



September 6, 2022

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

**Re: Remediation Report and Closure Request
 ConocoPhillips
 Battle Axe Facility Release
 Unit Letter A, Section 27, Township 26 South, Range 32 East
 Lea County, New Mexico
 Incident ID NRM1935358727**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred at the Battle Axe Facility. The release footprint is located in Public Land Survey System (PLSS) Unit Letter A, Section 27, Township 26 South, Range 32 East, Lea County, New Mexico (Site). The release site coordinates are 32.018605°, -103.656280°. The Site location is 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 October 29, 2019. The release occurred as the result of a pinhole leak on the water leg "y"-strainer. Approximately 1.55 barrels (bbls) of crude oil and 29.37 bbls of produced water were released, of which approximately 0.25 bbls of crude oil and 4.75 bbls of produced water were recovered. The NMOCD Incident ID for the release is NRM1935358727. Figure 3 depicts the approximate release extent and release point.

SITE CHARACTERIZATION

A site characterization was performed by Etech Environmental & Safety Solutions, Inc. (Etech). The results are documented in the approved Site Assessment Report and Proposed Remediation Workplan, dated March 27, 2020. The Workplan provided pages 3, 4 and 5 of Form C-141. Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site established by Etech was as follows:

Constituent	Site RRALs
Chloride	600 mg/kg
TPH	100 mg/kg
BTEX	50 mg/kg

A supplemental site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.0029 New Mexico Administrative Code (NMAC). The Site is within a New Mexico oil and gas production area and is in an area of medium karst potential.

Tetra Tech

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According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within 0.5 miles (800 meters) of the Site. There are four wells within 1.75 miles (2,800 meters) with water level data with an average depth to water of 240 feet below ground surface (bgs). The nearest water well is approximately 1.6 miles (2,586 meters) from the Site with a depth to water of 125 feet bgs. Thus, all reviewed water level data indicates depth to water in the vicinity of the Site to be greater than 100 feet bgs. The site characterization data are presented in Appendix B.

REGULATORY FRAMEWORK

Based upon the release footprint location 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 relative absence of water wells within ½ mile of the Site, the strictest Table I closure criteria will be applied to this release incident in lieu of drilling a boring for groundwater depth verification.

Thus, based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site were consistent with Etech's determination and as follows:

Constituent	Site RRALs
Chloride	600 mg/kg
TPH	2100 mg/kg
BTEX	50 mg/kg

REMEDIATION WORK PLAN

As mentioned, A Site Assessment Report and Proposed Remediation Workplan was prepared by Etech Environmental & Safety Solutions, Inc. (Etech) on behalf of ConocoPhillips and submitted to NMOCD on March 27, 2020. The report details field activities and results of the release assessment conducted at the site. The Proposed Remediation Workplan was approved via email by Ms. Cristina Eads on May 4, 2020. Ms. Eads also executed page 5 of the C-141 included with the report. This email correspondence is included in Appendix C. A summary of the approved Site Assessment Report and Proposed Remediation Workplan is included below.

Site Assessment Activities and Results

On January 28, 2020, Etech personnel installed a total of fourteen (14) hand auger borings to delineate the extent of impacted soils. Four (4) borings (SP1, SP2 and SP3) were installed within the release extent to obtain vertical delineation. Ten (10) borings (NH1, NH2, EH1, EH2, SH1, SH2, WH1, WH2d and WH3) were installed around the perceived perimeter of the release extent to horizontally delineate the release. A total of twenty-six (26) soil samples were collected from the 14 borings and submitted to Xenco Laboratories in Midland, TX (Xenco) for analysis of BTEX, TPH and chloride.

Analytical results associated with the January and February 2020 assessment activities are summarized in Table 1. When compared to the RRALs proposed in the Etech Workplan (based on high karst potential), additional assessment was required for delineation due to chloride concentrations at WH3 and SP4 exceeding 600 mg/kg. On February 13 and 24, 2020, Etech personnel were at the Site to continue sampling activities in order to address the incomplete delineation. On February 13, a boring (WH3b) was installed to define the horizontal extent west of WH3. Additionally, on February 24, two test trenches were advanced to define the vertical extent at greater depth intervals at SP4 and WH3. A total of four (4) soil samples were submitted to Xenco for chloride analysis. Laboratory analytical results from the assessment activities indicate that the release is fully delineated following the February 2020 sampling event. Boring locations and test trench locations are shown on Figure 3.

Proposed Remediation Plan

According to the approved Site Assessment Report and Proposed Remediation Workplan, the release area was to be excavated to depth of 1 foot bgs in the vicinity of boring locations SP1 through SP3 and 3 feet bgs in the vicinity of boring location WH3. Impacted soil in close proximity to production equipment and associated utilities, such as the area near SP4, was scheduled to be excavated to the maximum extent practicable.

Confirmation samples were scheduled to be collected from the sidewalls and floors of the excavation to confirm efficacy of remedial activities. Each confirmation sidewall sample is intended to represent no more than 50 linear feet along the excavation perimeter. Each confirmation floor sample will represent an area of 500 square feet.

The Etech Workplan classified the Site as being within a high karst potential area. However, based on the latest data provided on the NMOCD Oil and Gas Map (Appendix B), the Site is no longer classified as having high karst potential. Although the Site is now classified as being in a medium karst potential area, the following remedial activities were performed in accordance with the Site RRALs proposed in the approved work plan.

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From August 4 to 17, 2022, Tetra Tech personnel were onsite to supervise the remediation activities proposed in the approved Workplan, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, on August 1, 2022, the NMOCD division district office was notified via email in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix C.

Impacted soils were excavated until a representative sample from the walls and bottom of the excavation had a field screening value inferred as lower than the approved RRALs for the Site. Once field screening was completed, confirmation floor and sidewall samples were collected for laboratory analysis to verify that the impacted materials were properly removed. Each confirmation sample laboratory analytical result was directly compared to the approved RRALs to demonstrate compliance. Per the approved Alternative Confirmation Sampling Plan, confirmation samples were collected such that each discrete sample (sidewall and floor) were representative of no more than 500 square feet of excavated area. A total of eighteen (18) floor sample locations and fourteen (14) sidewall sample locations were used during the remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas, depths and confirmation sample locations are indicated in Figure 4.

Collected confirmation samples to be submitted for analysis were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal Laboratories in Hobbs, New Mexico. The soil samples were analyzed for TPH (GRO, DRO and ORO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chloride by SM4500Cl-B. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D.

In accordance with the approved Workplan and based on laboratory analytical results, the impacted areas were excavated to a maximum depth of 3 feet below pre-release grade. The areas containing confirmation floor samples FS-4 and FS-10 were excavated to a depth of 3 feet below pre-release grade, and the areas containing the remainder of the confirmation floor samples were excavated to a depth of 1 foot below pre-release grade. Release areas located within approximately 4 feet of underground utilities were excavated by hand digging to the proposed depth. Due to the proximity of underground electrical lines, two small areas of the release footprint located in the southern-most portion of the release extent and near an electrical panel east of FS-4 were dug by hand to remove soils containing surface staining. All confirmation soil samples (floor and sidewall) were below the NMOCD-approved Site RRALs and reclamation requirements for chloride, BTEX, and TPH. The analytical results of the August 2022 confirmation sampling event are summarized in Table 2.

Remediation Report and Closure Request
August 31, 2022

ConocoPhillips

All the excavated material was transported offsite for proper disposal. Approximately 274 cubic yards of material were transported to the Milestone Environmental Services Facility in Orla, TX for disposal. Once confirmation sampling activities were completed and associated analytical results were below the RRALs, the excavated areas were backfilled with clean material to surface grade. Photographs from the excavated areas prior to and immediately following placement of backfill are provided in Appendix E. Copies of the waste manifests are included in Appendix F.

CONCLUSION

ConocoPhillips respectfully requests closure of the incident based on the confirmation sampling results and remediation activities performed. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation activities or confirmation sampling for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2661.

Sincerely,
Tetra Tech, Inc.



Ryan C. Dickerson
Project Manager



Christian M, Lull, P.G.
Program Manager

cc:
Mr. Sam Widmer, RMR – ConocoPhillips

List of Attachments

Figures:

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

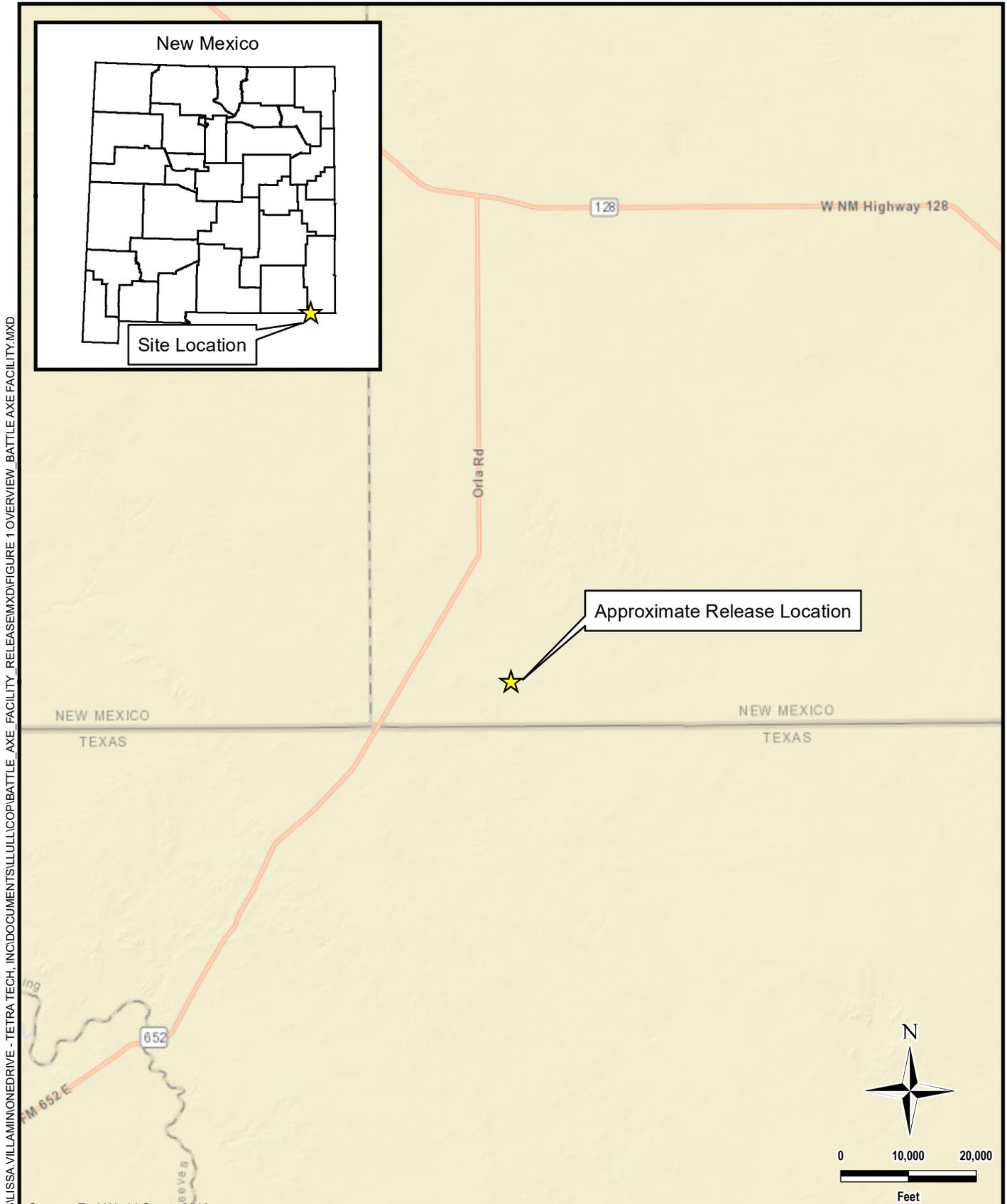
Tables:

- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation

Appendices:

- Appendix A – C-141 Form
- Appendix B – Site Characterization Data
- Appendix C – Regulatory Correspondence
- Appendix D – Laboratory Analytical Data
- Appendix E – Photographic Documentation
- Appendix F – Waste Manifests

FIGURES



DOCUMENT PATH: C:\USERS\LISSA.VILLAMINONEDRIVE - TETRA TECH\INC\DOCUMENTS\111111\COPI\BATTLE_AXE_FACILITY_RELEASE\MXD\FIGURE 1 OVERVIEW_BATTLE_AXE_FACILITY.MXD

Source: Esri World Street, 2019.



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CONOCOPHILLIPS

NAPP2128035834
(32.018605°, -103.656280°)
LEA COUNTY, NEW MEXICO

**BATTLE FACILITY RELEASE
OVERVIEW MAP**

PROJECT NO.: 212C-MD-02791

DATE: AUGUST 22, 2022

DESIGNED BY: LMV

Figure No.

1

DOCUMENT PATH: C:\USERS\LISSA.VILLAMONEDRIVE - TETRA TECH\INC\DOCUMENTS\ILLU\CO\BATTLE_AXE FACILITY_RELEASE\MXD\FIGURE 2 TOPO_BATTLE AXE FACILITY.MXD

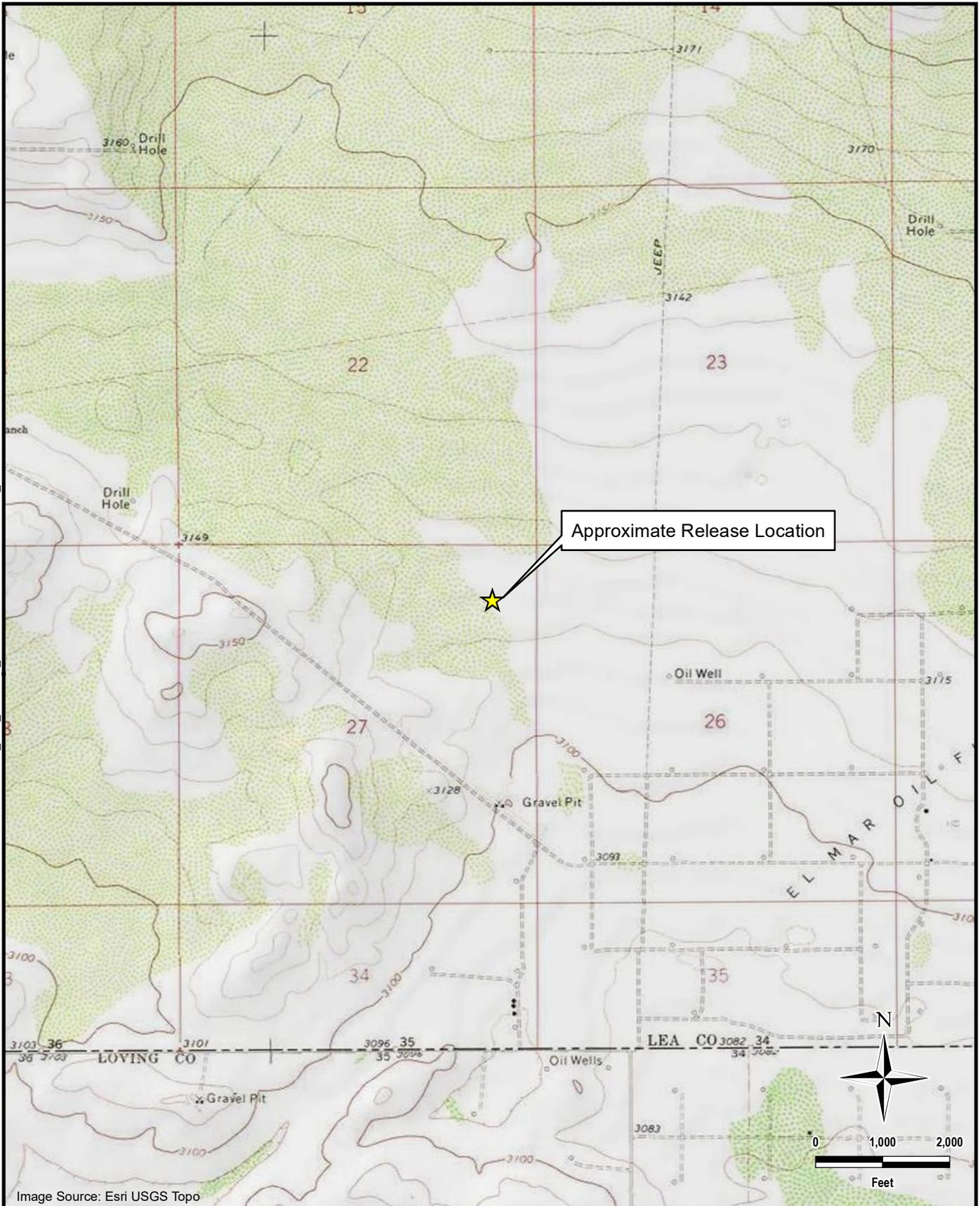


Image Source: Esri USGS Topo



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CONOCOPHILLIPS

NAPP2128035834
(32.018605°, -103.656280°)
LEA COUNTY, NEW MEXICO

**BATTLE FACILITY RELEASE
TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-02791

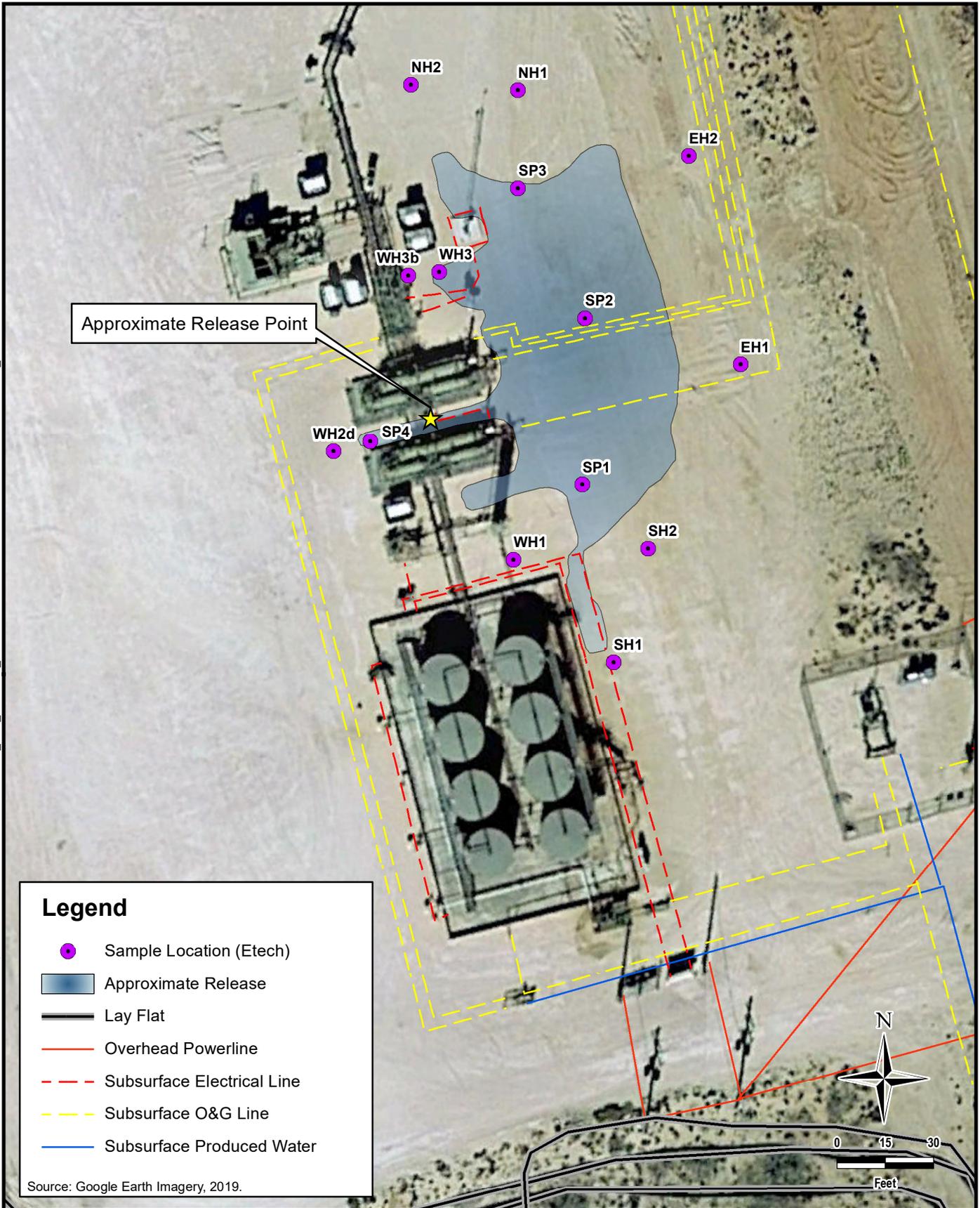
DATE: AUGUST 22, 2022

DESIGNED BY: LMV

Figure No.

