH-2 (T-1) 4	110	101
890-738-10	AH-3 (T-2) 0-6	109	92
890-738-11	AH-3 (T-2) 1	109	100
890-738-12	AH-3 (T-2) 2	116	101
890-738-13	AH-3 (T-2) 3	113	98
890-738-14	AH-3 (T-2) 4	116	101
890-738-15	AH-4 (T-3) 0-6	115	101
890-738-16	AH-4 (T-3) 1	116	100
890-738-17	AH-4 (T-3) 2	114	99
890-738-18	AH-4 (T-3) 3	114	100
890-738-19	AH-4 (T-3) 4	116	101
890-738-20	AH-5 0-1	121	99
890-738-21	AH-5 1-1.5	91	69 S1-
890-738-21 MS	AH-5 1-1.5	102	101
890-738-21 MSD	AH-5 1-1.5	90	105
890-738-22	AH-5 2-2.5	121	97
890-738-23	AH-5 3-3.5	112	95
890-738-24	AH-6 0-1	112	96
890-738-25	AH-6 1-1.5	122	97
890-738-26	AH-7 0-1	124	99
890-738-27	AH-7 1-1.5	99	78
890-738-28	AH-8 0-1	110	95
890-738-29	AH-8 1-1.5	95	81
890-738-30	AH-9 0-1	112	97
890-738-31	AH-9 1-1.5	127	87
890-738-32	AH-10 0-1	191 S1+	88
890-738-33	AH-10 1-1.5	112	93
890-738-34	AH-10 2-2.5	121	99
890-738-35	AH-11 0-1	128	100
890-738-36	AH-11 1-1.5	100	84
890-738-37	AH-11 2-2.5	98	96
890-738-38	AH-12 0-1	96	96
890-738-39	AH-12 1-1.5	101	93
890-738-40	AH-12 2-2.5	118	95
890-738-41	H-1 0-6	109	98
890-738-42	H-2 0-6	129	97
890-738-43	H-3 0-6	120	100
890-738-44	H-4 0-6	178 S1+	89
890-738-45	H-5 0-6	156 S1+	85

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
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)
890-738-46	H-6 0-6	115	100
890-738-47	H-7 0-6	115	100
890-738-48	H-8 0-6	112	100
890-738-48 MS	H-8 0-6	137 S1+	93
890-738-48 MSD	H-8 0-6	109	96
LCS 880-3588/1-A	Lab Control Sample	126	98
LCS 880-3590/1-A	Lab Control Sample	107	93
LCS 880-3592/1-A	Lab Control Sample	108	98
LCS 880-3706/1-A	Lab Control Sample	106	97
LCSD 880-3588/2-A	Lab Control Sample Dup	115	94
LCSD 880-3590/2-A	Lab Control Sample Dup	106	96
LCSD 880-3592/2-A	Lab Control Sample Dup	106	100
LCSD 880-3706/2-A	Lab Control Sample Dup	107	92
MB 880-3588/5-A	Method Blank	109	91
MB 880-3590/5-A	Method Blank	109	90
MB 880-3592/5-A	Method Blank	73	80
MB 880-3699/8	Method Blank	70	82
MB 880-3706/5-A	Method Blank	112	90
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-738-1	AH-1 0-1	97	88
890-738-1 MS	AH-1 0-1	85	72
890-738-1 MSD	AH-1 0-1	85	72
890-738-2	AH-1 1-1.5	93	86
890-738-3	AH-1 2-2.5	92	85
890-738-4	AH-1 3-3.5	93	81
890-738-5	AH-2 (T-1)0-6	92	82
890-738-6	AH-2 (T-1) 1	87	73
890-738-7	AH-2 (T-1) 2	90	79
890-738-8	AH-2 (T-1)3	91	81
890-738-9	AH-2 (T-1) 4	93	86
890-738-10	AH-3 (T-2) 0-6	95	86
890-738-11	AH-3 (T-2) 1	95	86
890-738-12	AH-3 (T-2) 2	93	85
890-738-13	AH-3 (T-2) 3	90	80
890-738-14	AH-3 (T-2) 4	88	81
890-738-15	AH-4 (T-3) 0-6	93	81
890-738-16	AH-4 (T-3) 1	89	81
890-738-17	AH-4 (T-3) 2	91	83
890-738-18	AH-4 (T-3) 3	92	80
890-738-19	AH-4 (T-3) 4	92	82
890-738-20	AH-5 0-1	94	84

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
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)
890-738-21	AH-5 1-1.5	97	91
890-738-21 MS	AH-5 1-1.5	96	86
890-738-21 MSD	AH-5 1-1.5	94	80
890-738-22	AH-5 2-2.5	107	102
890-738-23	AH-5 3-3.5	102	97
890-738-24	AH-6 0-1	96	91
890-738-25	AH-6 1-1.5	122	119
890-738-26	AH-7 0-1	98	96
890-738-27	AH-7 1-1.5	99	98
890-738-28	AH-8 0-1	98	94
890-738-29	AH-8 1-1.5	103	100
890-738-30	AH-9 0-1	104	101
890-738-31	AH-9 1-1.5	102	100
890-738-32	AH-10 0-1	100	99
890-738-33	AH-10 1-1.5	100	96
890-738-34	AH-10 2-2.5	99	97
890-738-35	AH-11 0-1	100	98
890-738-36	AH-11 1-1.5	101	100
890-738-37	AH-11 2-2.5	101	99
890-738-38	AH-12 0-1	110	108
890-738-39	AH-12 1-1.5	102	99
890-738-40	AH-12 2-2.5	118	111
890-738-41	H-1 0-6	98	93
890-738-41 MS	H-1 0-6	95	80
890-738-41 MSD	H-1 0-6	93	78
890-738-42	H-2 0-6	104	96
890-738-43	H-3 0-6	102	95
890-738-44	H-4 0-6	101	93
890-738-45	H-5 0-6	105	97
890-738-46	H-6 0-6	103	96
890-738-47	H-7 0-6	103	96
890-738-48	H-8 0-6	105	96
LCS 880-3700/2-A	Lab Control Sample	91	71
LCS 880-3701/2-A	Lab Control Sample	109	98
LCS 880-3702/2-A	Lab Control Sample	99	82
LCSD 880-3700/3-A	Lab Control Sample Dup	96	80
LCSD 880-3701/3-A	Lab Control Sample Dup	97	94
LCSD 880-3702/3-A	Lab Control Sample Dup	95	84
MB 880-3700/1-A	Method Blank	98	87
MB 880-3701/1-A	Method Blank	98	93
MB 880-3702/1-A	Method Blank	98	90
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3588/5-A

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3588

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 04:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 04:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 04:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/01/21 14:00	06/02/21 04:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 14:00	06/02/21 04:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/01/21 14:00	06/02/21 04:37	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/01/21 14:00	06/02/21 04:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/01/21 14:00	06/02/21 04:37	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/01/21 14:00	06/02/21 04:37	1

Lab Sample ID: LCS 880-3588/1-A

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3588

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09281		mg/Kg		93	70 - 130
Toluene	0.100	0.1065		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1080		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2240		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1188		mg/Kg		119	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-3588/2-A

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3588

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08539		mg/Kg		85	70 - 130	8	35
Toluene	0.100	0.1038		mg/Kg		104	70 - 130	3	35
Ethylbenzene	0.100	0.1077		mg/Kg		108	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2209		mg/Kg		110	70 - 130	1	35
o-Xylene	0.100	0.1114		mg/Kg		111	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-738-1 MS

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: AH-1 0-1

Prep Type: Total/NA

Prep Batch: 3588

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.100	0.07569		mg/Kg		76	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: 890-738-1 MS

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: AH-1 0-1

Prep Type: Total/NA

Prep Batch: 3588

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U	0.100	0.07938		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07840		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1370	F1	mg/Kg		68	70 - 130
o-Xylene	<0.00200	U	0.100	0.07162		mg/Kg		71	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: 890-738-1 MSD

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: AH-1 0-1

Prep Type: Total/NA

Prep Batch: 3588

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	0.07605		mg/Kg		76	70 - 130	0	35
Toluene	<0.00200	U	0.0998	0.07777		mg/Kg		78	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0998	0.07559		mg/Kg		76	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1336	F1	mg/Kg		67	70 - 130	3	35
o-Xylene	<0.00200	U	0.0998	0.07116		mg/Kg		71	70 - 130	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		70 - 130								
1,4-Difluorobenzene (Surr)	94		70 - 130								

Lab Sample ID: MB 880-3590/5-A

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 10:24	06/01/21 17:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 10:24	06/01/21 17:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 10:24	06/01/21 17:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/01/21 10:24	06/01/21 17:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 10:24	06/01/21 17:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/01/21 10:24	06/01/21 17:02	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/01/21 10:24	06/01/21 17:02	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/01/21 10:24	06/01/21 17:02	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/01/21 10:24	06/01/21 17:02	1

Lab Sample ID: LCS 880-3590/1-A

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08875		mg/Kg		89	70 - 130
Toluene	0.100	0.1116		mg/Kg		112	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-3590/1-A

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.1135		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2340		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1184		mg/Kg		118	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-3590/2-A

Matrix: Solid

Analysis Batch: 3693

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3590

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09208		mg/Kg		92	70 - 130	4	35
Toluene	0.100	0.1102		mg/Kg		110	70 - 130	1	35
Ethylbenzene	0.100	0.1121		mg/Kg		112	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2301		mg/Kg		115	70 - 130	2	35
o-Xylene	0.100	0.1154		mg/Kg		115	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-3592/5-A

Matrix: Solid

Analysis Batch: 3699

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 22:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 22:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 22:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/01/21 12:00	06/01/21 22:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 12:00	06/01/21 22:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/01/21 12:00	06/01/21 22:09	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/01/21 12:00	06/01/21 22:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	06/01/21 12:00	06/01/21 22:09	1
1,4-Difluorobenzene (Surr)	80		70 - 130	06/01/21 12:00	06/01/21 22:09	1

Lab Sample ID: LCS 880-3592/1-A

Matrix: Solid

Analysis Batch: 3699

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1046		mg/Kg		105	70 - 130
Toluene	0.100	0.1067		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.09724		mg/Kg		97	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-3592/1-A

Matrix: Solid

Analysis Batch: 3699

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	0.200	0.1955		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09806		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-3592/2-A

Matrix: Solid

Analysis Batch: 3699

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3592

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1021		mg/Kg		102	70 - 130	2	35
Toluene	0.100	0.1060		mg/Kg		106	70 - 130	1	35
Ethylbenzene	0.100	0.09570		mg/Kg		96	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1928		mg/Kg		96	70 - 130	1	35
o-Xylene	0.100	0.09679		mg/Kg		97	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-738-21 MS

Matrix: Solid

Analysis Batch: 3699

Client Sample ID: AH-5 1-1.5

Prep Type: Total/NA

Prep Batch: 3592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.0998	0.08805		mg/Kg		88	70 - 130
Toluene	<0.00202	U	0.0998	0.07108		mg/Kg		71	70 - 130
Ethylbenzene	<0.00202	U	0.0998	0.06993		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	<0.00403	U F1	0.200	0.1376	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00202	U	0.0998	0.07234		mg/Kg		72	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-738-21 MSD

Matrix: Solid

Analysis Batch: 3699

Client Sample ID: AH-5 1-1.5

Prep Type: Total/NA

Prep Batch: 3592

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00202	U	0.0990	0.07916		mg/Kg		80	70 - 130	11	35
Toluene	<0.00202	U	0.0990	0.07834		mg/Kg		79	70 - 130	10	35
Ethylbenzene	<0.00202	U	0.0990	0.07180		mg/Kg		73	70 - 130	3	35
m-Xylene & p-Xylene	<0.00403	U F1	0.198	0.1402		mg/Kg		71	70 - 130	2	35
o-Xylene	<0.00202	U	0.0990	0.07344		mg/Kg		74	70 - 130	2	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: 890-738-21 MSD

Matrix: Solid

Analysis Batch: 3699

Client Sample ID: AH-5 1-1.5

Prep Type: Total/NA

Prep Batch: 3592

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-3699/8

Matrix: Solid

Analysis Batch: 3699

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			06/01/21 14:34	1
Toluene	<0.00200	U	0.00200		mg/Kg			06/01/21 14:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			06/01/21 14:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			06/01/21 14:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			06/01/21 14:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			06/01/21 14:34	1
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/01/21 14:34	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130					06/01/21 14:34	1
1,4-Difluorobenzene (Surr)	82		70 - 130					06/01/21 14:34	1

Lab Sample ID: MB 880-3706/5-A

Matrix: Solid

Analysis Batch: 3751

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3706

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/21 16:16	06/03/21 11:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/21 16:16	06/03/21 11:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/21 16:16	06/03/21 11:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/01/21 16:16	06/03/21 11:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/21 16:16	06/03/21 11:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/01/21 16:16	06/03/21 11:37	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/01/21 16:16	06/03/21 11:37	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/01/21 16:16	06/03/21 11:37	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/01/21 16:16	06/03/21 11:37	1

Lab Sample ID: LCS 880-3706/1-A

Matrix: Solid

Analysis Batch: 3751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3706

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.09568		mg/Kg		96	70 - 130		
Toluene	0.100	0.1054		mg/Kg		105	70 - 130		
Ethylbenzene	0.100	0.1087		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene	0.200	0.2206		mg/Kg		110	70 - 130		
o-Xylene	0.100	0.1111		mg/Kg		111	70 - 130		

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-3706/1-A

Matrix: Solid

Analysis Batch: 3751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3706

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-3706/2-A

Matrix: Solid

Analysis Batch: 3751

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3706

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08897		mg/Kg		89	70 - 130	7	35
Toluene	0.100	0.1082		mg/Kg		108	70 - 130	3	35
Ethylbenzene	0.100	0.1109		mg/Kg		111	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2278		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1158		mg/Kg		116	70 - 130	4	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-738-48 MS

Matrix: Solid

Analysis Batch: 3751

Client Sample ID: H-8 0-6

Prep Type: Total/NA

Prep Batch: 3706

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.0998	0.06675	F1	mg/Kg		67	70 - 130
Toluene	<0.00200	U	0.0998	0.09066		mg/Kg		91	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.1017		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2156		mg/Kg		108	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1153		mg/Kg		116	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-738-48 MSD

Matrix: Solid

Analysis Batch: 3751

Client Sample ID: H-8 0-6

Prep Type: Total/NA

Prep Batch: 3706

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06970		mg/Kg		70	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.08093		mg/Kg		81	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.100	0.08317		mg/Kg		83	70 - 130	20	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1756		mg/Kg		88	70 - 130	20	35
o-Xylene	<0.00200	U	0.100	0.09319		mg/Kg		93	70 - 130	21	35

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

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-3700/1-A

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3700

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 15:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 15:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 15:52	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:20	06/01/21 15:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/01/21 13:20	06/01/21 15:52	1
o-Terphenyl	87		70 - 130	06/01/21 13:20	06/01/21 15:52	1

Lab Sample ID: LCS 880-3700/2-A

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	788.3		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	1000	824.6		mg/Kg		82	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	71		70 - 130

Lab Sample ID: LCSD 880-3700/3-A

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3700

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	822.6		mg/Kg		82	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	919.5		mg/Kg		92	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: 890-738-1 MS

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: AH-1 0-1

Prep Type: Total/NA

Prep Batch: 3700

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	809.3		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	176		999	949.3		mg/Kg		77	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: 890-738-1 MS

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: AH-1 0-1

Prep Type: Total/NA

Prep Batch: 3700

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	72		70 - 130

Lab Sample ID: 890-738-1 MSD

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: AH-1 0-1

Prep Type: Total/NA

Prep Batch: 3700

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	<49.8	U	998	830.2		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	176		998	967.3		mg/Kg		79	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	72		70 - 130

Lab Sample ID: MB 880-3701/1-A

Matrix: Solid

Analysis Batch: 3691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3701

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 15:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 15:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 15:52	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 13:38	06/01/21 15:52	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	98		70 - 130	06/01/21 13:38	06/01/21 15:52	1			
o-Terphenyl	93		70 - 130	06/01/21 13:38	06/01/21 15:52	1			

Lab Sample ID: LCS 880-3701/2-A

Matrix: Solid

Analysis Batch: 3691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1147		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1160		mg/Kg		116	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	98		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-3701/3-A

Matrix: Solid

Analysis Batch: 3691

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3701

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	881.4	*1	mg/Kg		88	70 - 130	26	20
Diesel Range Organics (Over C10-C28)	1000	1277		mg/Kg		128	70 - 130	10	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	94		70 - 130						

Lab Sample ID: 890-738-21 MS

Matrix: Solid

Analysis Batch: 3691

Client Sample ID: AH-5 1-1.5

Prep Type: Total/NA

Prep Batch: 3701

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	999	982.5		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	122		999	1128		mg/Kg		101	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	86		70 - 130								

Lab Sample ID: 890-738-21 MSD

Matrix: Solid

Analysis Batch: 3691

Client Sample ID: AH-5 1-1.5

Prep Type: Total/NA

Prep Batch: 3701

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	<49.8	U *1	998	986.3		mg/Kg		97	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	122		998	1109		mg/Kg		99	70 - 130	2	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	80		70 - 130								

Lab Sample ID: MB 880-3702/1-A

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3702

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/21 14:04	06/02/21 01:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/21 14:04	06/02/21 01:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/21 14:04	06/02/21 01:21	1
Total TPH	<50.0	U	50.0		mg/Kg		06/01/21 14:04	06/02/21 01:21	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-3702/1-A

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3702

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	98		70 - 130	06/01/21 14:04	06/02/21 01:21	1				
o-Terphenyl	90		70 - 130	06/01/21 14:04	06/02/21 01:21	1				

Lab Sample ID: LCS 880-3702/2-A

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3702

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	827.5		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	961.8		mg/Kg		96	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
o-Terphenyl	82		70 - 130								

Lab Sample ID: LCSD 880-3702/3-A

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3702

			Spike	LCSD	LCSD				%Rec.		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	811.0		mg/Kg		81	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)			1000	968.6		mg/Kg		97	70 - 130	1	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	95		70 - 130									
o-Terphenyl	84		70 - 130									

Lab Sample ID: 890-738-41 MS

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: H-1 0-6

Prep Type: Total/NA

Prep Batch: 3702

	Sample	Sample	Spike	MS	MS				%Rec.			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1024		mg/Kg		102	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1111		mg/Kg		111	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	95		70 - 130									
o-Terphenyl	80		70 - 130									

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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

Lab Sample ID: 890-738-41 MSD

Matrix: Solid

Analysis Batch: 3703

Client Sample ID: H-1 0-6

Prep Type: Total/NA

Prep Batch: 3702

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	<49.8	U	998	918.5		mg/Kg		92	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.8	U	998	1083		mg/Kg		109	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	78		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3677/1-A

Matrix: Solid

Analysis Batch: 3707

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/01/21 17:10	1

Lab Sample ID: LCS 880-3677/2-A

Matrix: Solid

Analysis Batch: 3707

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	247.1		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-3677/3-A

Matrix: Solid

Analysis Batch: 3707

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	246.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-738-1 MS

Matrix: Solid

Analysis Batch: 3707

Client Sample ID: AH-1 0-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	48.8		503	550.4		mg/Kg		100	90 - 110

Lab Sample ID: 890-738-1 MSD

Matrix: Solid

Analysis Batch: 3707

Client Sample ID: AH-1 0-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	48.8		503	550.4		mg/Kg		100	90 - 110	0	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-738-11 MS

Matrix: Solid

Analysis Batch: 3707

Client Sample ID: AH-3 (T-2) 1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	108		502	604.2		mg/Kg		99	90 - 110

Lab Sample ID: 890-738-11 MSD

Matrix: Solid

Analysis Batch: 3707

Client Sample ID: AH-3 (T-2) 1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	108		502	604.5		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-3678/1-A

Matrix: Solid

Analysis Batch: 3708

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/01/21 19:54	1

Lab Sample ID: LCS 880-3678/2-A

Matrix: Solid

Analysis Batch: 3708

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	246.2		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-3678/3-A

Matrix: Solid

Analysis Batch: 3708

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	245.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-738-21 MS

Matrix: Solid

Analysis Batch: 3708

Client Sample ID: AH-5 1-1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	21.0		504	533.7		mg/Kg		102	90 - 110

Lab Sample ID: 890-738-21 MSD

Matrix: Solid

Analysis Batch: 3708

Client Sample ID: AH-5 1-1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	21.0		504	532.6		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-738-31 MS

Matrix: Solid

Analysis Batch: 3708

Client Sample ID: AH-9 1-1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	120		495	617.7		mg/Kg		101	90 - 110

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-738-31 MSD

Matrix: Solid

Analysis Batch: 3708

Client Sample ID: AH-9 1-1.5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	120		495	616.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-3679/1-A

Matrix: Solid

Analysis Batch: 3709

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/01/21 22:46	1

Lab Sample ID: LCS 880-3679/2-A

Matrix: Solid

Analysis Batch: 3709

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	246.1		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-3679/3-A

Matrix: Solid

Analysis Batch: 3709

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	246.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 890-738-41 MS

Matrix: Solid

Analysis Batch: 3709

Client Sample ID: H-1 0-6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7.00		502	528.5		mg/Kg		104	90 - 110

Lab Sample ID: 890-738-41 MSD

Matrix: Solid

Analysis Batch: 3709

Client Sample ID: H-1 0-6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.00		502	528.6		mg/Kg		104	90 - 110	0	20

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

GC VOA

Prep Batch: 3588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-1	AH-1 0-1	Total/NA	Solid	5035	
890-738-2	AH-1 1-1.5	Total/NA	Solid	5035	
890-738-3	AH-1 2-2.5	Total/NA	Solid	5035	
890-738-4	AH-1 3-3.5	Total/NA	Solid	5035	
890-738-5	AH-2 (T-1)0-6	Total/NA	Solid	5035	
890-738-6	AH-2 (T-1) 1	Total/NA	Solid	5035	
890-738-7	AH-2 (T-1) 2	Total/NA	Solid	5035	
890-738-8	AH-2 (T-1)3	Total/NA	Solid	5035	
890-738-9	AH-2 (T-1) 4	Total/NA	Solid	5035	
890-738-10	AH-3 (T-2) 0-6	Total/NA	Solid	5035	
890-738-11	AH-3 (T-2) 1	Total/NA	Solid	5035	
890-738-12	AH-3 (T-2) 2	Total/NA	Solid	5035	
890-738-13	AH-3 (T-2) 3	Total/NA	Solid	5035	
890-738-14	AH-3 (T-2) 4	Total/NA	Solid	5035	
890-738-15	AH-4 (T-3) 0-6	Total/NA	Solid	5035	
890-738-16	AH-4 (T-3) 1	Total/NA	Solid	5035	
890-738-17	AH-4 (T-3) 2	Total/NA	Solid	5035	
890-738-18	AH-4 (T-3) 3	Total/NA	Solid	5035	
890-738-19	AH-4 (T-3) 4	Total/NA	Solid	5035	
890-738-20	AH-5 0-1	Total/NA	Solid	5035	
MB 880-3588/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3588/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3588/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-738-1 MS	AH-1 0-1	Total/NA	Solid	5035	
890-738-1 MSD	AH-1 0-1	Total/NA	Solid	5035	