2

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINONEDRIVE - TETRA TECH\INC\DOCUMENTS\111111\COPI\BATTLE_AXE_FACILITY_RELEASE\MXD\FIGURE 3 RELEASE AND ASSESSMENT_BATTLE_AXE_FACILITY.MXD



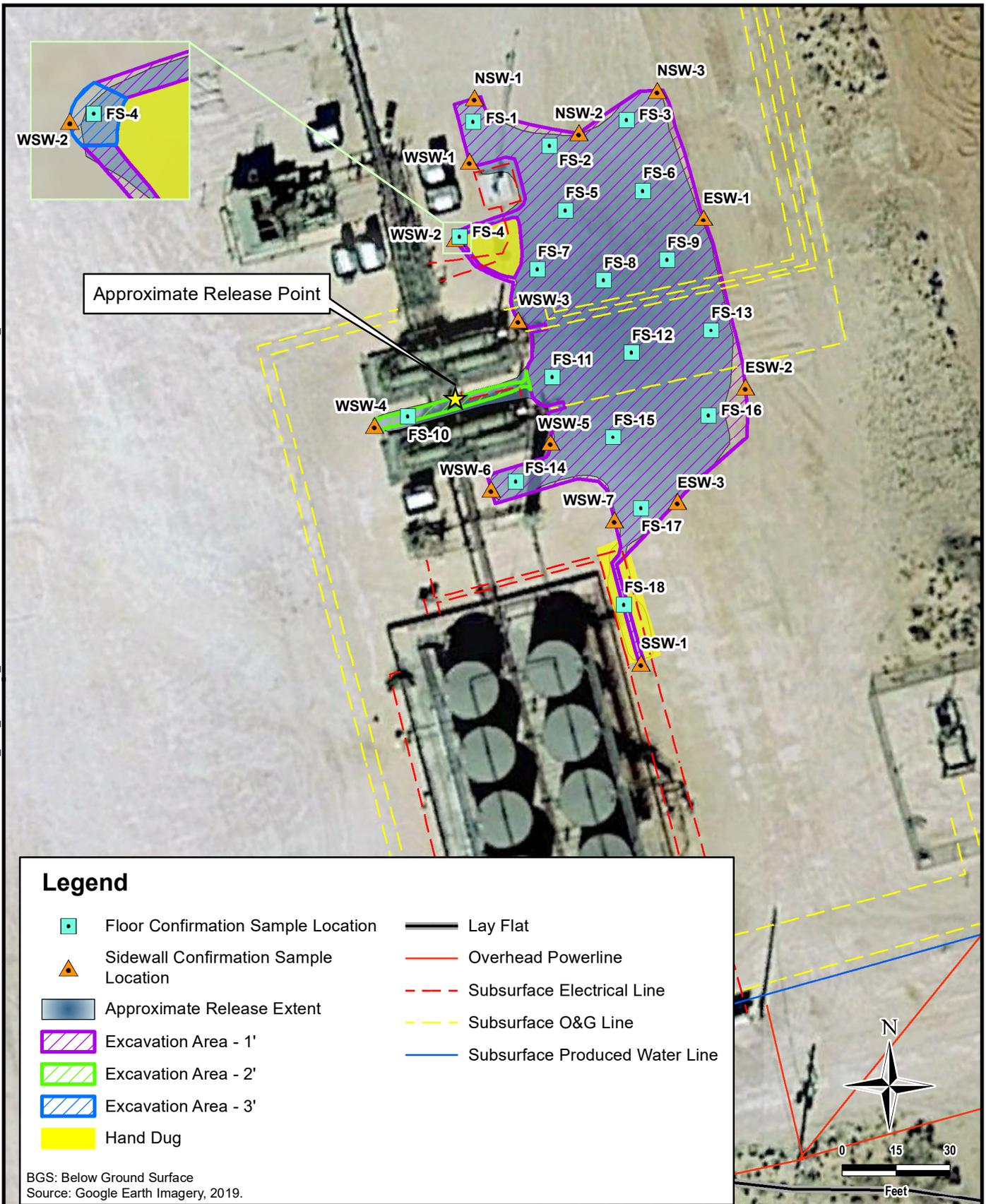
Legend

- Sample Location (Etech)
- Approximate Release
- Lay Flat
- Overhead Powerline
- Subsurface Electrical Line
- Subsurface O&G Line
- Subsurface Produced Water

Source: Google Earth Imagery, 2019.

 <p>TETRA TECH</p> <p>www.tetratech.com</p> <p>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>CONOCOPHILLIPS</p> <p>NAPP2128035834 (32.018605°, -103.656280°) LEA COUNTY, NEW MEXICO</p> <p>BATTLE AXE FACILITY RELEASE APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT</p>	<p>PROJECT NO.: 212C-MD-02791</p> <p>DATE: AUGUST 23, 2022</p> <p>DESIGNED BY: LMV</p>
	<p>Figure No.</p> <p>3</p>	

DOCUMENT PATH: C:\USERS\ISSA.VILLAMINONEDRIVE - TETRA TECH\INC\DOCUMENTS\ILLU\COPI\BATTLE_AXE_FACILITY_RELEASE\MXD\FIGURE 4 REMEDIATION AND CONFIRMATION - BATTLE AXE FACILITY.MXD



Legend	
	Floor Confirmation Sample Location
	Sidewall Confirmation Sample Location
	Approximate Release Extent
	Excavation Area - 1'
	Excavation Area - 2'
	Excavation Area - 3'
	Hand Dug
	Lay Flat
	Overhead Powerline
	Subsurface Electrical Line
	Subsurface O&G Line
	Subsurface Produced Water Line

BGS: Below Ground Surface
Source: Google Earth Imagery, 2019.

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(32.018605°, -103.656280°)
LEA COUNTY, NEW MEXICO

**BATTLE AXE FACILITY RELEASE
REMEDATION EXTENT AND CONFIRMATION SAMPLE LOCATIONS**

PROJECT NO.:	212C-MD-02791
DATE:	AUGUST 25, 2022
DESIGNED BY:	LMV
Figure No.	4

TABLE

TABLE 1
 SUMMARY OF ANALYTICAL RESULTS
 SOIL ASSESSMENT - NRM1935358727
 CONOCOPHILLIPS
 BATTLE AXE FACILITY LEASE PAD RELEASE
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹	BTEX ²		TPH ³			Total TPH (GRO+DRO+EXT DRO) mg/kg
				Benzene mg/kg	Total BTEX mg/kg	GRO	DRO	EXT DRO	
						C ₆ - C ₁₀ mg/kg	> C ₁₀ - C ₂₈ mg/kg	> C ₂₈ - C ₃₆ mg/kg	
ft. bgs		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
NH1@Surf	1/28/2020	0	120.0	< 0.00200	< 0.00200	< 50.0	< 50.0	< 50.0	-
NH1@1	1/28/2020	1	7.88	< 0.00200	< 0.00200	< 49.9	< 49.9	< 49.9	-
NH2@Surf	1/28/2020	0	14.9	< 0.00200	< 0.00200	< 50.0	< 50.0	< 50.0	-
NH2@1	1/28/2020	1	36.5	< 0.00201	< 0.00201	< 50.0	< 50.0	< 50.0	-
EH1@Surf	1/28/2020	0	70.1	< 0.00199	< 0.00199	< 50.0	< 50.0	< 50.0	-
EH1@1	1/28/2020	1	50.3	< 0.00200	< 0.00200	< 49.9	< 49.9	< 49.9	-
EH2@Surf	1/28/2020	0	25.2	< 0.00200	< 0.00200	< 49.8	< 49.8	< 49.8	-
EH2@1	1/28/2020	1	< 4.98	< 0.00200	< 0.00200	< 49.9	< 49.9	< 49.9	-
SH1@Surf	1/28/2020	0	515	< 0.00200	< 0.00200	< 50.0	< 50.0	< 50.0	-
SH1@1	1/28/2020	1	34.9	< 0.00200	< 0.00200	< 50.0	< 50.0	< 50.0	-
SH2@Surf	1/28/2020	0	290	< 0.00199	< 0.00199	< 50.0	< 50.0	< 50.0	-
SH2@1	1/28/2020	1	9.17	< 0.00198	< 0.00198	< 49.9	< 49.9	< 49.9	-
WH1@Surf	1/28/2020	0	369	< 0.00200	< 0.00200	< 50.0	< 50.0	< 50.0	-
WH1@1	1/28/2020	1	87.5	< 0.00199	< 0.00199	< 50.0	< 50.0	< 50.0	-
WH2d@Surf	1/28/2020	0	235	< 0.00200	< 0.00200	< 49.8	53.4	< 49.8	53.4
WH2d@1	1/28/2020	1	28.1	< 0.00200	< 0.00200	< 50.0	< 50.0	< 50.0	-
WH3@Surf	1/28/2020	0	321	< 0.00200	< 0.00200	< 50.0	58.6	< 50.0	58.6
WH3@1	1/28/2020	1	890	< 0.00200	< 0.00200	< 49.9	< 49.9	< 49.9	-
SP1@Surf	1/28/2020	0	1,420	< 0.00202	< 0.00202	< 49.8	< 49.8	< 49.8	-
SP1@1	1/28/2020	1	82.3	< 0.00199	< 0.00199	< 50.0	< 50.0	< 50.0	-
SP2@Surf	1/28/2020	0	1,390	< 0.00198	< 0.00198	< 49.9	< 49.9	< 49.9	-
SP2@1	1/28/2020	1	26.7	< 0.00201	< 0.00201	< 49.9	< 49.9	< 49.9	-
SP3@Surf	1/28/2020	0	123	< 0.00201	< 0.00201	< 49.8	< 49.8	< 49.8	-
SP3@1	1/28/2020	1	8.01	< 0.00200	< 0.00200	< 50.0	< 50.0	< 50.0	-
SP4@Surf	1/28/2020	0	6,430	< 0.00199	< 0.00199	< 50.0	52.0	< 50.0	52.0
SP4@1	1/28/2020	1	691	< 0.00200	< 0.00200	< 49.9	< 49.9	< 49.9	-
WH3b@Surf	2/13/2020	0	< 5.03	NA	NA	NA	NA	NA	NA
WH3b@1'	2/13/2020	1	4.00	NA	NA	NA	NA	NA	NA
SP4@4'	2/24/2020	4	37.5	NA	NA	NA	NA	NA	NA
WH3@3'	2/24/2020	3	113	NA	NA	NA	NA	NA	NA

NOTES:

- ft. Feet
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- NA Not Analyzed
- 1 EPA Method 300.0
- 2 Method 8021B
- 3 Method 8015M

TABLE 2
 SUMMARY OF ANALYTICAL RESULTS
 SOIL REMEDIATION - NRM1935358727
 CONOCOPHILLIPS
 BATTLE AXE FACILITY LEASE PAD RELEASE
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²								TPH ³								
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)
					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	8/9/2022	1	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-2	8/9/2022	1	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-3	8/10/2022	1	160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-4	8/9/2022	3	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-5	8/10/2022	1	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-6	8/10/2022	1	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-7	8/10/2022	1	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-8	8/10/2022	1	160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-9	8/10/2022	1	144		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-10	8/10/2022	2	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-11	8/10/2022	1	112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-12	8/9/2022	1	112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-13	8/9/2022	1	128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-14	8/9/2022	1	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-15	8/10/2022	1	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-16	8/9/2022	1	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-17	8/10/2022	1	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-18	8/9/2022	1	112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-1	8/9/2022	-	128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-2	8/9/2022	-	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-3	8/10/2022	-	112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-1	8/9/2022	-	144		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-2	8/9/2022	-	320		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-3	8/9/2022	-	160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
SSW-1	8/9/2022	-	160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-1	8/9/2022	-	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-2	8/9/2022	-	128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-3	8/10/2022	-	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-4	8/9/2022	-	304		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-5	8/9/2022	-	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-6	8/9/2022	-	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-7	8/9/2022	-	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-

NOTES:

- ft. Feet
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500Cl-B
- 2 Method 8021B
- 3 Method 8015M

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	NRM1935358727
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

ONS64-191031-C-1410

Responsible Party ConocoPhillips	OGRID 217817
Contact Name <i>Charles R. Beauvais II</i>	Contact Telephone <i>575-745-1959</i>
Contact email <i>charles.r.beauvais@conocophillips.com</i>	Incident # (assigned by OCD)
Contact mailing address <i>15 W London Rd, Loving, NM 88256</i>	

Location of Release Source

Latitude *32.0187°* Longitude *-103.6560°*
(NAD 83 in decimal degrees to 5 decimal places)

Site Name <i>Battle Axe</i>	Site Type
Date Release Discovered <i>10/29/2019</i>	API# (if applicable)

Unit Letter	Section	Township	Range	County
<i>A</i>	<i>27</i>	<i>26S</i>	<i>32E</i>	<i>Lea</i>

/rlm 12/19/2019

Surface Owner: State Federal Tribal Private (Name: *BLM*)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) <i>1.55 bbls</i>	Volume Recovered (bbls) <i>.25 bbls</i>
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <i>29.37 bbls</i>	Volume Recovered (bbls) <i>4.75 bbls</i>
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls) <i>0, N/A</i>	Volume Recovered (bbls) <i>0, N/A</i>
<input type="checkbox"/> Natural Gas	Volume Released (Mcf) <i>0, N/A</i>	Volume Recovered (Mcf) <i>0, N/A</i>
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units) <i>0, N/A</i>	Volume/Weight Recovered (provide units) <i>0 N/A</i>

Cause of Release -- *Pin hole in water leg & strainer.*

Incident ID	NRM1935358727
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) the responsible party consider this a major release? 19.15.29.7 (A)(1) An unauthorized release of a volume, excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was made by Charles Beauvais, Environmental Coordinator, on 10/30/19 via email to Bradford Billing and emurd-ocd-district 1 spills @state.nm.us.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why: _____ _____ _____
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Charles Beauvais</u> Title: <u>Environmental Coordinator</u> Signature: <u>[Signature]</u> Date: <u>10/31/2019</u> email: <u>charles.r.beauvais@conocophillips.com</u> Telephone: <u>1-575-745-1959</u>
OCD Only Received by: <u>Ramona Marcus</u> Date: <u>12/19/2019</u>

Incident ID	NRM1935358727
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?	>100 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-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

Incident ID	NRM1935358727
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: Charles R. Beauvais II Title: Environmental Coordinator
 Signature: *Charles R Beauvais II* Date: 3/26/2020
 email: charles.r.beauvais@conocophillips.com Telephone: 575-988-2043

OCD Only

Received by: Cristina Eads Date: 03/27/2020

Incident ID	NRM1935358727
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: Charles R. Beauvais II Title: Environmental Coordinator
 Signature: Charles R Beauvais II Date: 03/26/2020
 email: charles.r.beauvais@conocophillips.com Telephone: 575-988-2043

OCD Only

Received by: Cristina Eads Date: 03/27/2020

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature:  Date: 05/04/2020

Incident ID	NRM1935358727
District RP	
Facility ID	
Application ID	

Closure

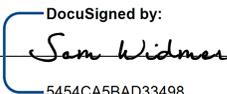
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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: Sam Widmer Title: Principal Program Manager

Signature:  Date: Sep-06-2022

email: Sam.widmer@conocophillips.com Telephone: 281-206-5298

OCD Only

Received by: _____ Date: _____

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

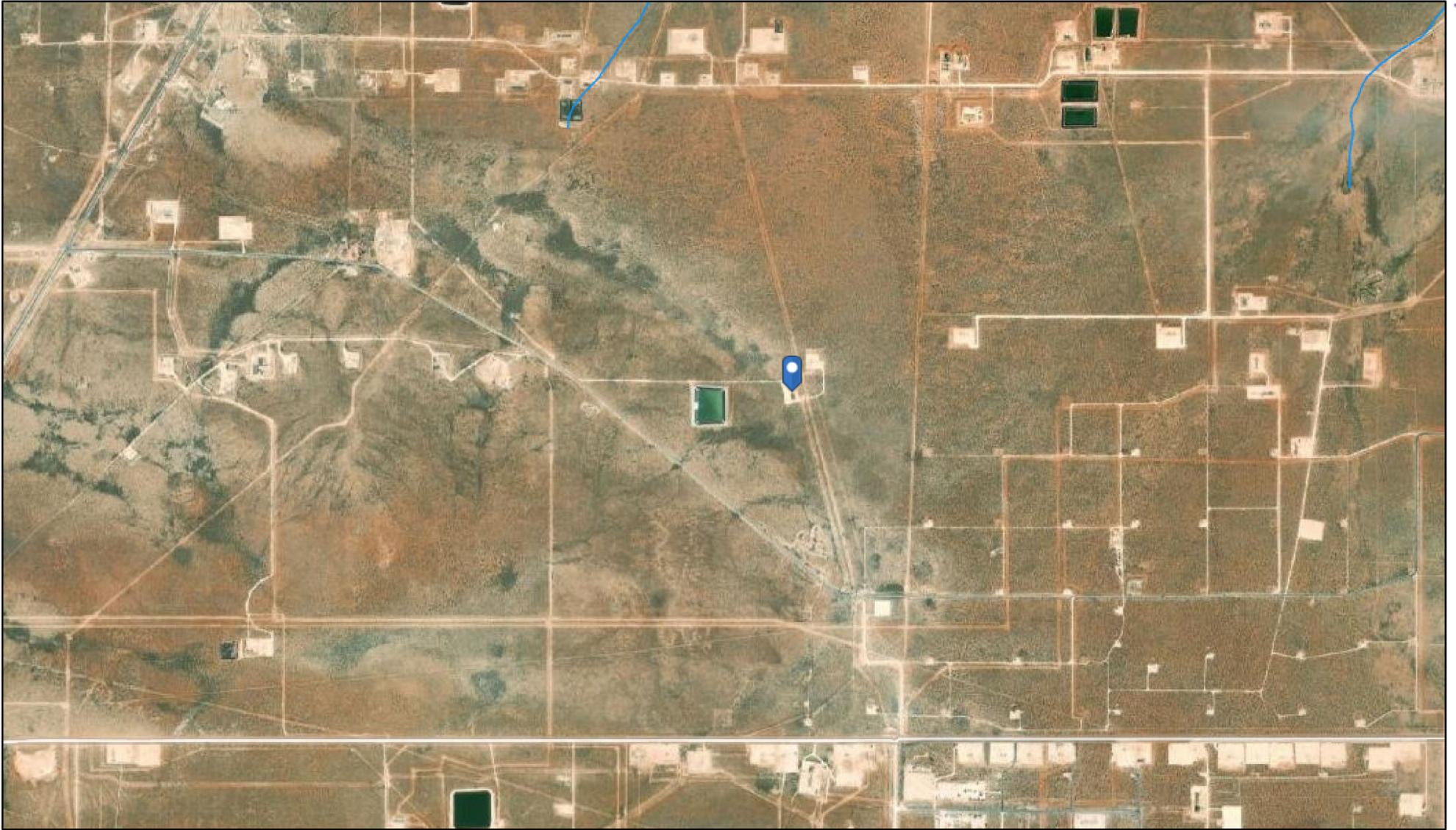
Closure Approved by: Jennifer Nobui Date: 09/09/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