Prep Batch: 3590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-41	H-1 0-6	Total/NA	Solid	5035	
890-738-42	H-2 0-6	Total/NA	Solid	5035	
890-738-43	H-3 0-6	Total/NA	Solid	5035	
890-738-44	H-4 0-6	Total/NA	Solid	5035	
890-738-45	H-5 0-6	Total/NA	Solid	5035	
890-738-46	H-6 0-6	Total/NA	Solid	5035	
890-738-47	H-7 0-6	Total/NA	Solid	5035	
MB 880-3590/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3590/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3590/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 3592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-21	AH-5 1-1.5	Total/NA	Solid	5035	
890-738-22	AH-5 2-2.5	Total/NA	Solid	5035	
890-738-23	AH-5 3-3.5	Total/NA	Solid	5035	
890-738-24	AH-6 0-1	Total/NA	Solid	5035	
890-738-25	AH-6 1-1.5	Total/NA	Solid	5035	
890-738-26	AH-7 0-1	Total/NA	Solid	5035	
890-738-27	AH-7 1-1.5	Total/NA	Solid	5035	
890-738-28	AH-8 0-1	Total/NA	Solid	5035	
890-738-29	AH-8 1-1.5	Total/NA	Solid	5035	
890-738-30	AH-9 0-1	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 3592 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-31	AH-9 1-1.5	Total/NA	Solid	5035	
890-738-32	AH-10 0-1	Total/NA	Solid	5035	
890-738-33	AH-10 1-1.5	Total/NA	Solid	5035	
890-738-34	AH-10 2-2.5	Total/NA	Solid	5035	
890-738-35	AH-11 0-1	Total/NA	Solid	5035	
890-738-36	AH-11 1-1.5	Total/NA	Solid	5035	
890-738-37	AH-11 2-2.5	Total/NA	Solid	5035	
890-738-38	AH-12 0-1	Total/NA	Solid	5035	
890-738-39	AH-12 1-1.5	Total/NA	Solid	5035	
890-738-40	AH-12 2-2.5	Total/NA	Solid	5035	
MB 880-3592/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3592/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3592/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-738-21 MS	AH-5 1-1.5	Total/NA	Solid	5035	
890-738-21 MSD	AH-5 1-1.5	Total/NA	Solid	5035	

Analysis Batch: 3693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-1	AH-1 0-1	Total/NA	Solid	8021B	3588
890-738-2	AH-1 1-1.5	Total/NA	Solid	8021B	3588
890-738-3	AH-1 2-2.5	Total/NA	Solid	8021B	3588
890-738-4	AH-1 3-3.5	Total/NA	Solid	8021B	3588
890-738-5	AH-2 (T-1)0-6	Total/NA	Solid	8021B	3588
890-738-6	AH-2 (T-1) 1	Total/NA	Solid	8021B	3588
890-738-7	AH-2 (T-1) 2	Total/NA	Solid	8021B	3588
890-738-8	AH-2 (T-1)3	Total/NA	Solid	8021B	3588
890-738-9	AH-2 (T-1) 4	Total/NA	Solid	8021B	3588
890-738-10	AH-3 (T-2) 0-6	Total/NA	Solid	8021B	3588
890-738-11	AH-3 (T-2) 1	Total/NA	Solid	8021B	3588
890-738-12	AH-3 (T-2) 2	Total/NA	Solid	8021B	3588
890-738-13	AH-3 (T-2) 3	Total/NA	Solid	8021B	3588
890-738-14	AH-3 (T-2) 4	Total/NA	Solid	8021B	3588
890-738-15	AH-4 (T-3) 0-6	Total/NA	Solid	8021B	3588
890-738-16	AH-4 (T-3) 1	Total/NA	Solid	8021B	3588
890-738-17	AH-4 (T-3) 2	Total/NA	Solid	8021B	3588
890-738-18	AH-4 (T-3) 3	Total/NA	Solid	8021B	3588
890-738-19	AH-4 (T-3) 4	Total/NA	Solid	8021B	3588
890-738-20	AH-5 0-1	Total/NA	Solid	8021B	3588
890-738-41	H-1 0-6	Total/NA	Solid	8021B	3590
890-738-42	H-2 0-6	Total/NA	Solid	8021B	3590
890-738-43	H-3 0-6	Total/NA	Solid	8021B	3590
890-738-44	H-4 0-6	Total/NA	Solid	8021B	3590
890-738-45	H-5 0-6	Total/NA	Solid	8021B	3590
890-738-46	H-6 0-6	Total/NA	Solid	8021B	3590
890-738-47	H-7 0-6	Total/NA	Solid	8021B	3590
MB 880-3588/5-A	Method Blank	Total/NA	Solid	8021B	3588
MB 880-3590/5-A	Method Blank	Total/NA	Solid	8021B	3590
LCS 880-3588/1-A	Lab Control Sample	Total/NA	Solid	8021B	3588
LCS 880-3590/1-A	Lab Control Sample	Total/NA	Solid	8021B	3590
LCSD 880-3588/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3588
LCSD 880-3590/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3590

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 3693 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-1 MS	AH-1 0-1	Total/NA	Solid	8021B	3588
890-738-1 MSD	AH-1 0-1	Total/NA	Solid	8021B	3588

Analysis Batch: 3699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-21	AH-5 1-1.5	Total/NA	Solid	8021B	3592
890-738-22	AH-5 2-2.5	Total/NA	Solid	8021B	3592
890-738-23	AH-5 3-3.5	Total/NA	Solid	8021B	3592
890-738-24	AH-6 0-1	Total/NA	Solid	8021B	3592
890-738-25	AH-6 1-1.5	Total/NA	Solid	8021B	3592
890-738-26	AH-7 0-1	Total/NA	Solid	8021B	3592
890-738-27	AH-7 1-1.5	Total/NA	Solid	8021B	3592
890-738-28	AH-8 0-1	Total/NA	Solid	8021B	3592
890-738-29	AH-8 1-1.5	Total/NA	Solid	8021B	3592
890-738-30	AH-9 0-1	Total/NA	Solid	8021B	3592
890-738-31	AH-9 1-1.5	Total/NA	Solid	8021B	3592
890-738-32	AH-10 0-1	Total/NA	Solid	8021B	3592
890-738-33	AH-10 1-1.5	Total/NA	Solid	8021B	3592
890-738-34	AH-10 2-2.5	Total/NA	Solid	8021B	3592
890-738-35	AH-11 0-1	Total/NA	Solid	8021B	3592
890-738-36	AH-11 1-1.5	Total/NA	Solid	8021B	3592
890-738-37	AH-11 2-2.5	Total/NA	Solid	8021B	3592
890-738-38	AH-12 0-1	Total/NA	Solid	8021B	3592
890-738-39	AH-12 1-1.5	Total/NA	Solid	8021B	3592
890-738-40	AH-12 2-2.5	Total/NA	Solid	8021B	3592
MB 880-3592/5-A	Method Blank	Total/NA	Solid	8021B	3592
MB 880-3699/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-3592/1-A	Lab Control Sample	Total/NA	Solid	8021B	3592
LCSD 880-3592/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3592
890-738-21 MS	AH-5 1-1.5	Total/NA	Solid	8021B	3592
890-738-21 MSD	AH-5 1-1.5	Total/NA	Solid	8021B	3592

Prep Batch: 3706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-48	H-8 0-6	Total/NA	Solid	5035	
MB 880-3706/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3706/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3706/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-738-48 MS	H-8 0-6	Total/NA	Solid	5035	
890-738-48 MSD	H-8 0-6	Total/NA	Solid	5035	

Analysis Batch: 3751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-48	H-8 0-6	Total/NA	Solid	8021B	3706
MB 880-3706/5-A	Method Blank	Total/NA	Solid	8021B	3706
LCS 880-3706/1-A	Lab Control Sample	Total/NA	Solid	8021B	3706
LCSD 880-3706/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3706
890-738-48 MS	H-8 0-6	Total/NA	Solid	8021B	3706
890-738-48 MSD	H-8 0-6	Total/NA	Solid	8021B	3706

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

GC Semi VOA

Analysis Batch: 3691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-21	AH-5 1-1.5	Total/NA	Solid	8015B NM	3701
890-738-22	AH-5 2-2.5	Total/NA	Solid	8015B NM	3701
890-738-23	AH-5 3-3.5	Total/NA	Solid	8015B NM	3701
890-738-24	AH-6 0-1	Total/NA	Solid	8015B NM	3701
890-738-25	AH-6 1-1.5	Total/NA	Solid	8015B NM	3701
890-738-26	AH-7 0-1	Total/NA	Solid	8015B NM	3701
890-738-27	AH-7 1-1.5	Total/NA	Solid	8015B NM	3701
890-738-28	AH-8 0-1	Total/NA	Solid	8015B NM	3701
890-738-29	AH-8 1-1.5	Total/NA	Solid	8015B NM	3701
890-738-30	AH-9 0-1	Total/NA	Solid	8015B NM	3701
890-738-31	AH-9 1-1.5	Total/NA	Solid	8015B NM	3701
890-738-32	AH-10 0-1	Total/NA	Solid	8015B NM	3701
890-738-33	AH-10 1-1.5	Total/NA	Solid	8015B NM	3701
890-738-34	AH-10 2-2.5	Total/NA	Solid	8015B NM	3701
890-738-35	AH-11 0-1	Total/NA	Solid	8015B NM	3701
890-738-36	AH-11 1-1.5	Total/NA	Solid	8015B NM	3701
890-738-37	AH-11 2-2.5	Total/NA	Solid	8015B NM	3701
890-738-38	AH-12 0-1	Total/NA	Solid	8015B NM	3701
890-738-39	AH-12 1-1.5	Total/NA	Solid	8015B NM	3701
890-738-40	AH-12 2-2.5	Total/NA	Solid	8015B NM	3701
MB 880-3701/1-A	Method Blank	Total/NA	Solid	8015B NM	3701
LCS 880-3701/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3701
LCSD 880-3701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3701
890-738-21 MS	AH-5 1-1.5	Total/NA	Solid	8015B NM	3701
890-738-21 MSD	AH-5 1-1.5	Total/NA	Solid	8015B NM	3701

Prep Batch: 3700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-1	AH-1 0-1	Total/NA	Solid	8015NM Prep	
890-738-2	AH-1 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-3	AH-1 2-2.5	Total/NA	Solid	8015NM Prep	
890-738-4	AH-1 3-3.5	Total/NA	Solid	8015NM Prep	
890-738-5	AH-2 (T-1)0-6	Total/NA	Solid	8015NM Prep	
890-738-6	AH-2 (T-1) 1	Total/NA	Solid	8015NM Prep	
890-738-7	AH-2 (T-1) 2	Total/NA	Solid	8015NM Prep	
890-738-8	AH-2 (T-1)3	Total/NA	Solid	8015NM Prep	
890-738-9	AH-2 (T-1) 4	Total/NA	Solid	8015NM Prep	
890-738-10	AH-3 (T-2) 0-6	Total/NA	Solid	8015NM Prep	
890-738-11	AH-3 (T-2) 1	Total/NA	Solid	8015NM Prep	
890-738-12	AH-3 (T-2) 2	Total/NA	Solid	8015NM Prep	
890-738-13	AH-3 (T-2) 3	Total/NA	Solid	8015NM Prep	
890-738-14	AH-3 (T-2) 4	Total/NA	Solid	8015NM Prep	
890-738-15	AH-4 (T-3) 0-6	Total/NA	Solid	8015NM Prep	
890-738-16	AH-4 (T-3) 1	Total/NA	Solid	8015NM Prep	
890-738-17	AH-4 (T-3) 2	Total/NA	Solid	8015NM Prep	
890-738-18	AH-4 (T-3) 3	Total/NA	Solid	8015NM Prep	
890-738-19	AH-4 (T-3) 4	Total/NA	Solid	8015NM Prep	
890-738-20	AH-5 0-1	Total/NA	Solid	8015NM Prep	
MB 880-3700/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3700/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3700/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 3700 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-1 MS	AH-1 0-1	Total/NA	Solid	8015NM Prep	
890-738-1 MSD	AH-1 0-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 3701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-21	AH-5 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-22	AH-5 2-2.5	Total/NA	Solid	8015NM Prep	
890-738-23	AH-5 3-3.5	Total/NA	Solid	8015NM Prep	
890-738-24	AH-6 0-1	Total/NA	Solid	8015NM Prep	
890-738-25	AH-6 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-26	AH-7 0-1	Total/NA	Solid	8015NM Prep	
890-738-27	AH-7 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-28	AH-8 0-1	Total/NA	Solid	8015NM Prep	
890-738-29	AH-8 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-30	AH-9 0-1	Total/NA	Solid	8015NM Prep	
890-738-31	AH-9 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-32	AH-10 0-1	Total/NA	Solid	8015NM Prep	
890-738-33	AH-10 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-34	AH-10 2-2.5	Total/NA	Solid	8015NM Prep	
890-738-35	AH-11 0-1	Total/NA	Solid	8015NM Prep	
890-738-36	AH-11 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-37	AH-11 2-2.5	Total/NA	Solid	8015NM Prep	
890-738-38	AH-12 0-1	Total/NA	Solid	8015NM Prep	
890-738-39	AH-12 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-40	AH-12 2-2.5	Total/NA	Solid	8015NM Prep	
MB 880-3701/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3701/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-738-21 MS	AH-5 1-1.5	Total/NA	Solid	8015NM Prep	
890-738-21 MSD	AH-5 1-1.5	Total/NA	Solid	8015NM Prep	

Prep Batch: 3702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-41	H-1 0-6	Total/NA	Solid	8015NM Prep	
890-738-42	H-2 0-6	Total/NA	Solid	8015NM Prep	
890-738-43	H-3 0-6	Total/NA	Solid	8015NM Prep	
890-738-44	H-4 0-6	Total/NA	Solid	8015NM Prep	
890-738-45	H-5 0-6	Total/NA	Solid	8015NM Prep	
890-738-46	H-6 0-6	Total/NA	Solid	8015NM Prep	
890-738-47	H-7 0-6	Total/NA	Solid	8015NM Prep	
890-738-48	H-8 0-6	Total/NA	Solid	8015NM Prep	
MB 880-3702/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3702/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3702/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-738-41 MS	H-1 0-6	Total/NA	Solid	8015NM Prep	
890-738-41 MSD	H-1 0-6	Total/NA	Solid	8015NM Prep	

Analysis Batch: 3703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-1	AH-1 0-1	Total/NA	Solid	8015B NM	3700
890-738-2	AH-1 1-1.5	Total/NA	Solid	8015B NM	3700

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 3703 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-3	AH-1 2-2.5	Total/NA	Solid	8015B NM	3700
890-738-4	AH-1 3-3.5	Total/NA	Solid	8015B NM	3700
890-738-5	AH-2 (T-1)0-6	Total/NA	Solid	8015B NM	3700
890-738-6	AH-2 (T-1) 1	Total/NA	Solid	8015B NM	3700
890-738-7	AH-2 (T-1) 2	Total/NA	Solid	8015B NM	3700
890-738-8	AH-2 (T-1)3	Total/NA	Solid	8015B NM	3700
890-738-9	AH-2 (T-1) 4	Total/NA	Solid	8015B NM	3700
890-738-10	AH-3 (T-2) 0-6	Total/NA	Solid	8015B NM	3700
890-738-11	AH-3 (T-2) 1	Total/NA	Solid	8015B NM	3700
890-738-12	AH-3 (T-2) 2	Total/NA	Solid	8015B NM	3700
890-738-13	AH-3 (T-2) 3	Total/NA	Solid	8015B NM	3700
890-738-14	AH-3 (T-2) 4	Total/NA	Solid	8015B NM	3700
890-738-15	AH-4 (T-3) 0-6	Total/NA	Solid	8015B NM	3700
890-738-16	AH-4 (T-3) 1	Total/NA	Solid	8015B NM	3700
890-738-17	AH-4 (T-3) 2	Total/NA	Solid	8015B NM	3700
890-738-18	AH-4 (T-3) 3	Total/NA	Solid	8015B NM	3700
890-738-19	AH-4 (T-3) 4	Total/NA	Solid	8015B NM	3700
890-738-20	AH-5 0-1	Total/NA	Solid	8015B NM	3700
890-738-41	H-1 0-6	Total/NA	Solid	8015B NM	3702
890-738-42	H-2 0-6	Total/NA	Solid	8015B NM	3702
890-738-43	H-3 0-6	Total/NA	Solid	8015B NM	3702
890-738-44	H-4 0-6	Total/NA	Solid	8015B NM	3702
890-738-45	H-5 0-6	Total/NA	Solid	8015B NM	3702
890-738-46	H-6 0-6	Total/NA	Solid	8015B NM	3702
890-738-47	H-7 0-6	Total/NA	Solid	8015B NM	3702
890-738-48	H-8 0-6	Total/NA	Solid	8015B NM	3702
MB 880-3700/1-A	Method Blank	Total/NA	Solid	8015B NM	3700
MB 880-3702/1-A	Method Blank	Total/NA	Solid	8015B NM	3702
LCS 880-3700/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3700
LCS 880-3702/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3702
LCSD 880-3700/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3700
LCSD 880-3702/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3702
890-738-1 MS	AH-1 0-1	Total/NA	Solid	8015B NM	3700
890-738-1 MSD	AH-1 0-1	Total/NA	Solid	8015B NM	3700
890-738-41 MS	H-1 0-6	Total/NA	Solid	8015B NM	3702
890-738-41 MSD	H-1 0-6	Total/NA	Solid	8015B NM	3702

HPLC/IC

Leach Batch: 3677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-1	AH-1 0-1	Soluble	Solid	DI Leach	
890-738-2	AH-1 1-1.5	Soluble	Solid	DI Leach	
890-738-3	AH-1 2-2.5	Soluble	Solid	DI Leach	
890-738-4	AH-1 3-3.5	Soluble	Solid	DI Leach	
890-738-5	AH-2 (T-1)0-6	Soluble	Solid	DI Leach	
890-738-6	AH-2 (T-1) 1	Soluble	Solid	DI Leach	
890-738-7	AH-2 (T-1) 2	Soluble	Solid	DI Leach	
890-738-8	AH-2 (T-1)3	Soluble	Solid	DI Leach	
890-738-9	AH-2 (T-1) 4	Soluble	Solid	DI Leach	
890-738-10	AH-3 (T-2) 0-6	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 3677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-11	AH-3 (T-2) 1	Soluble	Solid	DI Leach	
890-738-12	AH-3 (T-2) 2	Soluble	Solid	DI Leach	
890-738-13	AH-3 (T-2) 3	Soluble	Solid	DI Leach	
890-738-14	AH-3 (T-2) 4	Soluble	Solid	DI Leach	
890-738-15	AH-4 (T-3) 0-6	Soluble	Solid	DI Leach	
890-738-16	AH-4 (T-3) 1	Soluble	Solid	DI Leach	
890-738-17	AH-4 (T-3) 2	Soluble	Solid	DI Leach	
890-738-18	AH-4 (T-3) 3	Soluble	Solid	DI Leach	
890-738-19	AH-4 (T-3) 4	Soluble	Solid	DI Leach	
890-738-20	AH-5 0-1	Soluble	Solid	DI Leach	
MB 880-3677/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3677/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3677/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-738-1 MS	AH-1 0-1	Soluble	Solid	DI Leach	
890-738-1 MSD	AH-1 0-1	Soluble	Solid	DI Leach	
890-738-11 MS	AH-3 (T-2) 1	Soluble	Solid	DI Leach	
890-738-11 MSD	AH-3 (T-2) 1	Soluble	Solid	DI Leach	

Leach Batch: 3678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-21	AH-5 1-1.5	Soluble	Solid	DI Leach	
890-738-22	AH-5 2-2.5	Soluble	Solid	DI Leach	
890-738-23	AH-5 3-3.5	Soluble	Solid	DI Leach	
890-738-24	AH-6 0-1	Soluble	Solid	DI Leach	
890-738-25	AH-6 1-1.5	Soluble	Solid	DI Leach	
890-738-26	AH-7 0-1	Soluble	Solid	DI Leach	
890-738-27	AH-7 1-1.5	Soluble	Solid	DI Leach	
890-738-28	AH-8 0-1	Soluble	Solid	DI Leach	
890-738-29	AH-8 1-1.5	Soluble	Solid	DI Leach	
890-738-30	AH-9 0-1	Soluble	Solid	DI Leach	
890-738-31	AH-9 1-1.5	Soluble	Solid	DI Leach	
890-738-32	AH-10 0-1	Soluble	Solid	DI Leach	
890-738-33	AH-10 1-1.5	Soluble	Solid	DI Leach	
890-738-34	AH-10 2-2.5	Soluble	Solid	DI Leach	
890-738-35	AH-11 0-1	Soluble	Solid	DI Leach	
890-738-36	AH-11 1-1.5	Soluble	Solid	DI Leach	
890-738-37	AH-11 2-2.5	Soluble	Solid	DI Leach	
890-738-38	AH-12 0-1	Soluble	Solid	DI Leach	
890-738-39	AH-12 1-1.5	Soluble	Solid	DI Leach	
890-738-40	AH-12 2-2.5	Soluble	Solid	DI Leach	
MB 880-3678/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3678/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3678/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-738-21 MS	AH-5 1-1.5	Soluble	Solid	DI Leach	
890-738-21 MSD	AH-5 1-1.5	Soluble	Solid	DI Leach	
890-738-31 MS	AH-9 1-1.5	Soluble	Solid	DI Leach	
890-738-31 MSD	AH-9 1-1.5	Soluble	Solid	DI Leach	

Leach Batch: 3679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-41	H-1 0-6	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 3679 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-42	H-2 0-6	Soluble	Solid	DI Leach	
890-738-43	H-3 0-6	Soluble	Solid	DI Leach	
890-738-44	H-4 0-6	Soluble	Solid	DI Leach	
890-738-45	H-5 0-6	Soluble	Solid	DI Leach	
890-738-46	H-6 0-6	Soluble	Solid	DI Leach	
890-738-47	H-7 0-6	Soluble	Solid	DI Leach	
890-738-48	H-8 0-6	Soluble	Solid	DI Leach	
MB 880-3679/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3679/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3679/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-738-41 MS	H-1 0-6	Soluble	Solid	DI Leach	
890-738-41 MSD	H-1 0-6	Soluble	Solid	DI Leach	

Analysis Batch: 3707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-1	AH-1 0-1	Soluble	Solid	300.0	3677
890-738-2	AH-1 1-1.5	Soluble	Solid	300.0	3677
890-738-3	AH-1 2-2.5	Soluble	Solid	300.0	3677
890-738-4	AH-1 3-3.5	Soluble	Solid	300.0	3677
890-738-5	AH-2 (T-1)0-6	Soluble	Solid	300.0	3677
890-738-6	AH-2 (T-1) 1	Soluble	Solid	300.0	3677
890-738-7	AH-2 (T-1) 2	Soluble	Solid	300.0	3677
890-738-8	AH-2 (T-1)3	Soluble	Solid	300.0	3677
890-738-9	AH-2 (T-1) 4	Soluble	Solid	300.0	3677
890-738-10	AH-3 (T-2) 0-6	Soluble	Solid	300.0	3677
890-738-11	AH-3 (T-2) 1	Soluble	Solid	300.0	3677
890-738-12	AH-3 (T-2) 2	Soluble	Solid	300.0	3677
890-738-13	AH-3 (T-2) 3	Soluble	Solid	300.0	3677
890-738-14	AH-3 (T-2) 4	Soluble	Solid	300.0	3677
890-738-15	AH-4 (T-3) 0-6	Soluble	Solid	300.0	3677
890-738-16	AH-4 (T-3) 1	Soluble	Solid	300.0	3677
890-738-17	AH-4 (T-3) 2	Soluble	Solid	300.0	3677
890-738-18	AH-4 (T-3) 3	Soluble	Solid	300.0	3677
890-738-19	AH-4 (T-3) 4	Soluble	Solid	300.0	3677
890-738-20	AH-5 0-1	Soluble	Solid	300.0	3677
MB 880-3677/1-A	Method Blank	Soluble	Solid	300.0	3677
LCS 880-3677/2-A	Lab Control Sample	Soluble	Solid	300.0	3677
LCSD 880-3677/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3677
890-738-1 MS	AH-1 0-1	Soluble	Solid	300.0	3677
890-738-1 MSD	AH-1 0-1	Soluble	Solid	300.0	3677
890-738-11 MS	AH-3 (T-2) 1	Soluble	Solid	300.0	3677
890-738-11 MSD	AH-3 (T-2) 1	Soluble	Solid	300.0	3677

Analysis Batch: 3708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-21	AH-5 1-1.5	Soluble	Solid	300.0	3678
890-738-22	AH-5 2-2.5	Soluble	Solid	300.0	3678
890-738-23	AH-5 3-3.5	Soluble	Solid	300.0	3678
890-738-24	AH-6 0-1	Soluble	Solid	300.0	3678
890-738-25	AH-6 1-1.5	Soluble	Solid	300.0	3678
890-738-26	AH-7 0-1	Soluble	Solid	300.0	3678

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 3708 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-27	AH-7 1-1.5	Soluble	Solid	300.0	3678
890-738-28	AH-8 0-1	Soluble	Solid	300.0	3678
890-738-29	AH-8 1-1.5	Soluble	Solid	300.0	3678
890-738-30	AH-9 0-1	Soluble	Solid	300.0	3678
890-738-31	AH-9 1-1.5	Soluble	Solid	300.0	3678
890-738-32	AH-10 0-1	Soluble	Solid	300.0	3678
890-738-33	AH-10 1-1.5	Soluble	Solid	300.0	3678
890-738-34	AH-10 2-2.5	Soluble	Solid	300.0	3678
890-738-35	AH-11 0-1	Soluble	Solid	300.0	3678
890-738-36	AH-11 1-1.5	Soluble	Solid	300.0	3678
890-738-37	AH-11 2-2.5	Soluble	Solid	300.0	3678
890-738-38	AH-12 0-1	Soluble	Solid	300.0	3678
890-738-39	AH-12 1-1.5	Soluble	Solid	300.0	3678
890-738-40	AH-12 2-2.5	Soluble	Solid	300.0	3678
MB 880-3678/1-A	Method Blank	Soluble	Solid	300.0	3678
LCS 880-3678/2-A	Lab Control Sample	Soluble	Solid	300.0	3678
LCSD 880-3678/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3678
890-738-21 MS	AH-5 1-1.5	Soluble	Solid	300.0	3678
890-738-21 MSD	AH-5 1-1.5	Soluble	Solid	300.0	3678
890-738-31 MS	AH-9 1-1.5	Soluble	Solid	300.0	3678
890-738-31 MSD	AH-9 1-1.5	Soluble	Solid	300.0	3678

Analysis Batch: 3709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-738-41	H-1 0-6	Soluble	Solid	300.0	3679
890-738-42	H-2 0-6	Soluble	Solid	300.0	3679
890-738-43	H-3 0-6	Soluble	Solid	300.0	3679
890-738-44	H-4 0-6	Soluble	Solid	300.0	3679
890-738-45	H-5 0-6	Soluble	Solid	300.0	3679
890-738-46	H-6 0-6	Soluble	Solid	300.0	3679
890-738-47	H-7 0-6	Soluble	Solid	300.0	3679
890-738-48	H-8 0-6	Soluble	Solid	300.0	3679
MB 880-3679/1-A	Method Blank	Soluble	Solid	300.0	3679
LCS 880-3679/2-A	Lab Control Sample	Soluble	Solid	300.0	3679
LCSD 880-3679/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3679
890-738-41 MS	H-1 0-6	Soluble	Solid	300.0	3679
890-738-41 MSD	H-1 0-6	Soluble	Solid	300.0	3679

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-1 0-1

Lab Sample ID: 890-738-1

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 05:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 16:55	AM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 17:25	CH	XEN MID

Client Sample ID: AH-1 1-1.5

Lab Sample ID: 890-738-2

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 05:26	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 17:57	AM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 17:40	CH	XEN MID

Client Sample ID: AH-1 2-2.5

Lab Sample ID: 890-738-3

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 05:46	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 18:18	AM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 17:45	CH	XEN MID

Client Sample ID: AH-1 3-3.5

Lab Sample ID: 890-738-4

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 06:07	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 18:39	AM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 17:50	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-2 (T-1)0-6

Lab Sample ID: 890-738-5

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 06:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 19:00	AM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 17:55	CH	XEN MID

Client Sample ID: AH-2 (T-1) 1

Lab Sample ID: 890-738-6

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 06:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 19:21	AM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 18:09	CH	XEN MID

Client Sample ID: AH-2 (T-1) 2

Lab Sample ID: 890-738-7

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 07:08	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 19:41	AM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/02/21 08:08	CH	XEN MID

Client Sample ID: AH-2 (T-1)3

Lab Sample ID: 890-738-8

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 07:28	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 20:02	AM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 18:15	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-2 (T-1) 4

Lab Sample ID: 890-738-9

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 07:49	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 20:23	AM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 18:20	CH	XEN MID

Client Sample ID: AH-3 (T-2) 0-6

Lab Sample ID: 890-738-10

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 08:09	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 20:45	AM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/02/21 08:12	CH	XEN MID

Client Sample ID: AH-3 (T-2) 1

Lab Sample ID: 890-738-11

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 09:59	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 21:30	AM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 18:26	CH	XEN MID

Client Sample ID: AH-3 (T-2) 2

Lab Sample ID: 890-738-12

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 10:20	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 21:51	AM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 18:41	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-3 (T-2) 3

Lab Sample ID: 890-738-13

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 10:40	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 22:12	AM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 18:46	CH	XEN MID

Client Sample ID: AH-3 (T-2) 4

Lab Sample ID: 890-738-14

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 11:00	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 22:33	AM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 19:01	CH	XEN MID

Client Sample ID: AH-4 (T-3) 0-6

Lab Sample ID: 890-738-15

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 11:21	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 22:54	AM	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 19:05	CH	XEN MID

Client Sample ID: AH-4 (T-3) 1

Lab Sample ID: 890-738-16

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 11:41	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 23:15	AM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 19:10	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-4 (T-3) 2

Lab Sample ID: 890-738-17

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 12:02	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 23:36	AM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 19:15	CH	XEN MID

Client Sample ID: AH-4 (T-3) 3

Lab Sample ID: 890-738-18

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 12:22	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/01/21 23:57	AM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 19:20	CH	XEN MID

Client Sample ID: AH-4 (T-3) 4

Lab Sample ID: 890-738-19

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 12:42	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 00:18	AM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	3707	06/01/21 19:25	CH	XEN MID

Client Sample ID: AH-5 0-1

Lab Sample ID: 890-738-20

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3588	06/01/21 14:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 13:03	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3700	06/01/21 13:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 00:39	AM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3677	06/01/21 08:31	CH	XEN MID
Soluble	Analysis	300.0		1			3707	06/01/21 19:30	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-5 1-1.5

Lab Sample ID: 890-738-21

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/01/21 22:35	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 16:55	AM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 20:09	CH	XEN MID

Client Sample ID: AH-5 2-2.5

Lab Sample ID: 890-738-22

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/01/21 23:00	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 17:57	AM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 20:24	CH	XEN MID

Client Sample ID: AH-5 3-3.5

Lab Sample ID: 890-738-23

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/01/21 23:25	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 18:18	AM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 20:29	CH	XEN MID

Client Sample ID: AH-6 0-1

Lab Sample ID: 890-738-24

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/01/21 23:51	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 18:39	AM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 20:34	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-6 1-1.5

Lab Sample ID: 890-738-25

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 00:16	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 19:00	AM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 20:38	CH	XEN MID

Client Sample ID: AH-7 0-1

Lab Sample ID: 890-738-26

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 00:41	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 19:21	AM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 20:53	CH	XEN MID

Client Sample ID: AH-7 1-1.5

Lab Sample ID: 890-738-27

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 01:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 19:41	AM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 20:58	CH	XEN MID

Client Sample ID: AH-8 0-1

Lab Sample ID: 890-738-28

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 01:32	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 20:02	AM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 21:03	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-8 1-1.5

Lab Sample ID: 890-738-29

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 01:57	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 20:23	AM	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 21:08	CH	XEN MID

Client Sample ID: AH-9 0-1

Lab Sample ID: 890-738-30

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 02:23	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 20:45	AM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 21:13	CH	XEN MID

Client Sample ID: AH-9 1-1.5

Lab Sample ID: 890-738-31

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 04:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 21:30	AM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 21:18	CH	XEN MID

Client Sample ID: AH-10 0-1

Lab Sample ID: 890-738-32

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 04:31	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 21:51	AM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 21:32	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-10 1-1.5

Lab Sample ID: 890-738-33

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 04:56	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 22:12	AM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 21:37	CH	XEN MID

Client Sample ID: AH-10 2-2.5

Lab Sample ID: 890-738-34

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 05:22	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 22:33	AM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 21:52	CH	XEN MID

Client Sample ID: AH-11 0-1

Lab Sample ID: 890-738-35

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 05:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 22:54	AM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 21:57	CH	XEN MID

Client Sample ID: AH-11 1-1.5

Lab Sample ID: 890-738-36

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 06:13	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 23:15	AM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 22:02	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: AH-11 2-2.5

Lab Sample ID: 890-738-37

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 06:38	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 23:36	AM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 22:06	CH	XEN MID

Client Sample ID: AH-12 0-1

Lab Sample ID: 890-738-38

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 07:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/01/21 23:57	AM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 22:11	CH	XEN MID

Client Sample ID: AH-12 1-1.5

Lab Sample ID: 890-738-39

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 07:33	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/02/21 00:18	AM	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 22:16	CH	XEN MID

Client Sample ID: AH-12 2-2.5

Lab Sample ID: 890-738-40

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3592	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3699	06/02/21 07:59	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3701	06/01/21 13:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3691	06/02/21 00:39	AM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	3678	06/01/21 08:35	CH	XEN MID
Soluble	Analysis	300.0		1			3708	06/01/21 22:21	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: H-1 0-6

Lab Sample ID: 890-738-41

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	3590	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/01/21 22:24	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3702	06/01/21 14:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 02:25	AM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3679	06/01/21 09:04	CH	XEN MID
Soluble	Analysis	300.0		1			3709	06/01/21 23:00	CH	XEN MID

Client Sample ID: H-2 0-6

Lab Sample ID: 890-738-42

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3590	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/01/21 22:45	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3702	06/01/21 14:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 03:28	AM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3679	06/01/21 09:04	CH	XEN MID
Soluble	Analysis	300.0		1			3709	06/01/21 23:15	CH	XEN MID

Client Sample ID: H-3 0-6

Lab Sample ID: 890-738-43

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3590	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/01/21 23:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3702	06/01/21 14:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 03:50	AM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3679	06/01/21 09:04	CH	XEN MID
Soluble	Analysis	300.0		1			3709	06/01/21 23:20	CH	XEN MID

Client Sample ID: H-4 0-6

Lab Sample ID: 890-738-44

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3590	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/01/21 23:26	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3702	06/01/21 14:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 04:11	AM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3679	06/01/21 09:04	CH	XEN MID
Soluble	Analysis	300.0		1			3709	06/01/21 23:25	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Client Sample ID: H-5 0-6

Lab Sample ID: 890-738-45

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3590	06/01/21 10:24	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/01/21 23:46	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3702	06/01/21 14:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 04:32	AM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3679	06/01/21 09:04	CH	XEN MID
Soluble	Analysis	300.0		1			3709	06/01/21 23:30	CH	XEN MID

Client Sample ID: H-6 0-6

Lab Sample ID: 890-738-46

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3590	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 00:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3702	06/01/21 14:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 04:53	AM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3679	06/01/21 09:04	CH	XEN MID
Soluble	Analysis	300.0		1			3709	06/01/21 23:44	CH	XEN MID

Client Sample ID: H-7 0-6

Lab Sample ID: 890-738-47

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3590	06/01/21 12:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3693	06/02/21 00:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3702	06/01/21 14:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 05:15	AM	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	3679	06/01/21 09:04	CH	XEN MID
Soluble	Analysis	300.0		1			3709	06/01/21 23:49	CH	XEN MID

Client Sample ID: H-8 0-6

Lab Sample ID: 890-738-48

Date Collected: 05/26/21 00:00

Matrix: Solid

Date Received: 05/27/21 13:27

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	3706	06/01/21 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3751	06/03/21 12:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3702	06/01/21 14:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3703	06/02/21 05:36	AM	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	3679	06/01/21 09:04	CH	XEN MID
Soluble	Analysis	300.0		1			3709	06/01/21 23:54	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Carlsbad

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
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	T104704400-20-21	06-30-21

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

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

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

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: Gettysburg #2 CTB

Job ID: 890-738-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-738-1	AH-1 0-1	Solid	05/26/21 00:00	05/27/21 13:27	0 - 1
890-738-2	AH-1 1-1.5	Solid	05/26/21 00:00	05/27/21 13:27	1 - 1.5
890-738-3	AH-1 2-2.5	Solid	05/26/21 00:00	05/27/21 13:27	2 - 2.5
890-738-4	AH-1 3-3.5	Solid	05/26/21 00:00	05/27/21 13:27	3 - 3.5
890-738-5	AH-2 (T-1)0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-6	AH-2 (T-1) 1	Solid	05/26/21 00:00	05/27/21 13:27	- 1
890-738-7	AH-2 (T-1) 2	Solid	05/26/21 00:00	05/27/21 13:27	- 2
890-738-8	AH-2 (T-1)3	Solid	05/26/21 00:00	05/27/21 13:27	- 3
890-738-9	AH-2 (T-1) 4	Solid	05/26/21 00:00	05/27/21 13:27	- 4
890-738-10	AH-3 (T-2) 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-11	AH-3 (T-2) 1	Solid	05/26/21 00:00	05/27/21 13:27	- 1
890-738-12	AH-3 (T-2) 2	Solid	05/26/21 00:00	05/27/21 13:27	- 2
890-738-13	AH-3 (T-2) 3	Solid	05/26/21 00:00	05/27/21 13:27	- 3
890-738-14	AH-3 (T-2) 4	Solid	05/26/21 00:00	05/27/21 13:27	- 4
890-738-15	AH-4 (T-3) 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-16	AH-4 (T-3) 1	Solid	05/26/21 00:00	05/27/21 13:27	- 1
890-738-17	AH-4 (T-3) 2	Solid	05/26/21 00:00	05/27/21 13:27	- 2
890-738-18	AH-4 (T-3) 3	Solid	05/26/21 00:00	05/27/21 13:27	- 3
890-738-19	AH-4 (T-3) 4	Solid	05/26/21 00:00	05/27/21 13:27	- 4
890-738-20	AH-5 0-1	Solid	05/26/21 00:00	05/27/21 13:27	0 - 1
890-738-21	AH-5 1-1.5	Solid	05/26/21 00:00	05/27/21 13:27	1 - 1.5
890-738-22	AH-5 2-2.5	Solid	05/26/21 00:00	05/27/21 13:27	2 - 2.5
890-738-23	AH-5 3-3.5	Solid	05/26/21 00:00	05/27/21 13:27	3 - 3.5
890-738-24	AH-6 0-1	Solid	05/26/21 00:00	05/27/21 13:27	0 - 1
890-738-25	AH-6 1-1.5	Solid	05/26/21 00:00	05/27/21 13:27	1 - 1.5
890-738-26	AH-7 0-1	Solid	05/26/21 00:00	05/27/21 13:27	0 - 1
890-738-27	AH-7 1-1.5	Solid	05/26/21 00:00	05/27/21 13:27	1 - 1.5
890-738-28	AH-8 0-1	Solid	05/26/21 00:00	05/27/21 13:27	0 - 1
890-738-29	AH-8 1-1.5	Solid	05/26/21 00:00	05/27/21 13:27	1 - 1.5
890-738-30	AH-9 0-1	Solid	05/26/21 00:00	05/27/21 13:27	0 - 1
890-738-31	AH-9 1-1.5	Solid	05/26/21 00:00	05/27/21 13:27	1 - 1.5
890-738-32	AH-10 0-1	Solid	05/26/21 00:00	05/27/21 13:27	0 - 1
890-738-33	AH-10 1-1.5	Solid	05/26/21 00:00	05/27/21 13:27	1 - 1.5
890-738-34	AH-10 2-2.5	Solid	05/26/21 00:00	05/27/21 13:27	2 - 2.5
890-738-35	AH-11 0-1	Solid	05/26/21 00:00	05/27/21 13:27	0 - 1
890-738-36	AH-11 1-1.5	Solid	05/26/21 00:00	05/27/21 13:27	1 - 1.5
890-738-37	AH-11 2-2.5	Solid	05/26/21 00:00	05/27/21 13:27	2 - 2.5
890-738-38	AH-12 0-1	Solid	05/26/21 00:00	05/27/21 13:27	0 - 1
890-738-39	AH-12 1-1.5	Solid	05/26/21 00:00	05/27/21 13:27	1 - 1.5
890-738-40	AH-12 2-2.5	Solid	05/26/21 00:00	05/27/21 13:27	2 - 2.5
890-738-41	H-1 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-42	H-2 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-43	H-3 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-44	H-4 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-45	H-5 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-46	H-6 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-47	H-7 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6
890-738-48	H-8 0-6	Solid	05/26/21 00:00	05/27/21 13:27	0 - 6

Eurofins Xenco, Carlsbad

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

890-738 Chain of Custody



Page 1 of 5

6/3/2021

Client Name:		COG		Site Manager:		Brittany Long	
Project Name:		Gettysburg #2 CTB		Project #:		212C-MD-02515	
Project Location: (county, state)		Lea County, NM		Invoice to:		COG - Kelsy Waggaman	
Receiving Laboratory:		Xenco/Eurofins		Sampler Signature:		<i>[Signature]</i>	
Comments:							

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)	LAB USE ONLY	REMARKS:
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None					
										YEAR 2020				
	AH-1 (0-1')	5/26/2021		X		X							X	
	AH-1 (1-1.5')	5/26/2021		X		X							X	
	AH-1 (2-2.5')	5/26/2021		X		X							X	
	AH-1 (3-3.5')	5/26/2021		X		X							X	
	AH-2 (T-1) (0-6")	5/26/2021		X		X							X	
	AH-2 (T-1) (1')	5/26/2021		X		X							X	
	AH-2 (T-1) (2')	5/26/2021		X		X							X	
	AH-2 (T-1) (3')	5/26/2021		X		X							X	
	AH-2 (T-1) (4')	5/26/2021		X		X							X	
	AH-3 (T-2) (0-6")	5/26/2021		X		X							X	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<i>[Signature]</i>			<i>[Signature]</i>	5-27-21	1323
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

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

Sample Temperature	5.2 / 5.0
Special Report Limits or TRRP Report	☐

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Analysis Request of Chain of Custody Record



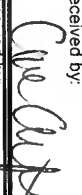
Tetra Tech, Inc.