APPENDIX B

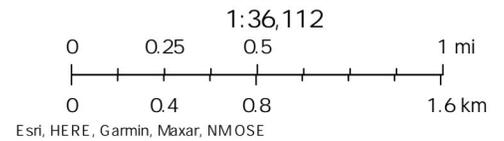
Site Characterization Data

NMOCD Water Bodies

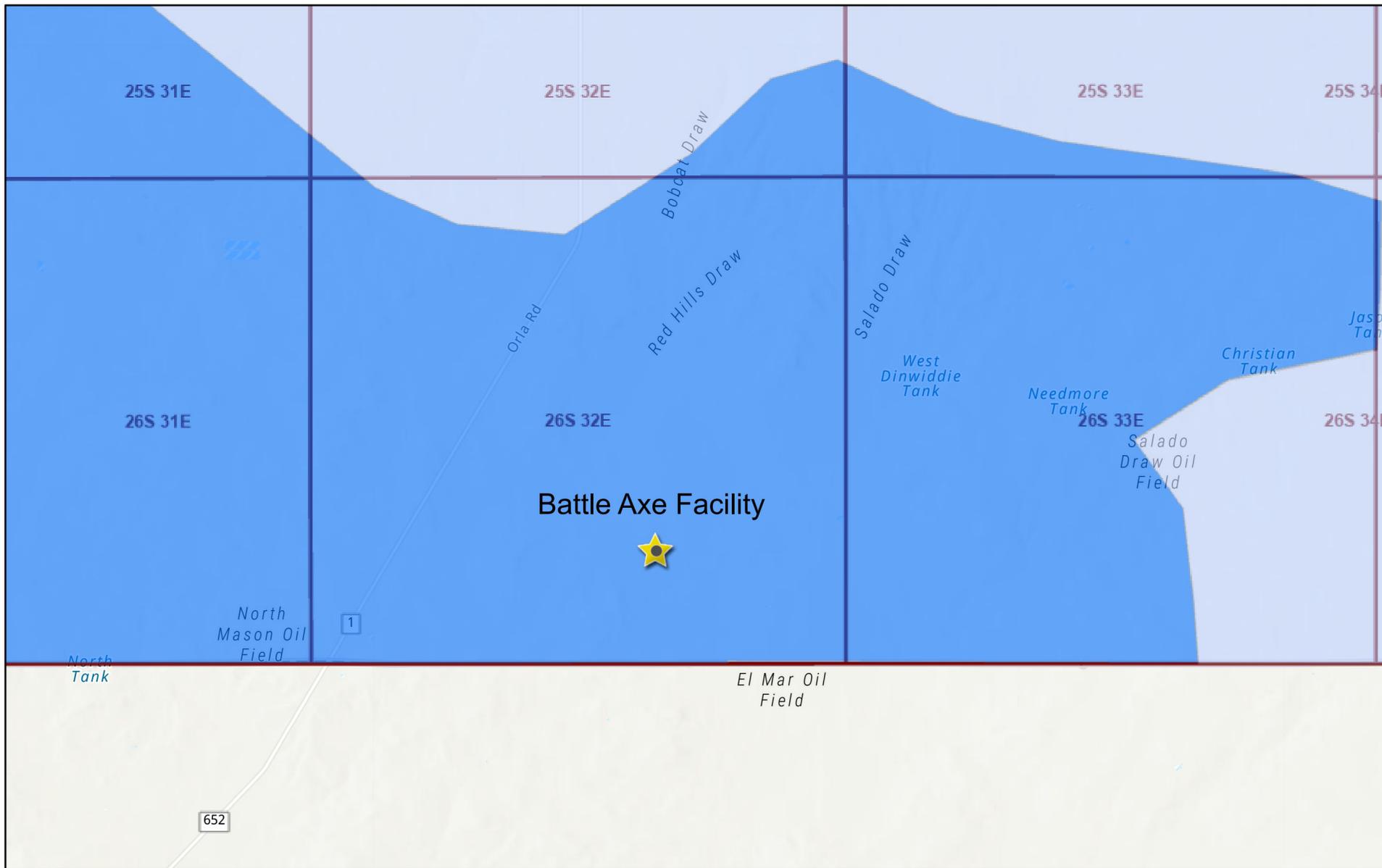


8/10/2022, 2:54:23 PM

— OSE Streams



Battle Axe Facility - Karst Potential



8/19/2022, 3:02:48 PM



Override 1

Karst Occurrence Potential

 Medium

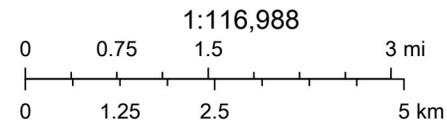
 Low



PLSS First Division



PLSS Townships



BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc.

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division



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
C 02271	R	CUB	LE	2	3	21	26S	32E		624449	3544111*	2586	150	125	25
C 03595 POD1		CUB	LE	4	2	3	21	26S	32E	624423	3544045	2592	280	180	100
C 02271 POD2		CUB	LE	3	2	3	21	26S	32E	624348	3544010*	2653	270	250	20
C 02323		C	LE	3	2	3	21	26S	32E	624348	3544010*	2653	405	405	0
C 03537 POD1		CUB	LE	3	2	3	21	26S	32E	624250	3543985	2741	850		

Average Depth to Water: **240 feet**
 Minimum Depth: **125 feet**
 Maximum Depth: **405 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 626901

Northing (Y): 3543286.94

Radius: 2800

*UTM location was derived from PLSS - see Help

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

APPENDIX C

Regulatory Correspondence

From: [Eads, Cristina, EMNRD](#)
To: ["charles.r.beauvais@conocophillips.com"](mailto:charles.r.beauvais@conocophillips.com)
Cc: [Mike EMNRD Bratcher \(mike.bratcher@state.nm.us\)](mailto:mike.bratcher@state.nm.us); [Victoria EMNRD Venegas \(Victoria.Venegas@state.nm.us\)](mailto:Victoria.Venegas@state.nm.us); [Robert EMNRD Hamlet \(Robert.Hamlet@state.nm.us\)](mailto:Robert.Hamlet@state.nm.us)
Subject: NRM1935358727 BATTLE AXE @ A-27-26S-32E ON OE
Date: Monday, May 4, 2020 4:45:00 PM
Attachments: [\(C-141 Remediation Plan\) NRM1935358727.pdf](#)
[image002.png](#)

NRM1935358727 BATTLE AXE @ A-27-26S-32E ON OE

Mr. Beauvais,

The OCD has approved the Remediation Plan for incident # NRM1935358727. The signed C-141 can be found in the online image data base under the incident #.

Thanks,

Cristina Eads

Environmental Bureau

EMNRD – Oil Conservation Division

5200 Oakland Avenue NE, Suite 100

Albuquerque, New Mexico 87113

505.670-5601

email: Cristina.Eads@state.nm.us



OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Poole, Nicholas

From: Poole, Nicholas
Sent: Monday, August 1, 2022 12:58 PM
To: ocd.enviro@state.nm.us
Cc: Llull, Christian; Dickerson, Ryan
Subject: Incident ID: nRM1935358727 - Confirmation Sampling

Incident ID (n#) **nRM1935358727** (Battle Axe Facility)

To whom it may concern,

In accordance with Subsection D of 19.15.29.12 NMAC, the responsible party must verbally notify the appropriate division district office prior to conducting confirmation sampling.

Remediation activities are beginning at the site Wednesday August 3, 2022.

Thus, on behalf of ConocoPhillips for the above referenced incident, Tetra Tech is duly providing this communication which serves as notification that final confirmation sampling will be conducted at this site Monday, August 8 through Friday, August 12, 2022

NOTE: If you have any questions regarding this sampling schedule, please contact me.

Nicholas Poole | Staff Geoscientist
Mobile +1 (512) 560-9064 | nicholas.poole@tetratech.com

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetratech.com

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    Please consider the environment before printing. [Read more](#)



Poole, Nicholas

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Tuesday, August 2, 2022 9:33 AM
To: Poole, Nicholas
Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject: FW: [EXTERNAL] Incident ID: nRM1935358727 - Confirmation Sampling

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. **⚠**

Nicholas

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Tuesday, August 2, 2022 8:07 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: Fw: [EXTERNAL] Incident ID: nRM1935358727 - Confirmation Sampling

From: Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>
Sent: Monday, August 1, 2022 11:57 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Llull, Christian <Christian.Llull@tetrattech.com>; Dickerson, Ryan <Ryan.Dickerson@tetrattech.com>
Subject: [EXTERNAL] Incident ID: nRM1935358727 - Confirmation Sampling

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Incident ID (n#) **nRM1935358727** (Battle Axe Facility)

To whom it may concern,

In accordance with Subsection D of 19.15.29.12 NMAC, the responsible party must verbally notify the appropriate division district office prior to conducting confirmation sampling.