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

5/24/16/2016

Page 2 of 5

6/3/2021

Client Name:		COG		Site Manager:		Brittany Long	
Project Name:		Gettysburg #2 CTB		Project #:		212C-MD-02515	
Project Location:		Lea County, NM		Project #:		212C-MD-02515	
Invoice to:		COG - Kelsy Waggoner		Sampler Signature:			
Receiving Laboratory:		Xenco/Eurofins		Date:		5-27-20	
Comments:				Time:		1323	
Relinquished by:				Received by:			
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Relinquished by:				Received by:			
Date:				Date:		5-27-20	
Time:				Time:		1323	
Relinquished by:							

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

Fax _____

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6/3/2021

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W. Main Street, Ste 100
Midland, Texas 79705
Tel (432) 692-4559
Fax (432) 692-3946

Client Name:	COG	Site Manager:	Brittany Long
Project Name:	Gettysburg #2 CTB	Project #:	212C-MD-02515
Project Location: (county, state)	Lea County, NM	Project #:	212C-MD-02515
Invoice to:	COG - Kelsy Waggaman	Sampler Signature:	<i>Kelsy Waggaman</i>
Receiving Laboratory:	Xenco/Eurofins	Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		DATE	TIME	MATRIX		PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)	
		YEAR 2020				WATER	SOIL	HCL	HNO ₃	ICE	None				
	AH-9 (1-1.5)			5/26/2021			X								
	AH-10 (0-1)			5/26/2021			X								
	AH-10 (1-1.5)			5/26/2021			X								
	AH-10 (2-2.5)			5/26/2021			X								
	AH-11 (0-1)			5/26/2021			X								
	AH-11 (1-1.5)			5/26/2021			X								
	AH-11 (2-2.5)			5/26/2021			X								
	AH-12 (0-1)			5/26/2021			X								
	AH-12 (1-1.5)			5/26/2021			X								
	AH-12 (2-2.5)			5/26/2021			X								

Relinquished by:	<i>Kelsy Waggaman</i>	Date:		Time:		Received by:	<i>Jim Galt</i>	Date:	5-27-21	Time:	1323
Relinquished by:		Date:		Time:		Received by:		Date:		Time:	

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

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

 5311W Wain Street, Ste 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

Page 5 of 5

Client Name:		COG		Site Manager:		Brittany Long	
Project Name:		Gettysburg #2 CTB		Project #:		212C-MD-02515	
Project Location: (county, state)		Lea County, NM		Project #:		212C-MD-02515	
Invoice to:		COG - Kelsy Waggaman		Sampler Signature:		<i>E. Murphy</i>	
Receiving Laboratory:		Xenco/Eurofins		Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	LAB USE ONLY	ANALYSIS REQUEST (Circle or Specify Method No.)		
		DATE	TIME	WATER	SOIL	HCL	HNO ₃					ICE	None
	H-1 (0-6")	5/26/2021		X				X			BTEX 8021B BTEX 8260B		
	H-2 (0-6")	5/26/2021		X				X			TPH TX1005 (Ext to C85)		
	H-3 (0-6")	5/26/2021		X				X			TPH 8015M (GRO - DRO - ORO - MRO)		
	H-4 (0-6")	5/26/2021		X				X			PAH 8270C		
	H-5 (0-6")	5/26/2021		X				X			Total Metals Ag As Ba Cd Cr Pb Se Hg		
	H-6 (0-6")	5/26/2021		X				X			TCLP Metals Ag As Ba Cd Cr Pb Se Hg		
	H-7 (0-6")	5/26/2021		X				X			TCLP Volatiles		
	H-8 (0-6")	5/26/2021		X				X			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		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<i>E. Murphy</i>			<i>Brittany Long</i>	5-27-21	1323
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY	REMARKS:
☒ STANDARD	
☐ RUSH CHARGES AUTHORIZED	
☐ SPECIAL REPORT LIMITS OR TRRP REPORT	

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

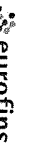
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Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing
America

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier/Tracking No(s)	COG No:
Client Contact:	Phone:	Kramer Jessica			890-243-1
Shipping/Receiving	E-Mail:	Jessica.kramer@eurofins.com	State of Origin:		Page: 1 of 6
Company:	Accreditations Required (See note)	NECAP - Texas	New Mexico		Job #:
Address:	Due Date Requested	6/3/2021			890-738-1
City:	TAT Requested (days)				
State:					
Zip:					
Phone:	PO #				
432-704-5440 (Tel)	WOC #				
Email:					
Project Name:	Project #				
Getysburg #2 CTB	88000018				
Site:	SSOV#				
Sample Identification - Client ID (Lab ID)					
AH-1 0-1 (890-738-1)	Sample Date	Sample Time	Sample Type (G-comp, G-grab)	Matrix (H-water, S-solid, O-organic, B-tritise, A-air)	Field Filtered Sample (Yes or No)
					Perform MS/MSD (Yes or No)
AH-1 1-1 5 (890-738-2)	5/26/21	Mountain	Solid		300_ORGFM_28D/DI_LEACH Chloride
AH-1 2-2 5 (890-738-3)	5/26/21	Mountain	Solid		8015MOD_NM/8015NM_S_Prep Full TPH
AH-1 3-3 5 (890-738-4)	5/26/21	Mountain	Solid		8021B/6035FP_Calc BTEX
AH-2 (T-1)0-6 (890-738-5)	5/26/21	Mountain	Solid		
AH-2 (T-1) 1 (890-738-6)	5/26/21	Mountain	Solid		
AH-2 (T-1) 2 (890-738-7)	5/26/21	Mountain	Solid		
AH-2 (T-1)3 (890-738-8)	5/26/21	Mountain	Solid		
AH-2 (T-1) 4 (890-738-9)	5/26/21	Mountain	Solid		
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analysis & accreditation compliance upon our subcontracted 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, 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					
Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
Deliverable Requested I, II, III, IV, Other (Specify)	Primary Deliverable Rank 2	Special Instructions/OC Requirements			
Empty Kit Relinquished by	Date	Time	Method of Shipment		
Relinquished by: Cue Corp 5-27-21	Date/Time:		Date/Time: 6-1-21 3:30 PM		
Relinquished by:	Date/Time:		Date/Time:		
Relinquished by:	Date/Time:		Date/Time:		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.			

Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing America

Client Information (Sub Contract Lab)						Lab PM		Carrier Tracking No(s)		COC No.									
Client Contact:		Shipping/Receiving		Phone:		Kramer Jessica				890-243 3									
Company:		Eurofins Xenco		E-Mail:		jessica.kramer@eurofinset.com		State of Origin:		Page 3 of 6									
Address:		1211 W Florida Ave		Due Date Requested		6/3/2021		Accreditations Required (See note)		Job #:									
City:		Midland		TAT Requested (days)				NE/LAP - Texas		890-738-1									
State, Zip:		TX, 79701		PO #:															
Phone:		432-704-5440 (Tel)		WO #:															
Email:				Project #:		88000018													
Project Name:		Gettysburg #2 CTB		SSOV#:															
Site:																			
Sample Identification - Client ID (Lab ID)				Sample Date		Sample Time		Sample Type (C=comp, G=grab) Preservation Code:		Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers		Special Instructions/Note.	
AH-4 (T-3) 4 (890-738-19)				5/26/21		Mountain		Solid		X		X		X		1			
AH-5 0-1 (890-738-20)				5/26/21		Mountain		Solid		X		X		X		1			
AH-5 1-1 5 (890-738-21)				5/26/21		Mountain		Solid		X		X		X		1			
AH-5 2-2 5 (890-738-22)				5/26/21		Mountain		Solid		X		X		X		1			
AH-5 3-3 5 (890-738-23)				5/26/21		Mountain		Solid		X		X		X		1			
AH-6 0-1 (890-738-24)				5/26/21		Mountain		Solid		X		X		X		1			
AH-6 1-1 5 (890-738-25)				5/26/21		Mountain		Solid		X		X		X		1			
AH-7 0-1 (890-738-26)				5/26/21		Mountain		Solid		X		X		X		1			
AH-7 1-1 5 (890-738-27)				5/26/21		Mountain		Solid		X		X		X		1			
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our 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/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other institutions 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																			
Unconfirmed																			
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank: 2																			
Empty Kit Relinquished by _____ Date _____ Time _____ Method of Shipment: _____																			
Relinquished by _____ Date/Time: _____ Company: _____ Delivered By: _____ Date/Time: _____ Company: _____																			
Relinquished by _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____																			
Custody Seals Intact: _____ Custody Seal No _____ Coder Temperature(s) °C and Other Remarks _____																			
Δ Yes Δ No																			

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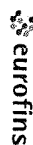
Eurofins Xenco, Carlsbad

1089 N Canal St.

Carlsbad NM 88220

Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing
America

Client Information (Sub Contract Lab)						Sampler	Lab PM	Carrier Tracking No(s)	COC No.							
Client Contact:						Phone	Kramer Jessica		890-243 5							
Shipping/Receiving						E-Mail	jessica.kramer@eurofins.com	State of Origin: New Mexico	Page 5 of 6							
Company Eurofins Xenco						Accreditations Required (See note). NELAP - Texas			Job #: 890-738-1							
Address 1211 W Florida Ave						Due Date Requested 6/3/2021										
City Midland						TAT Requested (days)	Analysis Requested									
State Zip TX 79701																
Phone 432-704-5440(Tel)						PO #										
Email						WFO #										
Project Name Getlysburg #2 CTB						Project # 88000018										
Site						SSOV#										
Sample Identification - Client ID (Lab ID)						Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (M=water S=solid, O=wastefl.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFMM_28D/DI_LEACH Chloride	8015MOD_NMI/8015NM_S_Prep Full TPH	8021B/6036FP_Calc BTEX	Total Number of containers	Special Instructions/Note:
AH-11 2-2-5 (890-738-37)						5/26/21	Mountain	Solid		X	X	X				
AH-12 0-1 (890-738-38)						5/26/21	Mountain	Solid		X	X	X				
AH-12 1-1-5 (890-738-39)						5/26/21	Mountain	Solid		X	X	X				
AH-12 2-2-5 (890-738-40)						5/26/21	Mountain	Solid		X	X	X				
H-1 0-6 (890-738-41)						5/26/21	Mountain	Solid		X	X	X				
H-2 0-6 (890-738-42)						5/26/21	Mountain	Solid		X	X	X				
H-3 0-6 (890-738-43)						5/26/21	Mountain	Solid		X	X	X				
H-4 0-6 (890-738-44)						5/26/21	Mountain	Solid		X	X	X				
H-5 0-6 (890-738-45)						5/26/21	Mountain	Solid		X	X	X				
Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our 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/test/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) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months										
Unconfirmed						Special Instructions/QC Requirements										
Deliverable Requested I II III IV Other (specify) _____ Primary Deliverable Rank 2																
Empty Kit Relinquished by _____						Date	Time	Method of Shipment:								
Relinquished by _____						Date/Time		Company	Received by _____ Date/Time: _____							
Relinquished by _____						Date/Time		Company	Received by _____ Date/Time: _____							
Relinquished by _____						Date/Time		Company	Received by _____ Date/Time: _____							
Custody Seals Intact. Δ Yes Δ No						Cooler Temperature(s) °C and Other Remarks										

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-738-1

SDG Number: Lea County NM

Login Number: 738

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Xenco, Carlsbad

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

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-738-1

SDG Number: Lea County NM

Login Number: 738

List Number: 2

Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland

List Creation: 06/01/21 11:49 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?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-4551-1

Laboratory Sample Delivery Group: Eddy Co,NM

Client Project/Site: Gettysburg State 002H CTB Release

For:

Tetra Tech, Inc.
8911 N. Capital of Texas Hwy
Bldg. 2, Ste 2310
Austin, Texas 78759

Attn: Christian Llull

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

Authorized for release by:
8/6/2021 1:38:35 PM

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

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results through

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www.eurofinsus.com/Env

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

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

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Laboratory Job ID: 880-4551-1
SDG: Eddy Co,NM

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Job ID: 880-4551-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-4551-1

Receipt

The samples were received on 7/30/2021 4:30 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 2.6°C

GC VOA

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 laboratory control sample (LCS) associated with preparation batch 880-5988 and analytical batch 880-6001 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-5988 and analytical batch 880-6001 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10

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

HPLC/IC

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: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: FS-13 (1')

Lab Sample ID: 880-4551-1

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 13:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 13:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 13:37	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/02/21 09:14	08/02/21 13:37	1
1,4-Difluorobenzene (Surr)	111		70 - 130	08/02/21 09:14	08/02/21 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		08/02/21 16:42	08/03/21 16:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:42	08/03/21 16:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:42	08/03/21 16:11	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:42	08/03/21 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/02/21 16:42	08/03/21 16:11	1
o-Terphenyl	99		70 - 130	08/02/21 16:42	08/03/21 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		4.97		mg/Kg			08/05/21 20:08	1

Client Sample ID: FS-14 (1')

Lab Sample ID: 880-4551-2

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 13:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/21 09:14	08/02/21 13:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/21 09:14	08/02/21 13:58	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/02/21 09:14	08/02/21 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	08/02/21 09:14	08/02/21 13:58	1
1,4-Difluorobenzene (Surr)	79		70 - 130	08/02/21 09:14	08/02/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		08/02/21 16:42	08/03/21 16:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: FS-14 (1')

Lab Sample ID: 880-4551-2

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 16:42	08/03/21 16:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:42	08/03/21 16:32	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:42	08/03/21 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				08/02/21 16:42	08/03/21 16:32	1
o-Terphenyl	84		70 - 130				08/02/21 16:42	08/03/21 16:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		4.96		mg/Kg			08/05/21 20:14	1

Client Sample ID: FS-15 (1.5')

Lab Sample ID: 880-4551-3

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 14:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 14:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 14:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 14:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 14:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 14:18	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				08/02/21 09:14	08/02/21 14:18	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/02/21 09:14	08/02/21 14:18	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 *- *1	50.0		mg/Kg		08/02/21 16:43	08/03/21 17:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 17:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 17:14	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				08/02/21 16:43	08/03/21 17:14	1
o-Terphenyl	80		70 - 130				08/02/21 16:43	08/03/21 17:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			08/05/21 20:19	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: SSW-2

Lab Sample ID: 880-4551-4

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 14:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 14:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 14:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 14:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 14:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 14:39	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/02/21 09:14	08/02/21 14:39	1
1,4-Difluorobenzene (Surr)	111		70 - 130	08/02/21 09:14	08/02/21 14:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		08/02/21 16:43	08/03/21 17:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 17:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 17:42	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	08/02/21 16:43	08/03/21 17:42	1
o-Terphenyl	82		70 - 130	08/02/21 16:43	08/03/21 17:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.8		4.95		mg/Kg			08/05/21 20:25	1

Client Sample ID: SSW-3

Lab Sample ID: 880-4551-5

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 15:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/02/21 09:14	08/02/21 15:00	1
Ethylbenzene	0.00260		0.00198		mg/Kg		08/02/21 09:14	08/02/21 15:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/02/21 09:14	08/02/21 15:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/02/21 09:14	08/02/21 15:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/02/21 09:14	08/02/21 15:00	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/02/21 09:14	08/02/21 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	08/02/21 09:14	08/02/21 15:00	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/02/21 09:14	08/02/21 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:02	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: SSW-3

Lab Sample ID: 880-4551-5

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 16:43	08/03/21 18:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:02	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				08/02/21 16:43	08/03/21 18:02	1
o-Terphenyl	82		70 - 130				08/02/21 16:43	08/03/21 18:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.0		4.99		mg/Kg			08/05/21 21:14	1

Client Sample ID: SSW-4

Lab Sample ID: 880-4551-6

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 15:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 15:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 15:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 15:20	1
o-Xylene	0.00231		0.00199		mg/Kg		08/02/21 09:14	08/02/21 15:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 15:20	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				08/02/21 09:14	08/02/21 15:20	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/02/21 09:14	08/02/21 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:23	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				08/02/21 16:43	08/03/21 18:23	1
o-Terphenyl	77		70 - 130				08/02/21 16:43	08/03/21 18:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		4.97		mg/Kg			08/05/21 21:20	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: WSW-6

Lab Sample ID: 880-4551-7

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 15:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 15:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 15:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 15:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 15:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 15:41	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	08/02/21 09:14	08/02/21 15:41	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/02/21 09:14	08/02/21 15:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- *1	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:44	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	08/02/21 16:43	08/03/21 18:44	1
o-Terphenyl	79		70 - 130	08/02/21 16:43	08/03/21 18:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	368		4.98		mg/Kg			08/05/21 21:36	1

Client Sample ID: WSW-7

Lab Sample ID: 880-4551-8

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 16:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/02/21 09:14	08/02/21 16:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/02/21 09:14	08/02/21 16:02	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/02/21 09:14	08/02/21 16:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/02/21 09:14	08/02/21 16:02	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/02/21 09:14	08/02/21 16:02	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/02/21 09:14	08/02/21 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/02/21 09:14	08/02/21 16:02	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/02/21 09:14	08/02/21 16:02	1

Method: 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		08/02/21 16:43	08/03/21 19:05	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: WSW-7

Lab Sample ID: 880-4551-8

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 19:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 19:05	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				08/02/21 16:43	08/03/21 19:05	1
o-Terphenyl	86		70 - 130				08/02/21 16:43	08/03/21 19:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	427		5.00		mg/Kg			08/05/21 21:42	1

Client Sample ID: NSW-1

Lab Sample ID: 880-4551-9

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 16:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 16:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 16:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 16:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 09:14	08/02/21 16:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 16:23	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 09:14	08/02/21 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				08/02/21 09:14	08/02/21 16:23	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/02/21 09:14	08/02/21 16:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	50.0		mg/Kg		08/02/21 16:43	08/03/21 19:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 19:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 19:26	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				08/02/21 16:43	08/03/21 19:26	1
o-Terphenyl	82		70 - 130				08/02/21 16:43	08/03/21 19:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		5.04		mg/Kg			08/05/21 21:47	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: NSW-2

Lab Sample ID: 880-4551-10

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 16:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 16:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 16:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 16:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 16:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 16:43	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	08/02/21 09:14	08/02/21 16:43	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/02/21 09:14	08/02/21 16:43	1

Method: 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		08/02/21 16:43	08/03/21 19:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 19:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 19:47	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:43	08/03/21 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	08/02/21 16:43	08/03/21 19:47	1
o-Terphenyl	82		70 - 130	08/02/21 16:43	08/03/21 19:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			08/05/21 21:53	1

Client Sample ID: NSW-3

Lab Sample ID: 880-4551-11

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 18:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 18:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 18:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 18:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 18:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 18:06	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/02/21 09:14	08/02/21 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/02/21 09:14	08/02/21 18:06	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/02/21 09:14	08/02/21 18:06	1

Method: 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		08/02/21 16:43	08/03/21 20:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: NSW-3

Lab Sample ID: 880-4551-11

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 20:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 20:08	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				08/02/21 16:43	08/03/21 20:08	1
o-Terphenyl	77		70 - 130				08/02/21 16:43	08/03/21 20:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.0		4.98		mg/Kg			08/05/21 21:58	1

Client Sample ID: ESW-1

Lab Sample ID: 880-4551-12

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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		08/02/21 09:14	08/02/21 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 18:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/02/21 09:14	08/02/21 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 18:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/02/21 09:14	08/02/21 18:27	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/02/21 09:14	08/02/21 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/02/21 09:14	08/02/21 18:27	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/02/21 09:14	08/02/21 18:27	1

Method: 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		08/02/21 16:43	08/03/21 20:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 20:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 20:29	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:43	08/03/21 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				08/02/21 16:43	08/03/21 20:29	1
o-Terphenyl	91		70 - 130				08/02/21 16:43	08/03/21 20:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.8		5.05		mg/Kg			08/05/21 22:04	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

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)
880-4551-1	FS-13 (1')	111	111
880-4551-1 MS	FS-13 (1')	108	103
880-4551-1 MSD	FS-13 (1')	111	100
880-4551-2	FS-14 (1')	123	79
880-4551-3	FS-15 (1.5')	120	90
880-4551-4	SSW-2	114	111
880-4551-5	SSW-3	126	104
880-4551-6	SSW-4	125	117
880-4551-7	WSW-6	135 S1+	106
880-4551-8	WSW-7	117	105
880-4551-9	NSW-1	121	100
880-4551-10	NSW-2	132 S1+	112
880-4551-11	NSW-3	108	103
880-4551-12	ESW-1	110	107
LCS 880-5954/1-A	Lab Control Sample	100	97
LCSD 880-5954/2-A	Lab Control Sample Dup	100	94
MB 880-5954/5-A	Method Blank	98	81
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)
880-4551-1	FS-13 (1')	98	99
880-4551-2	FS-14 (1')	81	84
880-4551-3	FS-15 (1.5')	78	80
880-4551-4	SSW-2	85	82
880-4551-5	SSW-3	81	82
880-4551-6	SSW-4	76	77
880-4551-7	WSW-6	78	79
880-4551-8	WSW-7	84	86
880-4551-9	NSW-1	86	82
880-4551-10	NSW-2	79	82
880-4551-11	NSW-3	75	77
880-4551-12	ESW-1	85	91
890-1034-A-1-C MS	Matrix Spike	82	74
890-1034-A-1-D MSD	Matrix Spike Duplicate	78	74
LCS 880-5988/2-A	Lab Control Sample	78	76
LCSD 880-5988/3-A	Lab Control Sample Dup	86	85
MB 880-5988/1-A	Method Blank	79	82
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-5954/5-A

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/02/21 09:14	08/02/21 13:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	08/02/21 09:14	08/02/21 13:15	1
1,4-Difluorobenzene (Surr)	81		70 - 130	08/02/21 09:14	08/02/21 13:15	1

Lab Sample ID: LCS 880-5954/1-A

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.09896		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09931		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2079		mg/Kg		104	70 - 130
o-Xylene	0.100	0.09453		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-5954/2-A

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5954

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1061		mg/Kg		106	70 - 130	4	35
Toluene	0.100	0.09557		mg/Kg		96	70 - 130	3	35
Ethylbenzene	0.100	0.09272		mg/Kg		93	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1979		mg/Kg		99	70 - 130	5	35
o-Xylene	0.100	0.08978		mg/Kg		90	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-4551-1 MS

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: FS-13 (1')

Prep Type: Total/NA

Prep Batch: 5954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.101	0.1011		mg/Kg		100	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-4551-1 MS

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: FS-13 (1')

Prep Type: Total/NA

Prep Batch: 5954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U	0.101	0.09684		mg/Kg		95	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.09660		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.202	0.1945		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.101	0.09466		mg/Kg		93	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: 880-4551-1 MSD

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: FS-13 (1')

Prep Type: Total/NA

Prep Batch: 5954

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.1088		mg/Kg		109	70 - 130	7	35
Toluene	<0.00200	U	0.0996	0.1031		mg/Kg		103	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.0996	0.1028		mg/Kg		102	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.2126		mg/Kg		107	70 - 130	9	35
o-Xylene	<0.00200	U	0.0996	0.09977		mg/Kg		99	70 - 130	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	111		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

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

Lab Sample ID: MB 880-5988/1-A

Matrix: Solid

Analysis Batch: 6001

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5988

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		08/02/21 16:42	08/03/21 11:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:42	08/03/21 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:42	08/03/21 11:40	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:42	08/03/21 11:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				08/02/21 16:42	08/03/21 11:40	1
o-Terphenyl	82		70 - 130				08/02/21 16:42	08/03/21 11:40	1

Lab Sample ID: LCS 880-5988/2-A

Matrix: Solid

Analysis Batch: 6001

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5988

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	672.3	*-	mg/Kg		67	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

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

Lab Sample ID: LCS 880-5988/2-A

Matrix: Solid

Analysis Batch: 6001

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5988

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier				Limits		
Diesel Range Organics (Over C10-C28)			1000	728.0		mg/Kg		73	70 - 130		
Surrogate	LCS		Limits	LCS							
	%Recovery	Qualifier									
1-Chlorooctane	78		70 - 130								
o-Terphenyl	76		70 - 130								

Lab Sample ID: LCSD 880-5988/3-A

Matrix: Solid

Analysis Batch: 6001

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5988

Top Data: 0000										
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
			Added	Result	Qualifier			Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1100	*1	mg/Kg		110	70 - 130	48
Diesel Range Organics (Over C10-C28)			1000	837.6		mg/Kg		84	70 - 130	14
Surrogate	%Recovery	LCSD	LCSD							
		Qualifier	Limits							
1-Chlorooctane	86		70 - 130							
o-Terphenyl	85		70 - 130							

Lab Sample ID: 890-1034-A-1-C MS

Matrix: Solid

Analysis Batch: 6001

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 5988

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	996	908.2		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	946.9		mg/Kg		93	70 - 130		

Lab Sample ID: 890-1034-A-1-D MSD

Matrix: Solid

Analysis Batch: 6001

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 5988

Top Data: 0000											
Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *- *1	996	909.3		mg/Kg		91	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	938.4		mg/Kg		93	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	74		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6022/1-A

Matrix: Solid

Analysis Batch: 6137

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			08/05/21 18:52	1

Lab Sample ID: LCS 880-6022/2-A

Matrix: Solid

Analysis Batch: 6137

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	260.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-6022/3-A

Matrix: Solid

Analysis Batch: 6137

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	260.5		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-4551-4 MS

Matrix: Solid

Analysis Batch: 6137

Client Sample ID: SSW-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	22.8		248	294.6		mg/Kg		110	90 - 110

Lab Sample ID: 880-4551-4 MSD

Matrix: Solid

Analysis Batch: 6137

Client Sample ID: SSW-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	22.8		248	284.0		mg/Kg		106	90 - 110	4	20

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

GC VOA

Prep Batch: 5954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4551-1	FS-13 (1')	Total/NA	Solid	5035	
880-4551-2	FS-14 (1')	Total/NA	Solid	5035	
880-4551-3	FS-15 (1.5')	Total/NA	Solid	5035	
880-4551-4	SSW-2	Total/NA	Solid	5035	
880-4551-5	SSW-3	Total/NA	Solid	5035	
880-4551-6	SSW-4	Total/NA	Solid	5035	
880-4551-7	WSW-6	Total/NA	Solid	5035	
880-4551-8	WSW-7	Total/NA	Solid	5035	
880-4551-9	NSW-1	Total/NA	Solid	5035	
880-4551-10	NSW-2	Total/NA	Solid	5035	
880-4551-11	NSW-3	Total/NA	Solid	5035	
880-4551-12	ESW-1	Total/NA	Solid	5035	
MB 880-5954/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5954/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5954/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4551-1 MS	FS-13 (1')	Total/NA	Solid	5035	
880-4551-1 MSD	FS-13 (1')	Total/NA	Solid	5035	

Analysis Batch: 5956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4551-1	FS-13 (1')	Total/NA	Solid	8021B	5954
880-4551-2	FS-14 (1')	Total/NA	Solid	8021B	5954
880-4551-3	FS-15 (1.5')	Total/NA	Solid	8021B	5954
880-4551-4	SSW-2	Total/NA	Solid	8021B	5954
880-4551-5	SSW-3	Total/NA	Solid	8021B	5954
880-4551-6	SSW-4	Total/NA	Solid	8021B	5954
880-4551-7	WSW-6	Total/NA	Solid	8021B	5954
880-4551-8	WSW-7	Total/NA	Solid	8021B	5954
880-4551-9	NSW-1	Total/NA	Solid	8021B	5954
880-4551-10	NSW-2	Total/NA	Solid	8021B	5954
880-4551-11	NSW-3	Total/NA	Solid	8021B	5954
880-4551-12	ESW-1	Total/NA	Solid	8021B	5954
MB 880-5954/5-A	Method Blank	Total/NA	Solid	8021B	5954
LCS 880-5954/1-A	Lab Control Sample	Total/NA	Solid	8021B	5954
LCSD 880-5954/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5954
880-4551-1 MS	FS-13 (1')	Total/NA	Solid	8021B	5954
880-4551-1 MSD	FS-13 (1')	Total/NA	Solid	8021B	5954

GC Semi VOA

Prep Batch: 5988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4551-1	FS-13 (1')	Total/NA	Solid	8015NM Prep	
880-4551-2	FS-14 (1')	Total/NA	Solid	8015NM Prep	
880-4551-3	FS-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-4551-4	SSW-2	Total/NA	Solid	8015NM Prep	
880-4551-5	SSW-3	Total/NA	Solid	8015NM Prep	
880-4551-6	SSW-4	Total/NA	Solid	8015NM Prep	
880-4551-7	WSW-6	Total/NA	Solid	8015NM Prep	
880-4551-8	WSW-7	Total/NA	Solid	8015NM Prep	
880-4551-9	NSW-1	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

GC Semi VOA (Continued)

Prep Batch: 5988 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4551-10	NSW-2	Total/NA	Solid	8015NM Prep	
880-4551-11	NSW-3	Total/NA	Solid	8015NM Prep	
880-4551-12	ESW-1	Total/NA	Solid	8015NM Prep	
MB 880-5988/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5988/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5988/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1034-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1034-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 6001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4551-1	FS-13 (1')	Total/NA	Solid	8015B NM	5988
880-4551-2	FS-14 (1')	Total/NA	Solid	8015B NM	5988
880-4551-3	FS-15 (1.5')	Total/NA	Solid	8015B NM	5988
880-4551-4	SSW-2	Total/NA	Solid	8015B NM	5988
880-4551-5	SSW-3	Total/NA	Solid	8015B NM	5988
880-4551-6	SSW-4	Total/NA	Solid	8015B NM	5988
880-4551-7	WSW-6	Total/NA	Solid	8015B NM	5988
880-4551-8	WSW-7	Total/NA	Solid	8015B NM	5988
880-4551-9	NSW-1	Total/NA	Solid	8015B NM	5988
880-4551-10	NSW-2	Total/NA	Solid	8015B NM	5988
880-4551-11	NSW-3	Total/NA	Solid	8015B NM	5988
880-4551-12	ESW-1	Total/NA	Solid	8015B NM	5988
MB 880-5988/1-A	Method Blank	Total/NA	Solid	8015B NM	5988
LCS 880-5988/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5988
LCSD 880-5988/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5988
890-1034-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	5988
890-1034-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	5988

HPLC/IC

Leach Batch: 6022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4551-1	FS-13 (1')	Soluble	Solid	DI Leach	
880-4551-2	FS-14 (1')	Soluble	Solid	DI Leach	
880-4551-3	FS-15 (1.5')	Soluble	Solid	DI Leach	
880-4551-4	SSW-2	Soluble	Solid	DI Leach	
880-4551-5	SSW-3	Soluble	Solid	DI Leach	
880-4551-6	SSW-4	Soluble	Solid	DI Leach	
880-4551-7	WSW-6	Soluble	Solid	DI Leach	
880-4551-8	WSW-7	Soluble	Solid	DI Leach	
880-4551-9	NSW-1	Soluble	Solid	DI Leach	
880-4551-10	NSW-2	Soluble	Solid	DI Leach	
880-4551-11	NSW-3	Soluble	Solid	DI Leach	
880-4551-12	ESW-1	Soluble	Solid	DI Leach	
MB 880-6022/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6022/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6022/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4551-4 MS	SSW-2	Soluble	Solid	DI Leach	
880-4551-4 MSD	SSW-2	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

HPLC/IC

Analysis Batch: 6137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4551-1	FS-13 (1')	Soluble	Solid	300.0	6022
880-4551-2	FS-14 (1')	Soluble	Solid	300.0	6022
880-4551-3	FS-15 (1.5')	Soluble	Solid	300.0	6022
880-4551-4	SSW-2	Soluble	Solid	300.0	6022
880-4551-5	SSW-3	Soluble	Solid	300.0	6022
880-4551-6	SSW-4	Soluble	Solid	300.0	6022
880-4551-7	WSW-6	Soluble	Solid	300.0	6022
880-4551-8	WSW-7	Soluble	Solid	300.0	6022
880-4551-9	NSW-1	Soluble	Solid	300.0	6022
880-4551-10	NSW-2	Soluble	Solid	300.0	6022
880-4551-11	NSW-3	Soluble	Solid	300.0	6022
880-4551-12	ESW-1	Soluble	Solid	300.0	6022
MB 880-6022/1-A	Method Blank	Soluble	Solid	300.0	6022
LCS 880-6022/2-A	Lab Control Sample	Soluble	Solid	300.0	6022
LCSD 880-6022/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6022
880-4551-4 MS	SSW-2	Soluble	Solid	300.0	6022
880-4551-4 MSD	SSW-2	Soluble	Solid	300.0	6022

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: FS-13 (1')

Lab Sample ID: 880-4551-1

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 13:37	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5988	08/02/21 16:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 16:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 20:08	CH	XEN MID

Client Sample ID: FS-14 (1')

Lab Sample ID: 880-4551-2

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 13:58	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5988	08/02/21 16:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 16:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 20:14	CH	XEN MID

Client Sample ID: FS-15 (1.5')

Lab Sample ID: 880-4551-3

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 14:18	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 17:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 20:19	CH	XEN MID

Client Sample ID: SSW-2

Lab Sample ID: 880-4551-4

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 14:39	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 17:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 20:25	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: SSW-3

Lab Sample ID: 880-4551-5

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 15:00	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 18:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 21:14	CH	XEN MID

Client Sample ID: SSW-4

Lab Sample ID: 880-4551-6

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 15:20	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 18:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 21:20	CH	XEN MID

Client Sample ID: WSW-6

Lab Sample ID: 880-4551-7

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 15:41	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 18:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 21:36	CH	XEN MID

Client Sample ID: WSW-7

Lab Sample ID: 880-4551-8

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 16:02	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 19:05	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 21:42	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Client Sample ID: NSW-1

Lab Sample ID: 880-4551-9

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 16:23	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 19:26	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 21:47	CH	XEN MID

Client Sample ID: NSW-2

Lab Sample ID: 880-4551-10

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 16:43	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 19:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 21:53	CH	XEN MID

Client Sample ID: NSW-3

Lab Sample ID: 880-4551-11

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 18:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 20:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 21:58	CH	XEN MID

Client Sample ID: ESW-1

Lab Sample ID: 880-4551-12

Date Collected: 07/30/21 00:00

Matrix: Solid

Date Received: 07/30/21 16:30

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	5954	08/02/21 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/02/21 18:27	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5988	08/02/21 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 20:29	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6022	08/03/21 15:28	CH	XEN MID
Soluble	Analysis	300.0		1			6137	08/05/21 22:04	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.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22
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.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

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

Eurofins Xenco, Midland

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Gettysburg State 002H CTB Release

Job ID: 880-4551-1
SDG: Eddy Co,NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-4551-1	FS-13 (1')	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-2	FS-14 (1')	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-3	FS-15 (1.5')	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-4	SSW-2	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-5	SSW-3	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-6	SSW-4	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-7	WSW-6	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-8	WSW-7	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-9	NSW-1	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-10	NSW-2	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-11	NSW-3	Solid	07/30/21 00:00	07/30/21 16:30
880-4551-12	ESW-1	Solid	07/30/21 00:00	07/30/21 16:30

Analysis Request of Chain of Custody Record

**Tetra Tech, Inc.**901 West Wall St, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-394

880-4551 Chain of Custody

1 of

8/6/2021

Client Name:		COP		Site Manager:		Christian Lull	
Project Name:		Gettysburg State 002H CTB Release					
Project Location: (county, state)		Eddy Co, NM		Project #:		212c-md-02515	
Invoice to:		hCXO-COP		Sampler Signature:		Andrew Garcia	
Receiving Laboratory:		Xenco (Midland, TX)					
Comments:		Invoice to:					
LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)
		YEAR:	DATE				
	FS-13 (1')		7/30/2021		X		1 N
	FS-14 (1')		7/30/2021		X		1 N
	FS-15 (1.5')		7/30/2021		X		1 N
	SSW-2		7/30/2021		X		1 N
	SSW-3		7/30/2021		X		1 N
	SSW-4		7/30/2021		X		1 N
	WSW-6		7/30/2021		X		1 N
	WSW-7		7/30/2021		X		1 N
	NSW-1		7/30/2021		X		1 N
	NSW-2		7/30/2021		X		1 N
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	LAB USE ONLY	
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	REMARKS:	
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	☐ RUSH: Same Day 24 hr 48 hr 72 hr ☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report	

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-4551-1

SDG Number: Eddy Co,NM

Login Number: 4551

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.	False	No times on COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-4573-1

Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: COP/hXCO Gettysburg State 002H CTB
Release

For:

Tetra Tech, Inc.
8911 N. Capital of Texas Hwy
Bldg. 2, Ste 2310
Austin, Texas 78759

Attn: Christian Llull

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

Authorized for release by:
8/9/2021 4:02:39 PM

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: COP/hXCO Gettysburg State 002H CTB Release

Laboratory Job ID: 880-4573-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Job ID: 880-4573-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-4573-1

Receipt

The samples were received on 8/2/2021 12:00 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 0.6°C

GC VOA

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

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: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-1 (1.5')

Lab Sample ID: 880-4573-1

Date Collected: 07/30/21 08:30

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 00:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 00:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 00:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 00:37	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		08/02/21 13:16	08/03/21 00:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 00:37	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/02/21 13:16	08/03/21 00:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/02/21 13:16	08/03/21 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:13	1
Total TPH	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	08/03/21 15:37	08/03/21 22:13	1
o-Terphenyl	107		70 - 130	08/03/21 15:37	08/03/21 22:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	357		4.97		mg/Kg			08/08/21 10:55	1

Client Sample ID: FS-2 (1.5')

Lab Sample ID: 880-4573-2

Date Collected: 07/30/21 08:45

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 00:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 00:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 00:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 00:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 00:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 00:57	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	08/02/21 13:16	08/03/21 00:57	1
1,4-Difluorobenzene (Surr)	111		70 - 130	08/02/21 13:16	08/03/21 00:57	1

Method: 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		08/03/21 15:37	08/03/21 23:16	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-2 (1.5')

Lab Sample ID: 880-4573-2

Date Collected: 07/30/21 08:45

Matrix: Solid

Date Received: 08/02/21 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/03/21 23:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/03/21 23:16	1
Total TPH	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/03/21 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/03/21 15:37	08/03/21 23:16	1
o-Terphenyl	105		70 - 130				08/03/21 15:37	08/03/21 23:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	238		4.96		mg/Kg			08/08/21 11:12	1

Client Sample ID: FS-3 (1.5')

Lab Sample ID: 880-4573-3

Date Collected: 07/30/21 09:00

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 01:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 01:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 01:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 01:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 01:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 01:18	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/02/21 13:16	08/03/21 01:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/02/21 13:16	08/03/21 01:18	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		08/03/21 15:37	08/03/21 23:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 23:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 23:37	1
Total TPH	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/03/21 15:37	08/03/21 23:37	1
o-Terphenyl	103		70 - 130				08/03/21 15:37	08/03/21 23:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		5.00		mg/Kg			08/08/21 11:18	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-4 (1.5')

Lab Sample ID: 880-4573-4

Date Collected: 07/30/21 09:15

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 01:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 01:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 01:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 01:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 01:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 01:39	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	08/02/21 13:16	08/03/21 01:39	1
1,4-Difluorobenzene (Surr)	127		70 - 130	08/02/21 13:16	08/03/21 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 23:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 23:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 23:58	1
Total TPH	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	08/03/21 15:37	08/03/21 23:58	1
o-Terphenyl	101		70 - 130	08/03/21 15:37	08/03/21 23:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	188		4.98		mg/Kg			08/08/21 11:23	1

Client Sample ID: FS-5 (1.5')

Lab Sample ID: 880-4573-5

Date Collected: 07/30/21 09:30

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/02/21 13:16	08/03/21 01:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/02/21 13:16	08/03/21 01:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/02/21 13:16	08/03/21 01:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/02/21 13:16	08/03/21 01:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/02/21 13:16	08/03/21 01:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/02/21 13:16	08/03/21 01:59	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/02/21 13:16	08/03/21 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/02/21 13:16	08/03/21 01:59	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/02/21 13:16	08/03/21 01:59	1

Method: 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		08/03/21 15:37	08/04/21 00:19	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-5 (1.5')

Lab Sample ID: 880-4573-5

Date Collected: 07/30/21 09:30

Matrix: Solid

Date Received: 08/02/21 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/03/21 15:37	08/04/21 00:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/03/21 15:37	08/04/21 00:19	1
Total TPH	<49.8	U	49.8		mg/Kg		08/03/21 15:37	08/04/21 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/03/21 15:37	08/04/21 00:19	1
o-Terphenyl	107		70 - 130				08/03/21 15:37	08/04/21 00:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.8		5.00		mg/Kg			08/08/21 11:29	1

Client Sample ID: FS-6 (1')

Lab Sample ID: 880-4573-6

Date Collected: 07/30/21 09:45

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 02:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 02:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 02:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 02:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 02:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 02:20	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				08/02/21 13:16	08/03/21 02:20	1
1,4-Difluorobenzene (Surr)	114		70 - 130				08/02/21 13:16	08/03/21 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/03/21 15:37	08/04/21 00:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/03/21 15:37	08/04/21 00:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/03/21 15:37	08/04/21 00:40	1
Total TPH	<49.7	U	49.7		mg/Kg		08/03/21 15:37	08/04/21 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/03/21 15:37	08/04/21 00:40	1
o-Terphenyl	102		70 - 130				08/03/21 15:37	08/04/21 00:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		5.04		mg/Kg			08/08/21 11:34	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-7 (1')

Lab Sample ID: 880-4573-7

Date Collected: 07/30/21 10:00

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 02:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 02:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 02:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/21 13:16	08/03/21 02:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 02:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/21 13:16	08/03/21 02:40	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/02/21 13:16	08/03/21 02:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	08/02/21 13:16	08/03/21 02:40	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/02/21 13:16	08/03/21 02:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/04/21 01:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/04/21 01:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/04/21 01:01	1
Total TPH	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/04/21 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	08/03/21 15:37	08/04/21 01:01	1
o-Terphenyl	105		70 - 130	08/03/21 15:37	08/04/21 01:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.6		5.05		mg/Kg			08/08/21 11:40	1

Client Sample ID: FS-8 (1')

Lab Sample ID: 880-4573-8

Date Collected: 07/30/21 10:15

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 03:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 03:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 03:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 03:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 03:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 03:01	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/02/21 13:16	08/03/21 03:01	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/02/21 13:16	08/03/21 03:01	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	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-8 (1')

Lab Sample ID: 880-4573-8

Date Collected: 07/30/21 10:15

Matrix: Solid

Date Received: 08/02/21 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:11	1
Total TPH	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				08/03/21 15:37	08/03/21 21:11	1
o-Terphenyl	83		70 - 130				08/03/21 15:37	08/03/21 21:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.5		4.98		mg/Kg			08/08/21 11:57	1

Client Sample ID: FS-9 (1')

Lab Sample ID: 880-4573-9

Date Collected: 07/30/21 10:30

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 03:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 03:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 03:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/02/21 13:16	08/03/21 03:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 03:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/02/21 13:16	08/03/21 03:22	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/02/21 13:16	08/03/21 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				08/02/21 13:16	08/03/21 03:22	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/02/21 13:16	08/03/21 03:22	1

Method: 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		08/03/21 15:37	08/03/21 21:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:32	1
Total TPH	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/03/21 15:37	08/03/21 21:32	1
o-Terphenyl	101		70 - 130				08/03/21 15:37	08/03/21 21:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.1		4.95		mg/Kg			08/08/21 12:02	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-10 (1')

Lab Sample ID: 880-4573-10

Date Collected: 07/30/21 10:45

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 03:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 03:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 03:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 03:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 03:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 03:42	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/02/21 13:16	08/03/21 03:42	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/02/21 13:16	08/03/21 03:42	1

Method: 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		08/03/21 15:37	08/03/21 21:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/03/21 21:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/03/21 21:52	1
Total TPH	<49.9	U	49.9		mg/Kg		08/03/21 15:37	08/03/21 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	08/03/21 15:37	08/03/21 21:52	1
o-Terphenyl	77		70 - 130	08/03/21 15:37	08/03/21 21:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.8	F1	5.05		mg/Kg			08/06/21 18:04	1

Client Sample ID: FS-11 (1')

Lab Sample ID: 880-4573-11

Date Collected: 07/30/21 11:00

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 05:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 05:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 05:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 05:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 05:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 05:05	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 05:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/02/21 13:16	08/03/21 05:05	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/02/21 13:16	08/03/21 05:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:13	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-11 (1')

Lab Sample ID: 880-4573-11

Date Collected: 07/30/21 11:00

Matrix: Solid

Date Received: 08/02/21 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:13	1
Total TPH	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				08/03/21 15:37	08/03/21 22:13	1
o-Terphenyl	96		70 - 130				08/03/21 15:37	08/03/21 22:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		5.04		mg/Kg			08/06/21 18:20	1

Client Sample ID: FS-12 (1')

Lab Sample ID: 880-4573-12

Date Collected: 07/30/21 11:15

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 05:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 05:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 05:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 05:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 05:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 05:26	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 05:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				08/02/21 13:16	08/03/21 05:26	1
1,4-Difluorobenzene (Surr)	112		70 - 130				08/02/21 13:16	08/03/21 05:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:34	1
Total TPH	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 22:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				08/03/21 15:37	08/03/21 22:34	1
o-Terphenyl	92		70 - 130				08/03/21 15:37	08/03/21 22:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		4.98		mg/Kg			08/06/21 18:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: ESW-2

Lab Sample ID: 880-4573-13

Date Collected: 07/30/21 11:30

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/02/21 13:16	08/03/21 05:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/02/21 13:16	08/03/21 05:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/02/21 13:16	08/03/21 05:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/02/21 13:16	08/03/21 05:47	1
o-Xylene	0.00214		0.00202		mg/Kg		08/02/21 13:16	08/03/21 05:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/02/21 13:16	08/03/21 05:47	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/02/21 13:16	08/03/21 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	08/02/21 13:16	08/03/21 05:47	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/02/21 13:16	08/03/21 05:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 15:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 15:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 15:09	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	08/02/21 16:24	08/03/21 15:09	1
o-Terphenyl	94		70 - 130	08/02/21 16:24	08/03/21 15:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	347		4.99		mg/Kg			08/06/21 18:31	1

Client Sample ID: ESW-3

Lab Sample ID: 880-4573-14

Date Collected: 07/30/21 11:45

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 06:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 06:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 06:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/02/21 13:16	08/03/21 06:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 06:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/02/21 13:16	08/03/21 06:07	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/02/21 13:16	08/03/21 06:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/02/21 13:16	08/03/21 06:07	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/02/21 13:16	08/03/21 06:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 15:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: ESW-3

Lab Sample ID: 880-4573-14

Date Collected: 07/30/21 11:45

Matrix: Solid

Date Received: 08/02/21 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 15:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 15:30	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/02/21 16:24	08/03/21 15:30	1
o-Terphenyl	101		70 - 130				08/02/21 16:24	08/03/21 15:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	205		4.95		mg/Kg			08/06/21 18:37	1

Client Sample ID: ESW-4

Lab Sample ID: 880-4573-15

Date Collected: 07/30/21 12:00

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 06:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 06:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 06:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/21 13:16	08/03/21 06:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 06:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/21 13:16	08/03/21 06:28	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/02/21 13:16	08/03/21 06:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/02/21 13:16	08/03/21 06:28	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/02/21 13:16	08/03/21 06:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/21 16:24	08/03/21 15:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/21 16:24	08/03/21 15:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/21 16:24	08/03/21 15:50	1
Total TPH	<49.8	U	49.8		mg/Kg		08/02/21 16:24	08/03/21 15:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/02/21 16:24	08/03/21 15:50	1
o-Terphenyl	116		70 - 130				08/02/21 16:24	08/03/21 15:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.8		5.01		mg/Kg			08/06/21 18:53	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: ESW-5