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Nicholas Poole | Staff Geoscientist
Mobile +1 (512) 560-9064 | nicholas.poole@tetratech.com

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APPENDIX D

Laboratory Analytical Data



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

August 10, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: BATTLE AXE PAD RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/09/22 15:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: SSW - 1 (H223565-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2022	ND	1.94	97.2	2.00	0.812	
Toluene*	<0.050	0.050	08/09/2022	ND	2.04	102	2.00	0.551	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.09	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.43	107	6.00	2.97	
Total BTEX	<0.300	0.300	08/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 43-149

Surrogate: 1-Chlorooctadecane 93.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: WSW - 7 (H223565-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/09/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/09/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/09/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 91.7 % 43-149

Surrogate: 1-Chlorooctadecane 97.4 % 42.5-161

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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: WSW - 6 (H223565-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/09/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/09/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 75.4 % 43-149

Surrogate: 1-Chlorooctadecane 82.7 % 42.5-161

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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: WSW - 5 (H223565-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/09/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/09/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 86.5 % 43-149

Surrogate: 1-Chlorooctadecane 91.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: WSW - 4 (H223565-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/09/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/09/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 92.9 % 43-149

Surrogate: 1-Chlorooctadecane 97.5 % 42.5-161

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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: WSW - 2 (H223565-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 91.0 % 43-149

Surrogate: 1-Chlorooctadecane 96.5 % 42.5-161

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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: ESW - 1 (H223565-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812	
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97	
Total BTEX	<0.300	0.300	08/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 43-149

Surrogate: 1-Chlorooctadecane 97.1 % 42.5-161

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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: ESW - 2 (H223565-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812	
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97	
Total BTEX	<0.300	0.300	08/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 43-149

Surrogate: 1-Chlorooctadecane 86.5 % 42.5-161

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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: ESW - 3 (H223565-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812	
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97	
Total BTEX	<0.300	0.300	08/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 43-149

Surrogate: 1-Chlorooctadecane 91.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 12 (H223565-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 89.4 % 43-149

Surrogate: 1-Chlorooctadecane 94.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 13 (H223565-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 84.9 % 43-149

Surrogate: 1-Chlorooctadecane 90.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 16 (H223565-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812	
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97	
Total BTEX	<0.300	0.300	08/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 43-149

Surrogate: 1-Chlorooctadecane 84.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 18 (H223565-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812	
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97	
Total BTEX	<0.300	0.300	08/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 43-149

Surrogate: 1-Chlorooctadecane 91.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 14 (H223565-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812	
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97	
Total BTEX	<0.300	0.300	08/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 43-149

Surrogate: 1-Chlorooctadecane 94.4 % 42.5-161

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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 4 (H223565-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812	
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97	
Total BTEX	<0.300	0.300	08/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 43-149

Surrogate: 1-Chlorooctadecane 87.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 1 (H223565-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812	
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97	
Total BTEX	<0.300	0.300	08/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 43-149

Surrogate: 1-Chlorooctadecane 95.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 2 (H223565-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 78.4 % 43-149

Surrogate: 1-Chlorooctadecane 82.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: WSW - 1 (H223565-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 82.3 % 43-149

Surrogate: 1-Chlorooctadecane 87.2 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: NSW - 1 (H223565-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 77.6 % 43-149

Surrogate: 1-Chlorooctadecane 82.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/09/2022	Sampling Date:	08/09/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: NSW - 2 (H223565-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.94	97.2	2.00	0.812		
Toluene*	<0.050	0.050	08/10/2022	ND	2.04	102	2.00	0.551		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.09	105	2.00	1.99		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.43	107	6.00	2.97		
Total BTEX	<0.300	0.300	08/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	201	101	200	7.34		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	217	109	200	4.99		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 85.4 % 43-149

Surrogate: 1-Chlorooctadecane 89.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/2

BILL TO

ANALYSIS REQUEST

Company Name: ConocoPhillips
 Project Manager: Christina Lull
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: 292-MD-02791 Project Owner: _____
 Project Name: Bothe ARE Pad Release
 Project Location: Lea County, NM
 Sampler Name: Letta Birkhead
 P.O. #: _____
 Company: Tetra Tech
 Attn: Christina Lull
 Address: by email
 City: _____
 State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>H023505</u>														
<u>11</u>	<u>FS-13</u>	<input checked="" type="checkbox"/>	<u>1</u>			<input checked="" type="checkbox"/>				<u>8/9/22</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>13</u>	<u>FS-16</u>													
<u>13</u>	<u>FS-18</u>													
<u>14</u>	<u>FS-14</u>													
<u>15</u>	<u>FS-4</u>													
<u>17</u>	<u>FS-1</u>													
<u>18</u>	<u>ES-2</u>													
<u>19</u>	<u>WW-1</u>													
<u>20</u>	<u>WW-1</u>													
	<u>WW-2</u>													

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Relinquished By: _____
 Date: 8/9/22
 Time: 5:00
 Received By: Stedeigney
 Date: _____
 Time: _____
 Received By: _____

Delivered By: (Circle One) _____
 Observed Temp. °C: 2.3°C
 Corrected Temp. °C: 1.7°C
 Sample Condition: Intact Cool Yes No
 Checked By: (initials)
 Turnaround Time: _____
 Standard: Bacteria (only)
 Thermometer ID #113 Rush Cool Intact Yes No
 Correction Factor -0.5°C 24h TAT Yes No
 Observed Temp. °C: _____
 Corrected Temp. °C: _____

REMARKS: Christina Lull@tetratech.com
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com
 8/9/22



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

August 11, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: BATTLE AXE PAD RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/10/22 14:41.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 3 (H223593-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.92	96.1	2.00	0.857		
Toluene*	<0.050	0.050	08/10/2022	ND	2.05	102	2.00	0.113		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	1.04		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.33	105	6.00	2.23		
Total BTEX	<0.300	0.300	08/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/11/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	192	95.8	200	6.09		
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	208	104	200	4.35		
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND						

Surrogate: 1-Chlorooctane 90.8 % 43-149

Surrogate: 1-Chlorooctadecane 96.6 % 42.5-161

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 5 (H223593-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.92	96.1	2.00	0.857		
Toluene*	<0.050	0.050	08/10/2022	ND	2.05	102	2.00	0.113		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	1.04		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.33	105	6.00	2.23		
Total BTEX	<0.300	0.300	08/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/11/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	192	95.8	200	6.09		
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	208	104	200	4.35		
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND						

Surrogate: 1-Chlorooctane 94.7 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 6 (H223593-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.92	96.1	2.00	0.857	
Toluene*	<0.050	0.050	08/10/2022	ND	2.05	102	2.00	0.113	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	1.04	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.33	105	6.00	2.23	
Total BTEX	<0.300	0.300	08/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/11/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	192	95.8	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	208	104	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 43-149

Surrogate: 1-Chlorooctadecane 104 % 42.5-161

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 7 (H223593-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.92	96.1	2.00	0.857	
Toluene*	<0.050	0.050	08/10/2022	ND	2.05	102	2.00	0.113	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	1.04	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.33	105	6.00	2.23	
Total BTEX	<0.300	0.300	08/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/11/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	192	95.8	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	208	104	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 104 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 8 (H223593-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.92	96.1	2.00	0.857		
Toluene*	<0.050	0.050	08/10/2022	ND	2.05	102	2.00	0.113		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	1.04		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.33	105	6.00	2.23		
Total BTEX	<0.300	0.300	08/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/11/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	192	95.8	200	6.09		
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	208	104	200	4.35		
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND						

Surrogate: 1-Chlorooctane 92.3 % 43-149

Surrogate: 1-Chlorooctadecane 95.7 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 9 (H223593-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.92	96.1	2.00	0.857	
Toluene*	<0.050	0.050	08/10/2022	ND	2.05	102	2.00	0.113	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	1.04	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.33	105	6.00	2.23	
Total BTEX	<0.300	0.300	08/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/11/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	192	95.8	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	208	104	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 107 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 10 (H223593-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2022	ND	1.92	96.1	2.00	0.857		
Toluene*	<0.050	0.050	08/10/2022	ND	2.05	102	2.00	0.113		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	1.04		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.33	105	6.00	2.23		
Total BTEX	<0.300	0.300	08/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	192	95.8	200	6.09		
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	208	104	200	4.35		
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND						

Surrogate: 1-Chlorooctane 95.3 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 11 (H223593-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/11/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 43-149

Surrogate: 1-Chlorooctadecane 98.9 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 15 (H223593-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/11/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 43-149

Surrogate: 1-Chlorooctadecane 97.9 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: FS - 17 (H223593-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/11/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: NSW - 3 (H223593-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/11/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 43-149

Surrogate: 1-Chlorooctadecane 93.5 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	BATTLE AXE PAD RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02791	Sample Received By:	Shalyn Rodriguez
Project Location:	CP - LEA COUNTY, NM		

Sample ID: WSW - 3 (H223593-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/11/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

P.O. #:

Company: *Tetra Tech*

Attn: *Christen Lull*

Address: *by email*

City:

State:

Phone #:

Fax #:

Company Name: *ConocoPhillips*

Project Manager: *Christen Lull*

Address:

City: State: Zip:

Phone #: Fax #: Project Owner:

Project #: *22C-MD-02791*

Project Name: *Bothe Ave Road Release*

Project Location: *Lea County, NM*

Sampler Name: *Coleen Bicknell*

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<i>1003593</i>	<i>F1-3</i>	<i>G</i>	<i>1</i>			<i>X</i>				<i>X</i>	<i>8/10/22</i>			
	<i>F1-5</i>													
	<i>F1-6</i>													
	<i>F1-7</i>													
	<i>F1-8</i>													
	<i>F1-9</i>													
	<i>F1-10</i>													
	<i>F1-11</i>													
	<i>F1-15</i>													
	<i>F1-17</i>													

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Relinquished By: *[Signature]*

Date: *8/10/22*

Received By: *[Signature]*

Date: *8/10/22*

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

REMARKS: *Christen.Lull@tetratech.com*

Relinquished By: *[Signature]*

Date: *8/10/22*

Received By: *[Signature]*

Date: *8/10/22*

Delivered By: (Circle One)

Observed Temp. °C: *3.6°C*

Sample Condition: Intact Cool Yes No

CHECKED BY: *[Signature]*

Turnaround Time:

Standard: *RUSH*

Bacteria (only) Sample Condition: Cool Intact Yes No

Observed Temp. °C: *3.0°C*

Sampler - UPS - Bus - Other:

Corrected Temp. °C: *3.0°C*

Sample Condition: Intact Cool Yes No

CHECKED BY: *[Signature]*

Thermometer ID #13

Correction Factor: *24.67%*

Bacteria (only) Sample Condition: Cool Intact Yes No

Corrected Temp. °C:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

8/2/10/22

1/2



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

2/12

Company Name: ConocoPhillips
 Project Manager: Christina Lull
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: 20C-ND-02791 Project Owner: _____
 Project Name: Battle Axe Pad Release
 Project Location: Lee County, NY
 Sampler Name: Colton Bickelstein
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<u>HA03593</u>	<u>MW-3</u>		<u>61</u>		<input checked="" type="checkbox"/>					<u>8/10/22</u>	<u>0900</u>	<u>TPH</u>
<u>18</u>	<u>MW-3</u>		<u>61</u>		<input checked="" type="checkbox"/>					<u>8/10/22</u>	<u>0900</u>	<u>BTEX</u>
												<u>Chlorides</u>

Relinquished By: Colton Bickelstein Date: 8/10/22 Time: 1411
 Received By: Steele Keene Date: _____ Time: _____
 Relinquished By: _____ Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____

Delivered By: (Circle One) UPS Bus Other: _____
 Observed Temp. °C: 3.0°C Corrected Temp. °C: 3.0°C
 Sample Condition: Cool Intact Yes No

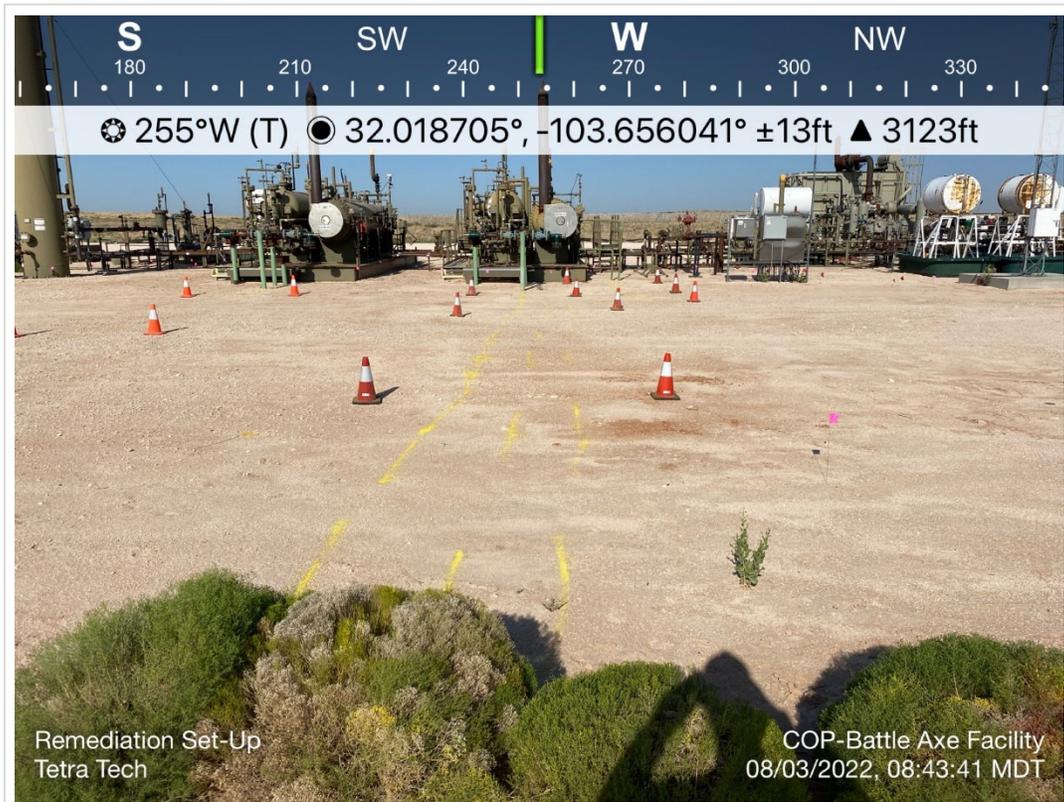
Turnaround Time: _____ Standard Bacteria (only) Sample Condition Cool Intact Yes No

Thermometer ID #113 Correction Factor -0.0°C 24h STAT
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

APPENDIX E

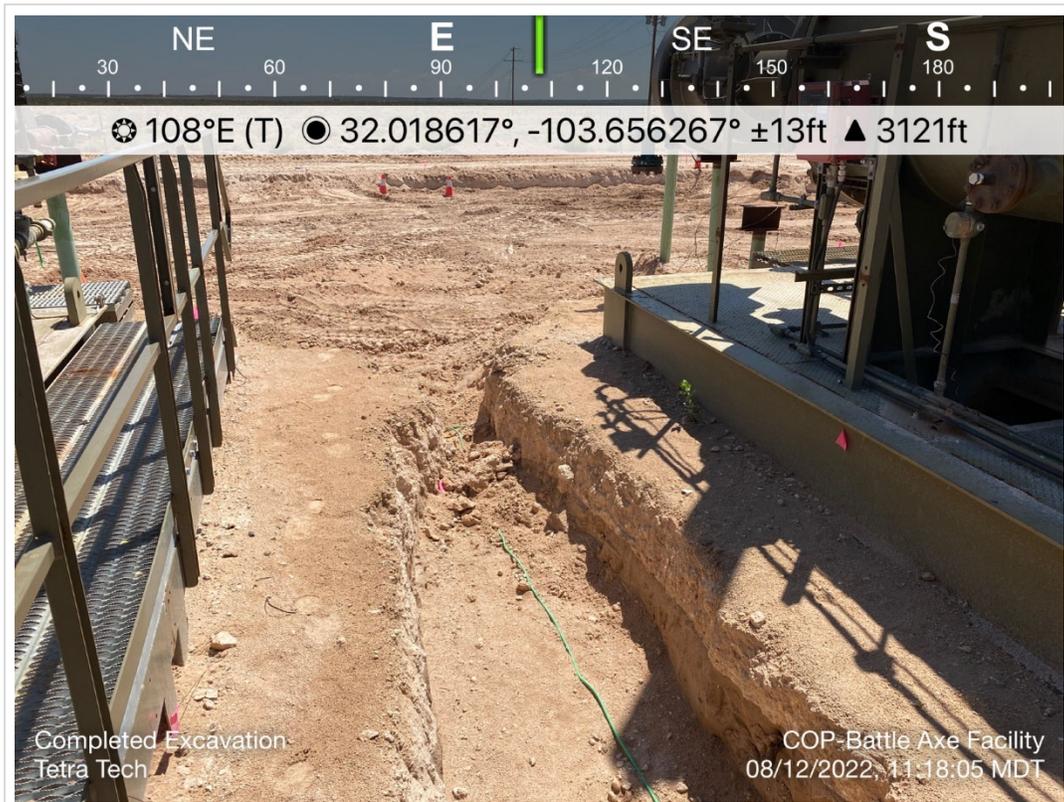
Photographic Documentation



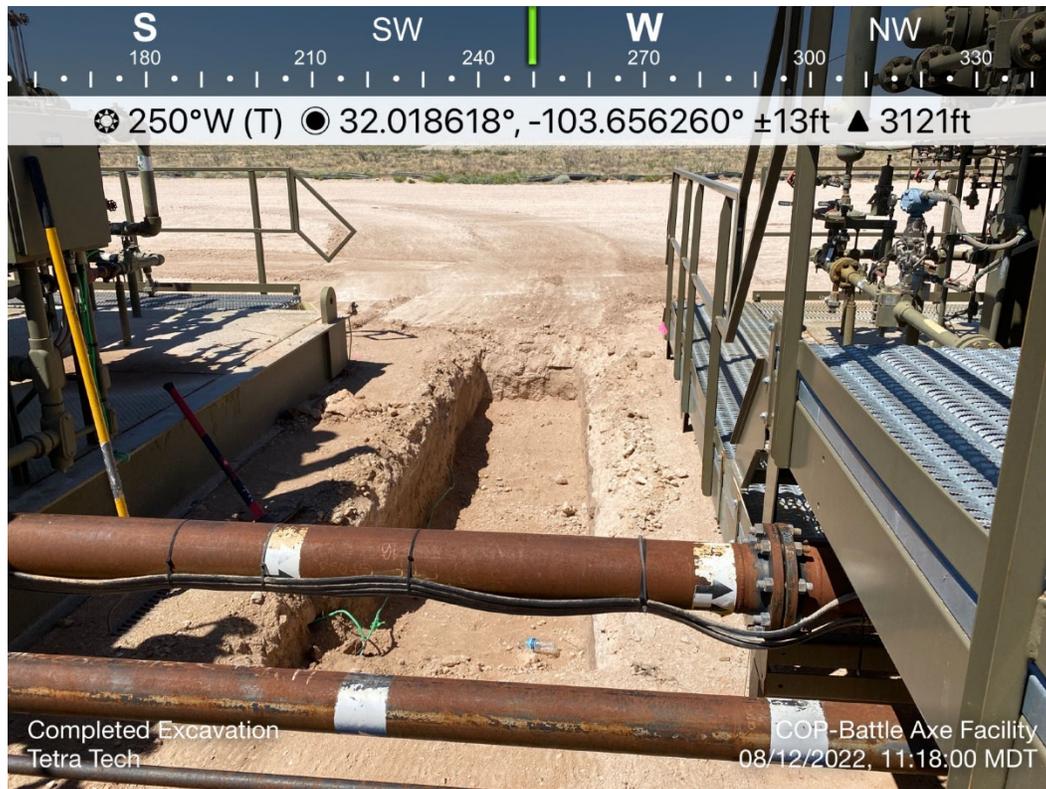
TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View west. Hand-dig buffer zones in place, one-call markings.	1
	SITE NAME	ConocoPhillips Battle Axe Facility	08/03/2022