Lab Sample ID: 880-4573-16

Date Collected: 07/30/21 12:15

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 06:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 06:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 06:49	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/02/21 13:16	08/03/21 06:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 06:49	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/02/21 13:16	08/03/21 06:49	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/02/21 13:16	08/03/21 06:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/02/21 13:16	08/03/21 06:49	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/02/21 13:16	08/03/21 06:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/21 16:24	08/03/21 16:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/21 16:24	08/03/21 16:11	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/02/21 16:24	08/03/21 16:11	1
Total TPH	<49.7	U	49.7		mg/Kg		08/02/21 16:24	08/03/21 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	08/02/21 16:24	08/03/21 16:11	1
o-Terphenyl	100		70 - 130	08/02/21 16:24	08/03/21 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		5.02		mg/Kg			08/06/21 18:58	1

Client Sample ID: ESW-6

Lab Sample ID: 880-4573-17

Date Collected: 07/30/21 12:30

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 07:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 07:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 07:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 07:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 07:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 07:09	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 07:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/02/21 13:16	08/03/21 07:09	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/02/21 13:16	08/03/21 07:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 16:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: ESW-6

Lab Sample ID: 880-4573-17

Date Collected: 07/30/21 12:30

Matrix: Solid

Date Received: 08/02/21 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 16:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 16:32	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/02/21 16:24	08/03/21 16:32	1
o-Terphenyl	105		70 - 130				08/02/21 16:24	08/03/21 16:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		4.98		mg/Kg			08/06/21 19:04	1

Client Sample ID: ESW-7

Lab Sample ID: 880-4573-18

Date Collected: 07/30/21 12:45

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 07:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 07:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 07:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 07:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:16	08/03/21 07:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 07:30	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 13:16	08/03/21 07:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130				08/02/21 13:16	08/03/21 07:30	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/02/21 13:16	08/03/21 07:30	1

Method: 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		08/02/21 16:24	08/03/21 17:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 17:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 17:14	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				08/02/21 16:24	08/03/21 17:14	1
o-Terphenyl	102		70 - 130				08/02/21 16:24	08/03/21 17:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.8		4.95		mg/Kg			08/06/21 19:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: ESW-8

Lab Sample ID: 880-4573-19

Date Collected: 07/30/21 13:00

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 07:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 07:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 07:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 07:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 07:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 07:51	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 07:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	08/02/21 13:16	08/03/21 07:51	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/02/21 13:16	08/03/21 07:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 17:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 17:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 17:42	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	08/02/21 16:24	08/03/21 17:42	1
o-Terphenyl	98		70 - 130	08/02/21 16:24	08/03/21 17:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.2		5.00		mg/Kg			08/06/21 19:15	1

Client Sample ID: WSW-1

Lab Sample ID: 880-4573-20

Date Collected: 07/30/21 13:15

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 08:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 08:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 08:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 08:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:16	08/03/21 08:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 08:12	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/02/21 13:16	08/03/21 08:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	08/02/21 13:16	08/03/21 08:12	1
1,4-Difluorobenzene (Surr)	113		70 - 130	08/02/21 13:16	08/03/21 08:12	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	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 18:02	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: WSW-1

Lab Sample ID: 880-4573-20

Date Collected: 07/30/21 13:15

Matrix: Solid

Date Received: 08/02/21 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 18:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 18:02	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/02/21 16:24	08/03/21 18:02	1
o-Terphenyl	110		70 - 130				08/02/21 16:24	08/03/21 18:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138	F1	4.98		mg/Kg			08/06/21 19:20	1

Client Sample ID: WSW-2

Lab Sample ID: 880-4573-21

Date Collected: 07/30/21 13:30

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 13:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 13:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 13:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/21 13:22	08/03/21 13:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 13:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/21 13:22	08/03/21 13:18	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/02/21 13:22	08/03/21 13:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/02/21 13:22	08/03/21 13:18	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/02/21 13:22	08/03/21 13:18	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		08/02/21 16:24	08/03/21 18:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 18:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 18:23	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				08/02/21 16:24	08/03/21 18:23	1
o-Terphenyl	95		70 - 130				08/02/21 16:24	08/03/21 18:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		4.95		mg/Kg			08/06/21 19:37	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: WSW-3

Lab Sample ID: 880-4573-22

Date Collected: 07/30/21 13:45

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:22	08/03/21 14:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:22	08/03/21 14:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:22	08/03/21 14:39	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/02/21 13:22	08/03/21 14:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:22	08/03/21 14:39	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/02/21 13:22	08/03/21 14:39	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/02/21 13:22	08/03/21 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/02/21 13:22	08/03/21 14:39	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/02/21 13:22	08/03/21 14:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 18:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 18:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 18:44	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	08/02/21 16:24	08/03/21 18:44	1
o-Terphenyl	91		70 - 130	08/02/21 16:24	08/03/21 18:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.7		4.97		mg/Kg			08/06/21 19:42	1

Client Sample ID: WSW-4

Lab Sample ID: 880-4573-23

Date Collected: 07/30/21 14:00

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 15:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 15:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 15:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/21 13:22	08/03/21 15:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 15:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/21 13:22	08/03/21 15:00	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/02/21 13:22	08/03/21 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	08/02/21 13:22	08/03/21 15:00	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/02/21 13:22	08/03/21 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:05	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: WSW-4

Lab Sample ID: 880-4573-23

Date Collected: 07/30/21 14:00

Matrix: Solid

Date Received: 08/02/21 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:05	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/02/21 16:24	08/03/21 19:05	1
o-Terphenyl	101		70 - 130				08/02/21 16:24	08/03/21 19:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.3		4.95		mg/Kg			08/06/21 19:59	1

Client Sample ID: WSW-5

Lab Sample ID: 880-4573-24

Date Collected: 07/30/21 14:15

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:22	08/03/21 15:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:22	08/03/21 15:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:22	08/03/21 15:20	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/02/21 13:22	08/03/21 15:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/02/21 13:22	08/03/21 15:20	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/02/21 13:22	08/03/21 15:20	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/02/21 13:22	08/03/21 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/02/21 13:22	08/03/21 15:20	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/02/21 13:22	08/03/21 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:26	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/02/21 16:24	08/03/21 19:26	1
o-Terphenyl	101		70 - 130				08/02/21 16:24	08/03/21 19:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.2		5.05		mg/Kg			08/06/21 20:04	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: NSW-4

Lab Sample ID: 880-4573-25

Date Collected: 07/30/21 14:30

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:22	08/03/21 15:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:22	08/03/21 15:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:22	08/03/21 15:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/21 13:22	08/03/21 15:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/21 13:22	08/03/21 15:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/21 13:22	08/03/21 15:40	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/02/21 13:22	08/03/21 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/02/21 13:22	08/03/21 15:40	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/02/21 13:22	08/03/21 15:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:47	1
Total TPH	<49.9	U	49.9		mg/Kg		08/02/21 16:24	08/03/21 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	08/02/21 16:24	08/03/21 19:47	1
o-Terphenyl	103		70 - 130	08/02/21 16:24	08/03/21 19:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		5.00		mg/Kg			08/06/21 20:10	1

Client Sample ID: NSW-5

Lab Sample ID: 880-4573-26

Date Collected: 07/30/21 14:45

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/02/21 13:22	08/03/21 16:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/02/21 13:22	08/03/21 16:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/02/21 13:22	08/03/21 16:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/02/21 13:22	08/03/21 16:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/02/21 13:22	08/03/21 16:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/02/21 13:22	08/03/21 16:01	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/02/21 13:22	08/03/21 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/02/21 13:22	08/03/21 16:01	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/02/21 13:22	08/03/21 16:01	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	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 20:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: NSW-5

Lab Sample ID: 880-4573-26

Date Collected: 07/30/21 14:45

Matrix: Solid

Date Received: 08/02/21 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 20:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 20:08	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/02/21 16:24	08/03/21 20:08	1
o-Terphenyl	103		70 - 130				08/02/21 16:24	08/03/21 20:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.6		4.99		mg/Kg			08/06/21 20:15	1

Client Sample ID: SSW-1

Lab Sample ID: 880-4573-27

Date Collected: 07/30/21 15:00

Matrix: Solid

Date Received: 08/02/21 12:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 16:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 16:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 16:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/21 13:22	08/03/21 16:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 16:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/21 13:22	08/03/21 16:21	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/02/21 13:22	08/03/21 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/02/21 13:22	08/03/21 16:21	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/02/21 13:22	08/03/21 16:21	1

Method: 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		08/02/21 16:24	08/03/21 20:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 20:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 20:29	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				08/02/21 16:24	08/03/21 20:29	1
o-Terphenyl	100		70 - 130				08/02/21 16:24	08/03/21 20:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.0		5.02		mg/Kg			08/06/21 20:21	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
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)
880-4573-1	FS-1 (1.5')	101	89
880-4573-1 MS	FS-1 (1.5')	102	101
880-4573-1 MSD	FS-1 (1.5')	105	97
880-4573-2	FS-2 (1.5')	125	111
880-4573-3	FS-3 (1.5')	111	96
880-4573-4	FS-4 (1.5')	133 S1+	127
880-4573-5	FS-5 (1.5')	109	88
880-4573-6	FS-6 (1')	126	114
880-4573-7	FS-7 (1')	120	104
880-4573-8	FS-8 (1')	112	103
880-4573-9	FS-9 (1')	123	104
880-4573-10	FS-10 (1')	112	99
880-4573-11	FS-11 (1')	101	105
880-4573-12	FS-12 (1')	123	112
880-4573-13	ESW-2	106	100
880-4573-14	ESW-3	115	100
880-4573-15	ESW-4	116	117
880-4573-16	ESW-5	115	107
880-4573-17	ESW-6	111	102
880-4573-18	ESW-7	143 S1+	101
880-4573-19	ESW-8	122	108
880-4573-20	WSW-1	126	113
880-4573-21	WSW-2	112	92
880-4573-21 MS	WSW-2	116	107
880-4573-21 MSD	WSW-2	123	105
880-4573-22	WSW-3	114	101
880-4573-23	WSW-4	118	101
880-4573-24	WSW-5	113	100
880-4573-25	NSW-4	117	98
880-4573-26	NSW-5	116	93
880-4573-27	SSW-1	111	96
LCS 880-5974/1-A	Lab Control Sample	91	88
LCS 880-5975/1-A	Lab Control Sample	107	103
LCSD 880-5974/2-A	Lab Control Sample Dup	100	105
LCSD 880-5975/2-A	Lab Control Sample Dup	111	105
MB 880-5954/5-A	Method Blank	98	81
MB 880-5974/5-A	Method Blank	94	83
MB 880-5975/5-A	Method Blank	113	89
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)
880-4522-A-1-D MS	Matrix Spike	91	94

Eurofins Xenco, Midland

Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 880-4573-1

Project/Site: COP/hXCO Gettysburg State 002H CTB Release

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)
880-4522-A-1-E MSD	Matrix Spike Duplicate	91	93
880-4573-1	FS-1 (1.5')	93	107
880-4573-1 MS	FS-1 (1.5')	92	93
880-4573-1 MSD	FS-1 (1.5')	99	96
880-4573-2	FS-2 (1.5')	94	105
880-4573-3	FS-3 (1.5')	93	103
880-4573-4	FS-4 (1.5')	92	101
880-4573-5	FS-5 (1.5')	94	107
880-4573-6	FS-6 (1')	93	102
880-4573-7	FS-7 (1')	96	105
880-4573-8	FS-8 (1')	79	83
880-4573-9	FS-9 (1')	99	101
880-4573-10	FS-10 (1')	75	77
880-4573-11	FS-11 (1')	92	96
880-4573-12	FS-12 (1')	90	92
880-4573-13	ESW-2	86	94
880-4573-14	ESW-3	91	101
880-4573-15	ESW-4	104	116
880-4573-16	ESW-5	91	100
880-4573-17	ESW-6	98	105
880-4573-18	ESW-7	92	102
880-4573-19	ESW-8	89	98
880-4573-20	WSW-1	97	110
880-4573-21	WSW-2	87	95
880-4573-22	WSW-3	86	91
880-4573-23	WSW-4	93	101
880-4573-24	WSW-5	91	101
880-4573-25	NSW-4	92	103
880-4573-26	NSW-5	91	103
880-4573-27	SSW-1	88	100
LCS 880-5987/2-A	Lab Control Sample	103	115
LCS 880-6026/2-A	Lab Control Sample	106	113
LCSD 880-5987/3-A	Lab Control Sample Dup	95	101
LCSD 880-6026/3-A	Lab Control Sample Dup	98	100
MB 880-5987/1-A	Method Blank	88	102
MB 880-6026/1-A	Method Blank	90	102

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-5954/5-A

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/21 09:14	08/02/21 13:15	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/02/21 09:14	08/02/21 13:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	08/02/21 09:14	08/02/21 13:15	1
1,4-Difluorobenzene (Surr)	81		70 - 130	08/02/21 09:14	08/02/21 13:15	1

Lab Sample ID: MB 880-5974/5-A

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5974

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 00:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 00:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 00:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:16	08/03/21 00:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 00:15	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/02/21 13:16	08/03/21 00:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	08/02/21 13:16	08/03/21 00:15	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/02/21 13:16	08/03/21 00:15	1

Lab Sample ID: LCS 880-5974/1-A

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5974

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.09270		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08633		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1764		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08423		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-5974/2-A

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5974

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09872		mg/Kg		99	70 - 130	3	35
Toluene	0.100	0.09669		mg/Kg		97	70 - 130	4	35
Ethylbenzene	0.100	0.09406		mg/Kg		94	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1933		mg/Kg		97	70 - 130	9	35
o-Xylene	0.100	0.09150		mg/Kg		91	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-4573-1 MS

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: FS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 5974

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0998	0.07936		mg/Kg		80	70 - 130
Toluene	<0.00200	U	0.0998	0.07936		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.07285		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1554		mg/Kg		78	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.07009	F1	mg/Kg		69	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-4573-1 MSD

Matrix: Solid

Analysis Batch: 5956

Client Sample ID: FS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 5974

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.09625		mg/Kg		97	70 - 130	19	35
Toluene	<0.00200	U	0.0996	0.08299		mg/Kg		82	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0996	0.07979		mg/Kg		80	70 - 130	9	35
m-Xylene & p-Xylene	<0.00400	U	0.199	0.1660		mg/Kg		83	70 - 130	7	35
o-Xylene	<0.00200	U F1	0.0996	0.07830		mg/Kg		78	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-5975/5-A

Matrix: Solid

Analysis Batch: 5993

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5975

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 12:30	1

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-5975/5-A

Matrix: Solid

Analysis Batch: 5993

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5975

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/21 13:22	08/03/21 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/21 13:22	08/03/21 12:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/21 13:22	08/03/21 12:30	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/02/21 13:22	08/03/21 12:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/02/21 13:22	08/03/21 12:30	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/02/21 13:22	08/03/21 12:30	1

Lab Sample ID: LCS 880-5975/1-A

Matrix: Solid

Analysis Batch: 5993

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.09761		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09730		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1991		mg/Kg		100	70 - 130
o-Xylene	0.100	0.09825		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-5975/2-A

Matrix: Solid

Analysis Batch: 5993

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5975

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09802		mg/Kg		98	70 - 130	4	35
Toluene	0.100	0.09311		mg/Kg		93	70 - 130	5	35
Ethylbenzene	0.100	0.09403		mg/Kg		94	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1929		mg/Kg		96	70 - 130	3	35
o-Xylene	0.100	0.09562		mg/Kg		96	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-4573-21 MS

Matrix: Solid

Analysis Batch: 5993

Client Sample ID: WSW-2

Prep Type: Total/NA

Prep Batch: 5975

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.100	0.1042		mg/Kg		104	70 - 130
Toluene	<0.00200	U	0.100	0.09731		mg/Kg		97	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09793		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2022		mg/Kg		101	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-4573-21 MS

Matrix: Solid

Analysis Batch: 5993

Client Sample ID: WSW-2

Prep Type: Total/NA

Prep Batch: 5975

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	<0.00200	U	0.100	0.1009		mg/Kg		101	70 - 130
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	116		70 - 130						
1,4-Difluorobenzene (Surr)	107		70 - 130						

Lab Sample ID: 880-4573-21 MSD

Matrix: Solid

Analysis Batch: 5993

Client Sample ID: WSW-2

Prep Type: Total/NA

Prep Batch: 5975

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.1044		mg/Kg		105	70 - 130	0	35
Toluene	<0.00200	U	0.0994	0.1002		mg/Kg		100	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0994	0.1012		mg/Kg		102	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.2086		mg/Kg		105	70 - 130	3	35
o-Xylene	<0.00200	U	0.0994	0.1045		mg/Kg		105	70 - 130	4	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	123		70 - 130								
1,4-Difluorobenzene (Surr)	105		70 - 130								

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

Lab Sample ID: MB 880-5987/1-A

Matrix: Solid

Analysis Batch: 5999

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5987

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		08/02/21 16:24	08/03/21 11:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 11:40	1
Total TPH	<50.0	U	50.0		mg/Kg		08/02/21 16:24	08/03/21 11:40	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				08/02/21 16:24	08/03/21 11:40	1
o-Terphenyl	102		70 - 130				08/02/21 16:24	08/03/21 11:40	1

Lab Sample ID: LCS 880-5987/2-A

Matrix: Solid

Analysis Batch: 5999

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5987

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	889.1		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1057		mg/Kg		106	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-5987/2-A
Matrix: Solid
Analysis Batch: 5999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5987

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-5987/3-A
Matrix: Solid
Analysis Batch: 5999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5987

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	967.8		mg/Kg		97	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	1063		mg/Kg		106	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 880-4522-A-1-D MS
Matrix: Solid
Analysis Batch: 5999

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 5987

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1123		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1121		mg/Kg		113	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-4522-A-1-E MSD
Matrix: Solid
Analysis Batch: 5999

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 5987

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	1097		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1129		mg/Kg		113	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	93		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-6026/1-A

Matrix: Solid

Analysis Batch: 5999

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6026

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		08/03/21 15:37	08/03/21 21:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:11	1
Total TPH	<50.0	U	50.0		mg/Kg		08/03/21 15:37	08/03/21 21:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	08/03/21 15:37	08/03/21 21:11	1
o-Terphenyl	102		70 - 130	08/03/21 15:37	08/03/21 21:11	1

Lab Sample ID: LCS 880-6026/2-A

Matrix: Solid

Analysis Batch: 5999

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6026

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	857.3		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1054		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: LCSD 880-6026/3-A

Matrix: Solid

Analysis Batch: 5999

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6026

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 880-4573-1 MS

Matrix: Solid

Analysis Batch: 5999

Client Sample ID: FS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 6026

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	1161		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1188		mg/Kg		119	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-4573-1 MS

Matrix: Solid

Analysis Batch: 5999

Client Sample ID: FS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 6026

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-4573-1 MSD

Matrix: Solid

Analysis Batch: 5999

Client Sample ID: FS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 6026

	Sample	Sample	Spike	MSD	MSD				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1108		mg/Kg		111	70 - 130	5
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1221		mg/Kg		123	70 - 130	3
	MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	99		70 - 130							
o-Terphenyl	96		70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6023/1-A

Matrix: Solid

Analysis Batch: 6138

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			08/08/21 10:05	1	

Lab Sample ID: LCS 880-6023/2-A

Matrix: Solid

Analysis Batch: 6138

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	267.1		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-6023/3-A

Matrix: Solid

Analysis Batch: 6138

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD					%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	267.8		mg/Kg		107	90 - 110	0	20	

Lab Sample ID: 880-4573-7 MS

Matrix: Solid

Analysis Batch: 6138

Client Sample ID: FS-7 (1')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	61.6		253	328.1		mg/Kg		106	90 - 110	

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-4573-7 MSD

Matrix: Solid

Analysis Batch: 6138

Client Sample ID: FS-7 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	61.6		253	328.5		mg/Kg		106	90 - 110	0	20

Lab Sample ID: MB 880-6024/1-A

Matrix: Solid

Analysis Batch: 6139

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			08/06/21 17:47	1

Lab Sample ID: LCS 880-6024/2-A

Matrix: Solid

Analysis Batch: 6139

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	261.7		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-6024/3-A

Matrix: Solid

Analysis Batch: 6139

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	261.9		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-4573-10 MS

Matrix: Solid

Analysis Batch: 6139

Client Sample ID: FS-10 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	42.8	F1	253	354.2	F1	mg/Kg		123	90 - 110

Lab Sample ID: 880-4573-10 MSD

Matrix: Solid

Analysis Batch: 6139

Client Sample ID: FS-10 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	42.8	F1	253	321.3		mg/Kg		110	90 - 110	10	20

Lab Sample ID: 880-4573-20 MS

Matrix: Solid

Analysis Batch: 6139

Client Sample ID: WSW-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	138	F1	249	423.1	F1	mg/Kg		114	90 - 110

Lab Sample ID: 880-4573-20 MSD

Matrix: Solid

Analysis Batch: 6139

Client Sample ID: WSW-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	138	F1	249	403.5		mg/Kg		106	90 - 110	5	20

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
 Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 5954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-5954/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 5956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-1	FS-1 (1.5')	Total/NA	Solid	8021B	5974
880-4573-2	FS-2 (1.5')	Total/NA	Solid	8021B	5974
880-4573-3	FS-3 (1.5')	Total/NA	Solid	8021B	5974
880-4573-4	FS-4 (1.5')	Total/NA	Solid	8021B	5974
880-4573-5	FS-5 (1.5')	Total/NA	Solid	8021B	5974
880-4573-6	FS-6 (1')	Total/NA	Solid	8021B	5974
880-4573-7	FS-7 (1')	Total/NA	Solid	8021B	5974
880-4573-8	FS-8 (1')	Total/NA	Solid	8021B	5974
880-4573-9	FS-9 (1')	Total/NA	Solid	8021B	5974
880-4573-10	FS-10 (1')	Total/NA	Solid	8021B	5974
880-4573-11	FS-11 (1')	Total/NA	Solid	8021B	5974
880-4573-12	FS-12 (1')	Total/NA	Solid	8021B	5974
880-4573-13	ESW-2	Total/NA	Solid	8021B	5974
880-4573-14	ESW-3	Total/NA	Solid	8021B	5974
880-4573-15	ESW-4	Total/NA	Solid	8021B	5974
880-4573-16	ESW-5	Total/NA	Solid	8021B	5974
880-4573-17	ESW-6	Total/NA	Solid	8021B	5974
880-4573-18	ESW-7	Total/NA	Solid	8021B	5974
880-4573-19	ESW-8	Total/NA	Solid	8021B	5974
880-4573-20	WSW-1	Total/NA	Solid	8021B	5974
MB 880-5954/5-A	Method Blank	Total/NA	Solid	8021B	5954
MB 880-5974/5-A	Method Blank	Total/NA	Solid	8021B	5974
LCS 880-5974/1-A	Lab Control Sample	Total/NA	Solid	8021B	5974
LCSD 880-5974/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5974
880-4573-1 MS	FS-1 (1.5')	Total/NA	Solid	8021B	5974
880-4573-1 MSD	FS-1 (1.5')	Total/NA	Solid	8021B	5974

Prep Batch: 5974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-1	FS-1 (1.5')	Total/NA	Solid	5035	
880-4573-2	FS-2 (1.5')	Total/NA	Solid	5035	
880-4573-3	FS-3 (1.5')	Total/NA	Solid	5035	
880-4573-4	FS-4 (1.5')	Total/NA	Solid	5035	
880-4573-5	FS-5 (1.5')	Total/NA	Solid	5035	
880-4573-6	FS-6 (1')	Total/NA	Solid	5035	
880-4573-7	FS-7 (1')	Total/NA	Solid	5035	
880-4573-8	FS-8 (1')	Total/NA	Solid	5035	
880-4573-9	FS-9 (1')	Total/NA	Solid	5035	
880-4573-10	FS-10 (1')	Total/NA	Solid	5035	
880-4573-11	FS-11 (1')	Total/NA	Solid	5035	
880-4573-12	FS-12 (1')	Total/NA	Solid	5035	
880-4573-13	ESW-2	Total/NA	Solid	5035	
880-4573-14	ESW-3	Total/NA	Solid	5035	
880-4573-15	ESW-4	Total/NA	Solid	5035	
880-4573-16	ESW-5	Total/NA	Solid	5035	
880-4573-17	ESW-6	Total/NA	Solid	5035	
880-4573-18	ESW-7	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 5974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-19	ESW-8	Total/NA	Solid	5035	
880-4573-20	WSW-1	Total/NA	Solid	5035	
MB 880-5974/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5974/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5974/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4573-1 MS	FS-1 (1.5')	Total/NA	Solid	5035	
880-4573-1 MSD	FS-1 (1.5')	Total/NA	Solid	5035	

Prep Batch: 5975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-21	WSW-2	Total/NA	Solid	5035	
880-4573-22	WSW-3	Total/NA	Solid	5035	
880-4573-23	WSW-4	Total/NA	Solid	5035	
880-4573-24	WSW-5	Total/NA	Solid	5035	
880-4573-25	NSW-4	Total/NA	Solid	5035	
880-4573-26	NSW-5	Total/NA	Solid	5035	
880-4573-27	SSW-1	Total/NA	Solid	5035	
MB 880-5975/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5975/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5975/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4573-21 MS	WSW-2	Total/NA	Solid	5035	
880-4573-21 MSD	WSW-2	Total/NA	Solid	5035	

Analysis Batch: 5993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-21	WSW-2	Total/NA	Solid	8021B	5975
880-4573-22	WSW-3	Total/NA	Solid	8021B	5975
880-4573-23	WSW-4	Total/NA	Solid	8021B	5975
880-4573-24	WSW-5	Total/NA	Solid	8021B	5975
880-4573-25	NSW-4	Total/NA	Solid	8021B	5975
880-4573-26	NSW-5	Total/NA	Solid	8021B	5975
880-4573-27	SSW-1	Total/NA	Solid	8021B	5975
MB 880-5975/5-A	Method Blank	Total/NA	Solid	8021B	5975
LCS 880-5975/1-A	Lab Control Sample	Total/NA	Solid	8021B	5975
LCSD 880-5975/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5975
880-4573-21 MS	WSW-2	Total/NA	Solid	8021B	5975
880-4573-21 MSD	WSW-2	Total/NA	Solid	8021B	5975

GC Semi VOA

Prep Batch: 5987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-13	ESW-2	Total/NA	Solid	8015NM Prep	
880-4573-14	ESW-3	Total/NA	Solid	8015NM Prep	
880-4573-15	ESW-4	Total/NA	Solid	8015NM Prep	
880-4573-16	ESW-5	Total/NA	Solid	8015NM Prep	
880-4573-17	ESW-6	Total/NA	Solid	8015NM Prep	
880-4573-18	ESW-7	Total/NA	Solid	8015NM Prep	
880-4573-19	ESW-8	Total/NA	Solid	8015NM Prep	
880-4573-20	WSW-1	Total/NA	Solid	8015NM Prep	
880-4573-21	WSW-2	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 5987 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-22	WSW-3	Total/NA	Solid	8015NM Prep	
880-4573-23	WSW-4	Total/NA	Solid	8015NM Prep	
880-4573-24	WSW-5	Total/NA	Solid	8015NM Prep	
880-4573-25	NSW-4	Total/NA	Solid	8015NM Prep	
880-4573-26	NSW-5	Total/NA	Solid	8015NM Prep	
880-4573-27	SSW-1	Total/NA	Solid	8015NM Prep	
MB 880-5987/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5987/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5987/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-4522-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-4522-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 5999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-1	FS-1 (1.5')	Total/NA	Solid	8015B NM	6026
880-4573-2	FS-2 (1.5')	Total/NA	Solid	8015B NM	6026
880-4573-3	FS-3 (1.5')	Total/NA	Solid	8015B NM	6026
880-4573-4	FS-4 (1.5')	Total/NA	Solid	8015B NM	6026
880-4573-5	FS-5 (1.5')	Total/NA	Solid	8015B NM	6026
880-4573-6	FS-6 (1')	Total/NA	Solid	8015B NM	6026
880-4573-7	FS-7 (1')	Total/NA	Solid	8015B NM	6026
880-4573-13	ESW-2	Total/NA	Solid	8015B NM	5987
880-4573-14	ESW-3	Total/NA	Solid	8015B NM	5987
880-4573-15	ESW-4	Total/NA	Solid	8015B NM	5987
880-4573-16	ESW-5	Total/NA	Solid	8015B NM	5987
880-4573-17	ESW-6	Total/NA	Solid	8015B NM	5987
880-4573-18	ESW-7	Total/NA	Solid	8015B NM	5987
880-4573-19	ESW-8	Total/NA	Solid	8015B NM	5987
880-4573-20	WSW-1	Total/NA	Solid	8015B NM	5987
880-4573-21	WSW-2	Total/NA	Solid	8015B NM	5987
880-4573-22	WSW-3	Total/NA	Solid	8015B NM	5987
880-4573-23	WSW-4	Total/NA	Solid	8015B NM	5987
880-4573-24	WSW-5	Total/NA	Solid	8015B NM	5987
880-4573-25	NSW-4	Total/NA	Solid	8015B NM	5987
880-4573-26	NSW-5	Total/NA	Solid	8015B NM	5987
880-4573-27	SSW-1	Total/NA	Solid	8015B NM	5987
MB 880-5987/1-A	Method Blank	Total/NA	Solid	8015B NM	5987
MB 880-6026/1-A	Method Blank	Total/NA	Solid	8015B NM	6026
LCS 880-5987/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5987
LCS 880-6026/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6026
LCSD 880-5987/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5987
LCSD 880-6026/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6026
880-4522-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	5987
880-4522-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	5987
880-4573-1 MS	FS-1 (1.5')	Total/NA	Solid	8015B NM	6026
880-4573-1 MSD	FS-1 (1.5')	Total/NA	Solid	8015B NM	6026

Analysis Batch: 6001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-8	FS-8 (1')	Total/NA	Solid	8015B NM	6026
880-4573-9	FS-9 (1')	Total/NA	Solid	8015B NM	6026

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 6001 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-10	FS-10 (1')	Total/NA	Solid	8015B NM	6026
880-4573-11	FS-11 (1')	Total/NA	Solid	8015B NM	6026
880-4573-12	FS-12 (1')	Total/NA	Solid	8015B NM	6026

Prep Batch: 6026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-1	FS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-4573-2	FS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-4573-3	FS-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-4573-4	FS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-4573-5	FS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-4573-6	FS-6 (1')	Total/NA	Solid	8015NM Prep	
880-4573-7	FS-7 (1')	Total/NA	Solid	8015NM Prep	
880-4573-8	FS-8 (1')	Total/NA	Solid	8015NM Prep	
880-4573-9	FS-9 (1')	Total/NA	Solid	8015NM Prep	
880-4573-10	FS-10 (1')	Total/NA	Solid	8015NM Prep	
880-4573-11	FS-11 (1')	Total/NA	Solid	8015NM Prep	
880-4573-12	FS-12 (1')	Total/NA	Solid	8015NM Prep	
MB 880-6026/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6026/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6026/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-4573-1 MS	FS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-4573-1 MSD	FS-1 (1.5')	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 6023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-1	FS-1 (1.5')	Soluble	Solid	DI Leach	
880-4573-2	FS-2 (1.5')	Soluble	Solid	DI Leach	
880-4573-3	FS-3 (1.5')	Soluble	Solid	DI Leach	
880-4573-4	FS-4 (1.5')	Soluble	Solid	DI Leach	
880-4573-5	FS-5 (1.5')	Soluble	Solid	DI Leach	
880-4573-6	FS-6 (1')	Soluble	Solid	DI Leach	
880-4573-7	FS-7 (1')	Soluble	Solid	DI Leach	
880-4573-8	FS-8 (1')	Soluble	Solid	DI Leach	
880-4573-9	FS-9 (1')	Soluble	Solid	DI Leach	
MB 880-6023/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6023/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6023/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4573-7 MS	FS-7 (1')	Soluble	Solid	DI Leach	
880-4573-7 MSD	FS-7 (1')	Soluble	Solid	DI Leach	

Leach Batch: 6024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-10	FS-10 (1')	Soluble	Solid	DI Leach	
880-4573-11	FS-11 (1')	Soluble	Solid	DI Leach	
880-4573-12	FS-12 (1')	Soluble	Solid	DI Leach	
880-4573-13	ESW-2	Soluble	Solid	DI Leach	
880-4573-14	ESW-3	Soluble	Solid	DI Leach	
880-4573-15	ESW-4	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
 Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
 SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 6024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-16	ESW-5	Soluble	Solid	DI Leach	
880-4573-17	ESW-6	Soluble	Solid	DI Leach	
880-4573-18	ESW-7	Soluble	Solid	DI Leach	
880-4573-19	ESW-8	Soluble	Solid	DI Leach	
880-4573-20	WSW-1	Soluble	Solid	DI Leach	
880-4573-21	WSW-2	Soluble	Solid	DI Leach	
880-4573-22	WSW-3	Soluble	Solid	DI Leach	
880-4573-23	WSW-4	Soluble	Solid	DI Leach	
880-4573-24	WSW-5	Soluble	Solid	DI Leach	
880-4573-25	NSW-4	Soluble	Solid	DI Leach	
880-4573-26	NSW-5	Soluble	Solid	DI Leach	
880-4573-27	SSW-1	Soluble	Solid	DI Leach	
MB 880-6024/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6024/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6024/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4573-10 MS	FS-10 (1')	Soluble	Solid	DI Leach	
880-4573-10 MSD	FS-10 (1')	Soluble	Solid	DI Leach	
880-4573-20 MS	WSW-1	Soluble	Solid	DI Leach	
880-4573-20 MSD	WSW-1	Soluble	Solid	DI Leach	

Analysis Batch: 6138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-1	FS-1 (1.5')	Soluble	Solid	300.0	6023
880-4573-2	FS-2 (1.5')	Soluble	Solid	300.0	6023
880-4573-3	FS-3 (1.5')	Soluble	Solid	300.0	6023
880-4573-4	FS-4 (1.5')	Soluble	Solid	300.0	6023
880-4573-5	FS-5 (1.5')	Soluble	Solid	300.0	6023
880-4573-6	FS-6 (1')	Soluble	Solid	300.0	6023
880-4573-7	FS-7 (1')	Soluble	Solid	300.0	6023
880-4573-8	FS-8 (1')	Soluble	Solid	300.0	6023
880-4573-9	FS-9 (1')	Soluble	Solid	300.0	6023
MB 880-6023/1-A	Method Blank	Soluble	Solid	300.0	6023
LCS 880-6023/2-A	Lab Control Sample	Soluble	Solid	300.0	6023
LCSD 880-6023/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6023
880-4573-7 MS	FS-7 (1')	Soluble	Solid	300.0	6023
880-4573-7 MSD	FS-7 (1')	Soluble	Solid	300.0	6023

Analysis Batch: 6139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-10	FS-10 (1')	Soluble	Solid	300.0	6024
880-4573-11	FS-11 (1')	Soluble	Solid	300.0	6024
880-4573-12	FS-12 (1')	Soluble	Solid	300.0	6024
880-4573-13	ESW-2	Soluble	Solid	300.0	6024
880-4573-14	ESW-3	Soluble	Solid	300.0	6024
880-4573-15	ESW-4	Soluble	Solid	300.0	6024
880-4573-16	ESW-5	Soluble	Solid	300.0	6024
880-4573-17	ESW-6	Soluble	Solid	300.0	6024
880-4573-18	ESW-7	Soluble	Solid	300.0	6024
880-4573-19	ESW-8	Soluble	Solid	300.0	6024
880-4573-20	WSW-1	Soluble	Solid	300.0	6024
880-4573-21	WSW-2	Soluble	Solid	300.0	6024

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 6139 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4573-22	WSW-3	Soluble	Solid	300.0	6024
880-4573-23	WSW-4	Soluble	Solid	300.0	6024
880-4573-24	WSW-5	Soluble	Solid	300.0	6024
880-4573-25	NSW-4	Soluble	Solid	300.0	6024
880-4573-26	NSW-5	Soluble	Solid	300.0	6024
880-4573-27	SSW-1	Soluble	Solid	300.0	6024
MB 880-6024/1-A	Method Blank	Soluble	Solid	300.0	6024
LCS 880-6024/2-A	Lab Control Sample	Soluble	Solid	300.0	6024
LCSD 880-6024/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6024
880-4573-10 MS	FS-10 (1')	Soluble	Solid	300.0	6024
880-4573-10 MSD	FS-10 (1')	Soluble	Solid	300.0	6024
880-4573-20 MS	WSW-1	Soluble	Solid	300.0	6024
880-4573-20 MSD	WSW-1	Soluble	Solid	300.0	6024

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-1 (1.5')

Date Collected: 07/30/21 08:30

Date Received: 08/02/21 12:00

Lab Sample ID: 880-4573-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 00:37	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 22:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6023	08/03/21 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			6138	08/08/21 10:55	CH	XEN MID

Client Sample ID: FS-2 (1.5')

Date Collected: 07/30/21 08:45

Date Received: 08/02/21 12:00

Lab Sample ID: 880-4573-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 00:57	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 23:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6023	08/03/21 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			6138	08/08/21 11:12	CH	XEN MID

Client Sample ID: FS-3 (1.5')

Date Collected: 07/30/21 09:00

Date Received: 08/02/21 12:00

Lab Sample ID: 880-4573-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 01:18	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 23:37	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6023	08/03/21 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			6138	08/08/21 11:18	CH	XEN MID

Client Sample ID: FS-4 (1.5')

Date Collected: 07/30/21 09:15

Date Received: 08/02/21 12:00

Lab Sample ID: 880-4573-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 01:39	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 23:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6023	08/03/21 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			6138	08/08/21 11:23	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-5 (1.5')

Lab Sample ID: 880-4573-5

Date Collected: 07/30/21 09:30

Matrix: Solid

Date Received: 08/02/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 01:59	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/04/21 00:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6023	08/03/21 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			6138	08/08/21 11:29	CH	XEN MID

Client Sample ID: FS-6 (1')

Lab Sample ID: 880-4573-6

Date Collected: 07/30/21 09:45

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 02:20	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/04/21 00:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6023	08/03/21 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			6138	08/08/21 11:34	CH	XEN MID

Client Sample ID: FS-7 (1')

Lab Sample ID: 880-4573-7

Date Collected: 07/30/21 10:00

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 02:40	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/04/21 01:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6023	08/03/21 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			6138	08/08/21 11:40	CH	XEN MID

Client Sample ID: FS-8 (1')

Lab Sample ID: 880-4573-8

Date Collected: 07/30/21 10:15

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 03:01	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 21:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6023	08/03/21 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			6138	08/08/21 11:57	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: FS-9 (1')

Lab Sample ID: 880-4573-9

Date Collected: 07/30/21 10:30

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 03:22	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 21:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6023	08/03/21 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			6138	08/08/21 12:02	CH	XEN MID

Client Sample ID: FS-10 (1')

Lab Sample ID: 880-4573-10

Date Collected: 07/30/21 10:45

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 03:42	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 21:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 18:04	CH	XEN MID

Client Sample ID: FS-11 (1')

Lab Sample ID: 880-4573-11

Date Collected: 07/30/21 11:00

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 05:05	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 22:13	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 18:20	CH	XEN MID

Client Sample ID: FS-12 (1')

Lab Sample ID: 880-4573-12

Date Collected: 07/30/21 11:15

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 05:26	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6026	08/03/21 15:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6001	08/03/21 22:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 18:25	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: ESW-2

Lab Sample ID: 880-4573-13

Date Collected: 07/30/21 11:30

Matrix: Solid

Date Received: 08/02/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 05:47	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 15:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 18:31	CH	XEN MID

Client Sample ID: ESW-3

Lab Sample ID: 880-4573-14

Date Collected: 07/30/21 11:45

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 06:07	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 15:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 18:37	CH	XEN MID

Client Sample ID: ESW-4

Lab Sample ID: 880-4573-15

Date Collected: 07/30/21 12:00

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 06:28	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 15:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 18:53	CH	XEN MID

Client Sample ID: ESW-5

Lab Sample ID: 880-4573-16

Date Collected: 07/30/21 12:15

Matrix: Solid

Date Received: 08/02/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 06:49	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 16:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 18:58	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: ESW-6

Lab Sample ID: 880-4573-17

Date Collected: 07/30/21 12:30

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 07:09	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 16:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 19:04	CH	XEN MID

Client Sample ID: ESW-7

Lab Sample ID: 880-4573-18

Date Collected: 07/30/21 12:45

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 07:30	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 17:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 19:09	CH	XEN MID

Client Sample ID: ESW-8

Lab Sample ID: 880-4573-19

Date Collected: 07/30/21 13:00

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 07:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 17:42	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 19:15	CH	XEN MID

Client Sample ID: WSW-1

Lab Sample ID: 880-4573-20

Date Collected: 07/30/21 13:15

Matrix: Solid

Date Received: 08/02/21 12:00

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	5974	08/02/21 13:16	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5956	08/03/21 08:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 18:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 19:20	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: WSW-2

Lab Sample ID: 880-4573-21

Date Collected: 07/30/21 13:30

Matrix: Solid

Date Received: 08/02/21 12:00

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	5975	08/02/21 13:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5993	08/03/21 13:18	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 18:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 19:37	CH	XEN MID

Client Sample ID: WSW-3

Lab Sample ID: 880-4573-22

Date Collected: 07/30/21 13:45

Matrix: Solid

Date Received: 08/02/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	5975	08/02/21 13:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5993	08/03/21 14:39	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 18:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 19:42	CH	XEN MID

Client Sample ID: WSW-4

Lab Sample ID: 880-4573-23

Date Collected: 07/30/21 14:00

Matrix: Solid

Date Received: 08/02/21 12:00

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	5975	08/02/21 13:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5993	08/03/21 15:00	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 19:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 19:59	CH	XEN MID

Client Sample ID: WSW-5

Lab Sample ID: 880-4573-24

Date Collected: 07/30/21 14:15

Matrix: Solid

Date Received: 08/02/21 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	5975	08/02/21 13:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5993	08/03/21 15:20	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 19:26	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 20:04	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Client Sample ID: NSW-4

Lab Sample ID: 880-4573-25

Date Collected: 07/30/21 14:30

Matrix: Solid

Date Received: 08/02/21 12:00

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	5975	08/02/21 13:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5993	08/03/21 15:40	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 19:47	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 20:10	CH	XEN MID

Client Sample ID: NSW-5

Lab Sample ID: 880-4573-26

Date Collected: 07/30/21 14:45

Matrix: Solid

Date Received: 08/02/21 12:00

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	5975	08/02/21 13:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5993	08/03/21 16:01	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 20:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 20:15	CH	XEN MID

Client Sample ID: SSW-1

Lab Sample ID: 880-4573-27

Date Collected: 07/30/21 15:00

Matrix: Solid

Date Received: 08/02/21 12:00

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	5975	08/02/21 13:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5993	08/03/21 16:21	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5987	08/02/21 16:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5999	08/03/21 20:29	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	6024	08/03/21 15:35	CH	XEN MID
Soluble	Analysis	300.0		1			6139	08/06/21 20:21	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.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
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.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
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

Eurofins Xenco, Midland

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: COP/hXCO Gettysburg State 002H CTB Release

Job ID: 880-4573-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-4573-1	FS-1 (1.5')	Solid	07/30/21 08:30	08/02/21 12:00
880-4573-2	FS-2 (1.5')	Solid	07/30/21 08:45	08/02/21 12:00
880-4573-3	FS-3 (1.5')	Solid	07/30/21 09:00	08/02/21 12:00
880-4573-4	FS-4 (1.5')	Solid	07/30/21 09:15	08/02/21 12:00
880-4573-5	FS-5 (1.5')	Solid	07/30/21 09:30	08/02/21 12:00
880-4573-6	FS-6 (1')	Solid	07/30/21 09:45	08/02/21 12:00
880-4573-7	FS-7 (1')	Solid	07/30/21 10:00	08/02/21 12:00
880-4573-8	FS-8 (1')	Solid	07/30/21 10:15	08/02/21 12:00
880-4573-9	FS-9 (1')	Solid	07/30/21 10:30	08/02/21 12:00
880-4573-10	FS-10 (1')	Solid	07/30/21 10:45	08/02/21 12:00
880-4573-11	FS-11 (1')	Solid	07/30/21 11:00	08/02/21 12:00
880-4573-12	FS-12 (1')	Solid	07/30/21 11:15	08/02/21 12:00
880-4573-13	ESW-2	Solid	07/30/21 11:30	08/02/21 12:00
880-4573-14	ESW-3	Solid	07/30/21 11:45	08/02/21 12:00
880-4573-15	ESW-4	Solid	07/30/21 12:00	08/02/21 12:00
880-4573-16	ESW-5	Solid	07/30/21 12:15	08/02/21 12:00
880-4573-17	ESW-6	Solid	07/30/21 12:30	08/02/21 12:00
880-4573-18	ESW-7	Solid	07/30/21 12:45	08/02/21 12:00
880-4573-19	ESW-8	Solid	07/30/21 13:00	08/02/21 12:00
880-4573-20	WSW-1	Solid	07/30/21 13:15	08/02/21 12:00
880-4573-21	WSW-2	Solid	07/30/21 13:30	08/02/21 12:00
880-4573-22	WSW-3	Solid	07/30/21 13:45	08/02/21 12:00
880-4573-23	WSW-4	Solid	07/30/21 14:00	08/02/21 12:00
880-4573-24	WSW-5	Solid	07/30/21 14:15	08/02/21 12:00
880-4573-25	NSW-4	Solid	07/30/21 14:30	08/02/21 12:00
880-4573-26	NSW-5	Solid	07/30/21 14:45	08/02/21 12:00
880-4573-27	SSW-1	Solid	07/30/21 15:00	08/02/21 12:00

**Tetra Tech, Inc.**901 West Wall Street, Suite 1
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

880-4573 Chain of Custody

Client Name: COP/HXCO		Site Manager: Christian Lull	
Project Name: Gettysburg State 002H CTB Release		Contact Info: Email Christian Lull@tetratech.com Phone (512) 565-0190	
Project Location: Lea County, New Mexico		Project #: 212C-MD-02515A	
Invoice to: Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701			
Receiving Laboratory: Eurofins-Xenco Midland		Sampler Signature: Andrew Garcia	
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION		SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	
	DATE	TIME	YEAR 2021	WATER	SOIL	HCL	HNO ₃	ICE			NONE
	FS-1 (15)	07/30/21	830		X		X		1	N	
	FS-2 (15)	07/30/21	845		X		X		1	N	
	FS-3 (15)	07/30/21	900		X		X		1	N	
	FS-4 (15)	07/30/21	915		X		X		1	N	
	FS-5 (15)	07/30/21	930		X		X		1	N	
	FS-6 (15)	07/30/21	945		X		X		1	N	
	FS-7 (15)	07/30/21	1000		X		X		1	N	
	FS-8 (15)	07/30/21	1015		X		X		1	N	
	FS-9 (15)	07/30/21	1030		X		X		1	N	
	FS-10 (15)	07/30/21	1045		X		X		1	N	

LAB USE ONLY	REMARKS: ☒ Standard ☐ RUSH Same Day 24 hr 48 hr 72 hr ☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report	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	
		PCBs 8082 / 608	
		NORM	
		PLM (Asbestos)	
		Chloride 300 0	
Chloride Sulfate TDS			
General Water Chemistry (see attached list)			
Anion/Cation Balance			
TPH 8015R			

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #



Tetra Tech, Inc.

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

Client Name: COP/hXCO

Site Manager: Christian Lull

Christian Lull

Project Name: Gettysburg State 002H CTB Release

Contact Info:

Email Christian.Lull@tetratech.com
Phone (512) 565-0190Project Location: Lea County, New Mexico
(county, state)

Project #:

212C-MD-02515A

Invoice to: Accounts Payable
901 West Wall Street, Suite 100 Midland, Texas 79701

Receiving Laboratory: Eurofins-Xenco Midland

Sampler Signature: Andrew Garcia

Comments:

LAB #
(LAB USE ONLY)

SAMPLE IDENTIFICATION

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		DATE	TIME	MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
		YEAR	2021			WATER	SOIL	HCL	HNO ₃		

	FS-11 (1)	07/30/21	1100			X				X	N
	FS-12 (1)	07/30/21	1115			X				X	N
	ESW-2	07/30/21	1130			X				X	N
	ESW-3	07/30/21	1145			X				X	N
	ESW-4	07/30/21	1200			X				X	N
	ESW-5	07/30/21	1215			X				X	N
	ESW-6	07/30/21	1230			X				X	N
	ESW-7	07/30/21	1245			X				X	N
	ESW-8	07/30/21	1300			X				X	N
	WSW-1	07/30/21	1315			X				X	N

Relinquished by: Andrew Garcia

Date: 2-Aug-21

Relinquished by: [Signature]

Date: [Signature]

Relinquished by: [Signature]

Date: [Signature]

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 300 0	
Chloride Sulfate TDS	
General Water Chemistry (see attached list)	
Anion/Cation Balance	
TPH 8015R	
HOLD	

LAB USE ONLY

REMARKS:

Sample Temperature

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

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #

[illegible]

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-4573-1

SDG Number: Lea County, New Mexico

Login Number: 4573

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	

APPENDIX D

Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-02515A	DESCRIPTION	View north over excavated release footprint.	1
	SITE NAME	Gettysburg State 002H CTB Release	8/10/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02515A	DESCRIPTION	View west over excavated release footprint.	2
	SITE NAME	Gettysburg State 002H CTB Release	8/10/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02515A	DESCRIPTION	View south over excavated release footprint.	3
	SITE NAME	Gettysburg State 002H CTB Release	8/10/2021



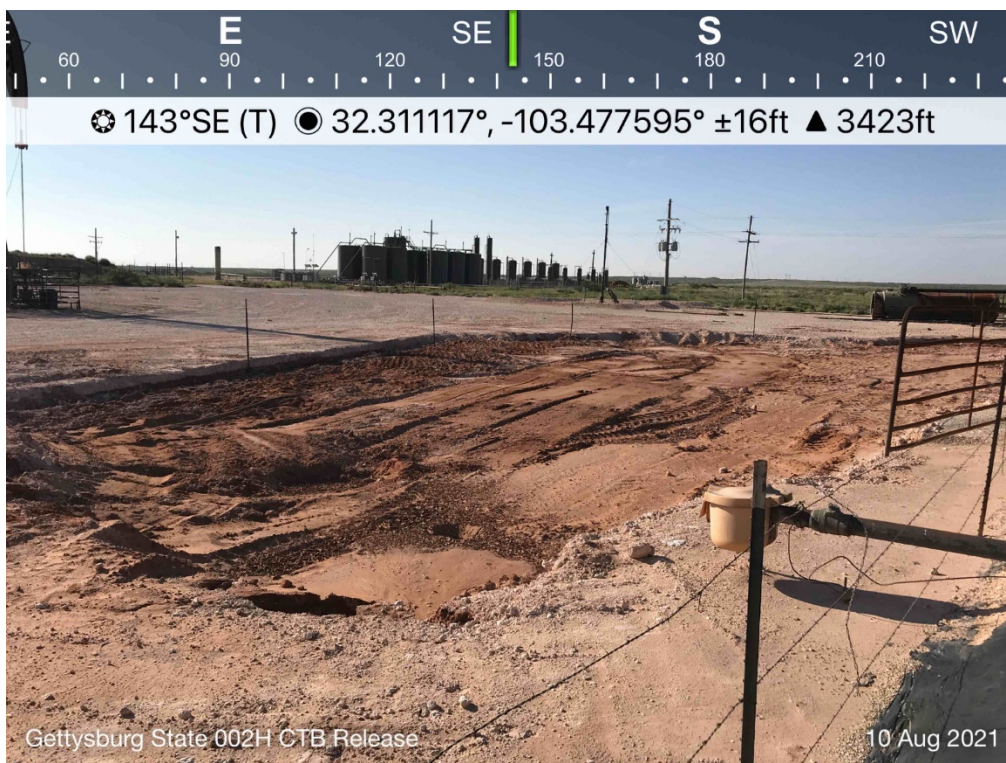
TETRA TECH, INC. PROJECT NO. 212C-MD-02515A	DESCRIPTION	View east over excavated release footprint.	4
	SITE NAME	Gettysburg State 002H CTB Release	8/10/2021



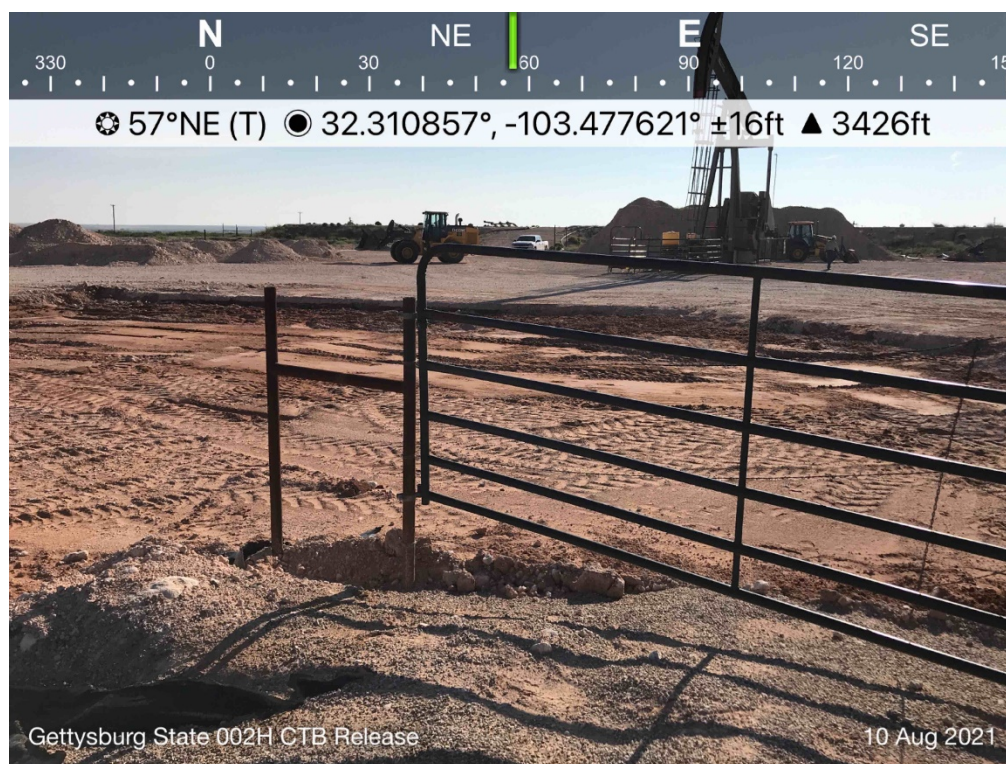
TETRA TECH, INC. PROJECT NO. 212C-MD-02515A	DESCRIPTION	View west-northwest with battery in background.	5
	SITE NAME	Gettysburg State 002H CTB Release	8/10/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02515A	DESCRIPTION	View west-southwest over excavated area.	6
	SITE NAME	Gettysburg State 002H CTB Release	8/10/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02515A	DESCRIPTION	View southeast over eastern portion of the excavated area.	7
	SITE NAME	Gettysburg State 002H CTB Release	8/10/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02515A	DESCRIPTION	View northeast over eastern portion of the excavated area.	8
	SITE NAME	Gettysburg State 002H CTB Release	8/10/2021

APPENDIX E

Waste Manifests

---WASTE TICKET---

Ticket: 71171

Start: 07/30/2021 09:47 AM

End: 07/30/2021 10:01 AM

By: owl.candi

GROSS	TARE	NET
Contaminated Soil		
15	00	15
Hauler: McNabb Partners		
Driver: Jesus Cisneros		
Lease: Gettysburg State Com		
Well: 2H		
AFE #: N/A		
County, State: LEA (NM)		
API #: 3002540874		
Manifest #: 01		
Client Company Man: Kelsey Waggaman		
Rig Name & Number: N/A		
Trucking Co Ticket #: N/A		
Truck Type: Dump Truck		
UOM: CuYd		
UOM Count: 15		
PF Test Result: Pass		
H2S Test: Pass		
H2S Testing - PASS		
01	00	01
Paint Filter - PASS		
01	00	01
NORM - PASS		
01	00	01
Additional Photos		
01	00	01

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

WASTE TICKET

Ticket # 71183

Start: 07/30/2021 11:22 AM

End: 07/30/2021 11:42 AM

By: owl.candi

GROSS

TARE

NET

Contaminated Soil

15

00

15

Hauler: McNabb Partners

Driver: Jesus Castenada

Lease: Gettysburg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 02

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01

00

01

Paint Filter - PASS

01

00

01

NORM - PASS

01

00

01

Additional Photos

01

00

01

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

~~WASTE TICKET~~

Ticket # 71196

Start: 07/30/2021 12:53 PM

End: 07/30/2021 01:10 PM

By: owl.candi

GROSS

TARE

NET

Contaminated Soil
15

00

15

Hauler: McNabb Partners

Driver: Jesus C

Lease: Gettysburg State CTB Release

Well: 2

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 03

Client Company Man: Kelsey Wagaman

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS
01

00

01

Paint Filter - PASS
01

00

01

NORM - PASS

01

00

01

Additional Photos
01

00

01

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

WASTE TICKET

Ticket # 71221

Start: 07/30/2021 03:02 PM

End: 07/30/2021 03:18 PM

By: owl.elsa

GROSS	TARE	NET
Contaminated Soil		
15	00	15

Hauler: McNabb

Driver: Jesus C

Lease: Gettysberg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 04

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS		
01	00	01

Paint Filter - PASS		
01	00	01

NORM - PASS		
01	00	01

Additional Photos		
01	00	01

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

-----WEIGHT TICKET-----

Ticket # 71819

Start:08/03/2021 10:30 AM

End:08/03/2021 10:41 AM

By:owl,judy

GROSS	TARE	NET
-------	------	-----

Contaminated Soil

15	00	15
----	----	----

Hauler: McNabb Partners

Driver: Ernesto Ortega

Lease: Gettysberg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: N/A

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

-----WASTE TICKET-----

Ticket # 71831

Start:08/03/2021 11:42 AM

End:08/03/2021 11:56 AM

By:owl.daniela

GROSS	TARE	NET
-------	------	-----

Contaminated Soil

15	00	15
----	----	----

Hauler: McNabb Partners

Driver: Ernesto Ortega

Lease: Gettysburg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 06

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 71845

Start:08/03/2021 01:18 PM

End:08/03/2021 01:35 PM

By:owl.judy

GROSS	TARE	NET
Contaminated Soil		
15	00	15
Hauler: McNabb Partners		
Driver: Ernesto Ortega		
Lease: Gettysburg State Com		
Well: 2H		
AFE #: N/A		
County, State: LEA (NM)		
API #: 3002540874		
Manifest #: 07		
Client Company Man: Andrew Garcia		
Rig Name & Number: N/A		
Trucking Co Ticket #: N/A		
Truck Type: Dump Truck		
UDM: CuYd		
UDM Count: 15		
PF Test Result: Pass		
H2S Test: Pass		
H2S Testing - PASS		
01	00	01
Paint Filter - PASS		
01	00	01
NORM - PASS		
01	00	01
Additional Photos		
01	00	01

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Print name_____

Sign name_____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 71844

Start:08/03/2021 01:16 PM

End:08/03/2021 01:33 PM

By:owl.daniela

GROSS	TARE	NET
-------	------	-----

Contaminated Soil		
15	00	15

Hauler: McNabb
Driver: Jesus Cisneros
Lease: Gettyburg State Com
Well: 2H
AFE #: N/A
County, State: LEA (NM)
API #: 3002540874
Manifest #: 08
Client Company Man: Andrew Garcia
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Drump Truck
UOM: CuYd
UOM Count: 15
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS		
01	00	01

Paint Filter - PASS		
01	00	01

NORM - PASS		
01	00	01

Additional Photos		
01	00	01

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Print name _____

Sign name _____



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

-----WASTE TICKET-----

Ticket # 71858

Start:08/03/2021 02:45 PM

End:08/03/2021 03:08 PM

By:owl.judy

GROSS	TARE	NET
Contaminated Soil		
18	00	18
Hauler: McNabb Partners		
Driver: JR		
Lease: Gettyburg State Com		
Well: 2H		
AFE #: N/A		
County, State: LEA (NM)		
API #: 3002540874		
Manifest #: 09		
Client Company Man: Andrew Garcia		
Rig Name & Number: N/A		
Trucking Co Ticket #: N/A		
Truck Type: End Dump		
UOM: CuYd		
UOM Count: 18		
PF Test Result: Pass		
H2S Test: Pass		

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 71860

Start:08/03/2021 02:55 PM

End:08/03/2021 03:11 PM

By:owl.judy

GROSS	TARE	NET
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Contaminated Soil

18	00	18
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Hauler: McNabb Partners

Driver: Daniel N

Lease: Gettyburg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 10

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: End Dump

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 71861

Start:08/03/2021 02:58 PM

End:08/03/2021 03:15 PM

By:owl.daniela

GROSS

TARE

NET

Contaminated Soil

01

00

01

Hauler: McNabb Partners

Driver: Jesus C

Lease: Gettburg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 11

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01

00

01

Paint Filter - PASS

01

00

01

NORM - PASS

01

00

01

Additional Photos

01

00

01

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 71863

Start:08/03/2021 03:06 PM

End:08/03/2021 03:21 PM

By:owl.daniela

GROSS	TARE	NET
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Contaminated Soil		
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16	00	16
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Hauler: McNabb Partners

Driver: Ernesto Ortega

Lease: Gettysberg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 12

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name

Sign name



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 72003

Start:08/04/2021 10:02 AM

End:08/04/2021 10:14 AM

By:owl.judy

GROSS	TARE	NET
Contaminated Soil		
15	00	15
Hauler: McNabb Partners		
Driver: Juan Rodriguez		
Lease: Gettysburg State Com		
Well: 2H		
AFE #: N/A		
County, State: LEA (NM)		
API #: 3002540874		
Manifest #: 13		
Client Company Man: Andrew Garcia		
Rig Name & Number: N/A		
Trucking Co Ticket #: N/A		
Truck Type: Dump Truck		
UOM: CuYd		
UOM Count: 15		
PF Test Result: Pass		
H2S Test: Pass		
H2S Testing - PASS		
01	00	01
Paint Filter - PASS		
01	00	01
NORM - PASS		
01	00	01
Additional Photos		
01	00	01

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

-----WASTE TICKET-----

Ticket # 72020

Start:08/04/2021 11:20 AM

End:08/04/2021 11:38 AM

By:owl.judy

GROSS	TARE	NET
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Contaminated Soil

15	00	15
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Hauler: McNabb Partners

Driver: Gumer Rodriguez

Lease: Gettyburg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 14

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 72044

Start:08/04/2021 12:43 PM

End:08/04/2021 01:17 PM

By:owl.erika

GROSS	TARE	NET
Contaminated Soil		
15	00	15
Hauler: McNabb Parther		
Driver: Yummer Garcia		
Lease: Gettysburg State Com		
Well: 2H		
AFE #: N/A		
County, State: LEA (NM)		
API #: 3002540874		
Manifest #: 15		
Client Company Man: Andrew Garcia		
Rig Name & Number: N/A		
Trucking Co Ticket #: N/A		
Truck Type: Dum Truck		
UOM: CuYd		
UOM Count: 15		
PF Test Result: Pass		
H2S Test: Pass		
H2S Testing - PASS		
01	00	01
Paint Filter - PASS		
01	00	01
NORM - PASS		
01	00	01
Additional Photos		
01	00	01

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Print name

Sign name



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

-----WASTE TICKET-----

Ticket # 72074

Start:08/04/2021 02:28 PM

End:08/04/2021 02:47 PM

By:owl.judy

GROSS	TARE	NET
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Contaminated Soil

15	00	15
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Hauler: McNabb Partners

Driver: Gumer Rodriguez

Lease: Gettysberg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 16

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 72089

Start:08/04/2021 03:34 PM

End:08/04/2021 03:53 PM

By:owl.erika

GROSS	TARE	NET
Contaminated Soil		
15	00	15
Hauler: McNabb Partners		
Driver: Gumer R		
Lease: Gettysburg State Com		
Well: 002H		
AFE #: N/A		
County, State: LEA (NM)		
API #: 3002540874		
Manifest #: 17		
Client Company Man: Andrew Garcia		
Rig Name & Number: N/A		
Trucking Co Ticket #: N/A		
Truck Type: Dump Truck		
UOM: CuYd		
UOM Count: 15		
PF Test Result: Pass		
H2S Test: Pass		
H2S Testing - PASS		
01	00	01
Paint Filter - PASS		
01	00	01
NORM - PASS		
01	00	01
Additional Photos		
01	00	01

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

-----WASTE TICKET-----

Ticket # 72104

Start:08/04/2021 04:39 PM

End:08/04/2021 04:53 PM

By:owl.erika

GROSS	TARE	NET
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Contaminated Soil

15	00	15
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Hauler: McNabb

Driver: Gumer Rodriguez

Lease: Gettysberg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 18

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 73008

Start:08/10/2021 09:45 AM

End:08/10/2021 09:53 AM

By:owl.leslie

GROSS	TARE	NET
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Contaminated Soil

15	00	15
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Hauler: McNabb

Driver: Gumer Rodriguez

Lease: Gettysburg State Com

Well: 2H

AFE #: N/A

County, State: LEA (NM)

API #: 3002540874

Manifest #: 19

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

-----WASTE TICKET-----

Ticket # 73021

Start:08/10/2021 10:53 AM

End:08/10/2021 11:11 AM

By:owl.elsa

GROSS	TARE	NET
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Contaminated Soil

15	00	15
----	----	----

Hauler: McNabb Partners

Driver: Gerome R

Lease: Gettysburg State CTB Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 20

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name_____

Sign name_____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 73035

Start:08/10/2021 12:22 PM

End:08/10/2021 12:34 PM

By:owl.candi

GROSS	TARE	NET
Contaminated Soil		
15	00	15

Hauler: McNabb Partners

Driver: Guman Rodriguez

Lease: Gettysburg State CTB Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 21

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____



Customer Copy

Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 73053

Start:08/10/2021 02:14 PM

End:08/10/2021 02:53 PM

By:owl.leslie

GROSS	TARE	NET
Contaminated Soil		
15	00	15
Hauler: McNabb Partners		
Driver: Gumer Rodriguez		
Lease: Gettysburg State Com		
Well: 2H		
AFE #: N/A		
County, State: LEA (NM)		
API #: 3002540874		
Manifest #: 22		
Client Company Man: Andrew Garcia		
Rig Name & Number: N/A		
Trucking Co Ticket #: N/A		
Truck Type: Dump Truck		
UOM: CuYd		
UOM Count: 15		
PF Test Result: Pass		
H2S Test: Pass		

H2S Testing - PASS

01	00	01
----	----	----

Paint Filter - PASS

01	00	01
----	----	----

NORM - PASS

01	00	01
----	----	----

Additional Photos

01	00	01
----	----	----

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Print name _____

Sign name _____



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

WEIGHT TICKET

Ticket # 73071

Start: 08/10/2021 03:50 PM

End: 08/10/2021 04:00 PM

By: owl.jazmine

GROSS	TARE	NET
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Contaminated Soil		
15	00	15

Hauler: McNabb Partners

Driver: Guner

Lease: Gettysburg State CTB Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 23

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 15

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS		
01	00	01

Paint Filter - PASS		
01	00	01

NORM - PASS		
01	00	01

Additional Photos		
01	00	01

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

Print name _____

Sign name _____

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 41762

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 41762
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	9/15/2021