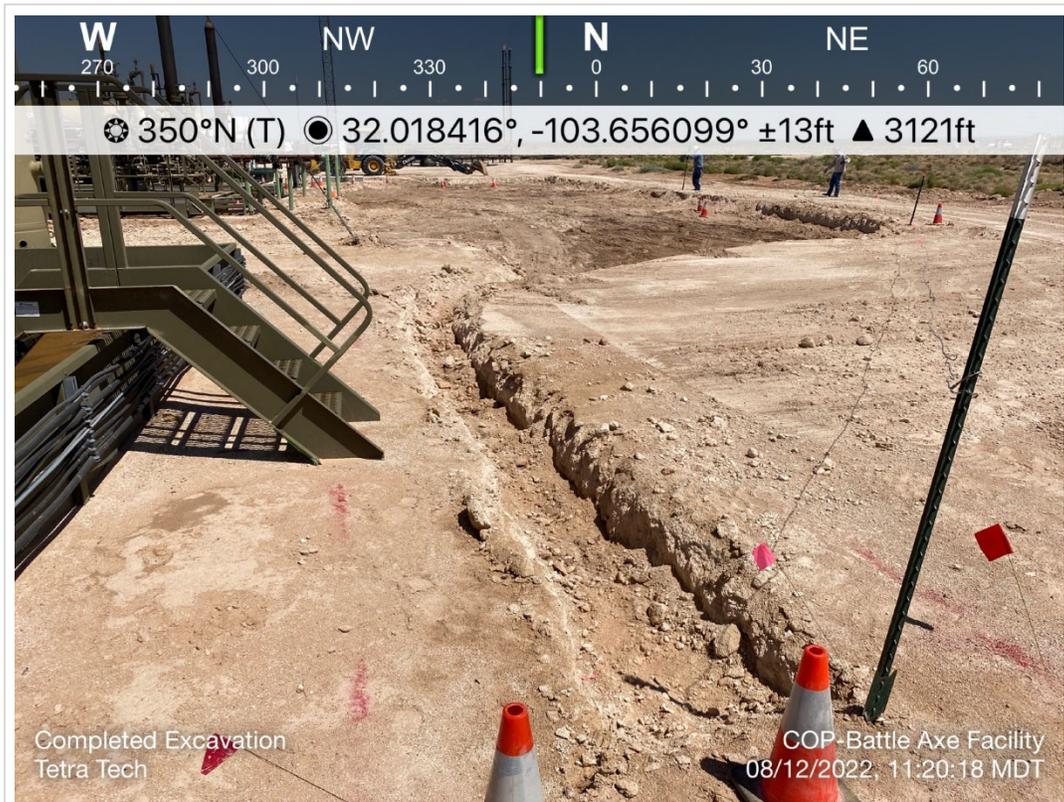
TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View east-southeast. Excavated release footprint.	2
	SITE NAME	ConocoPhillips Battle Axe Facility	08/12/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View east. Completed 2' portion of excavation.	3
	SITE NAME	ConocoPhillips Battle Axe Facility	08/12/2022



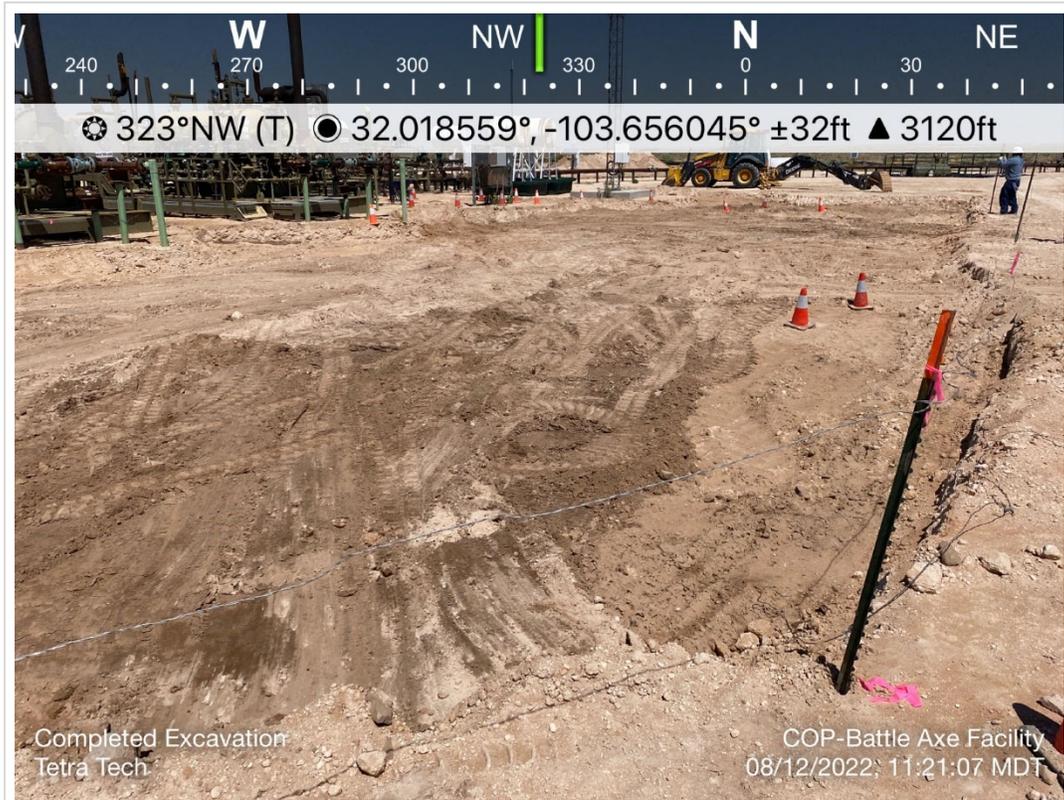
TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View west-southwest. Western extent of 2' portion of excavation.	4
	SITE NAME	ConocoPhillips Battle Axe Facility	08/12/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View north. Southern extent of 1' excavation.	5
	SITE NAME	ConocoPhillips Battle Axe Facility	08/12/2022



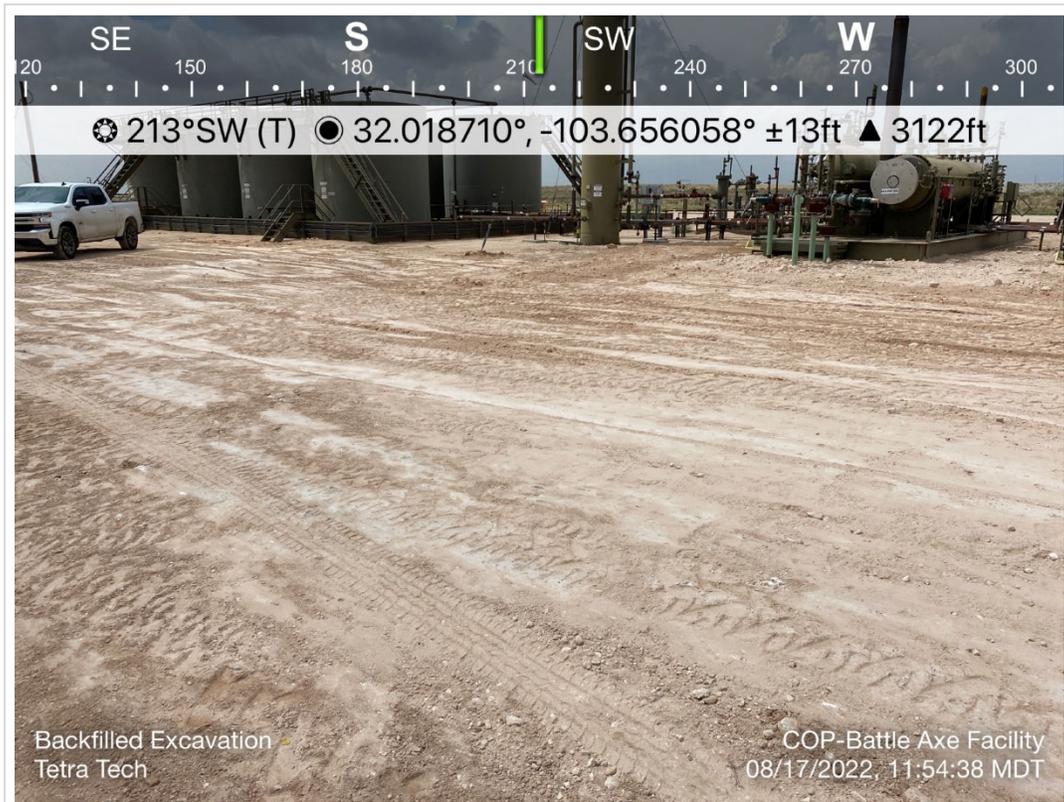
TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View west. Eastern edge of 1' excavation.	6
	SITE NAME	ConocoPhillips Battle Axe Facility	08/12/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View northwest. Southeast corner of 1' excavation.	7
	SITE NAME	ConocoPhillips Battle Axe Facility	08/12/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View southeast. Northwest portion of backfilled excavation.	8
	SITE NAME	ConocoPhillips Battle Axe Facility	08/17/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View southwest. Southern portion of backfilled excavation.	9
	SITE NAME	ConocoPhillips Battle Axe Facility	08/17/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02791	DESCRIPTION	View north. Southern portion of backfilled excavation.	10
	SITE NAME	ConocoPhillips Battle Axe Facility	08/17/2022

APPENDIX F Waste Manifests



MILESTONE
ENVIRONMENTAL SERVICES

SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

N^o 1874824

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: CONOCO Generator Phone No: 515-319-9393

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: CONOCO Well No: _____

Rig Name/No: BATTLE HILL FACILITY API/AFE No: _____

County: LEA Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep: _____ Printed Name of Generator Rep: COOPER Phone Number of Generator Rep: 515-319-9393

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 9 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Fines/Solids Flowback – Clean (<1% solids) Flowback – Dirty (>1% solids) Produced Saltwater – Dirty (>1% solids) Fresh Water – Clean (<1% solids) Fresh Water – Dirty (>1% solids) Water-based Mud/Pit Waste Oily Dirty Water Produced Saltwater – Clean (<1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: NEVALIA PARTNERS Transporter Phone No: _____

Mailing Address: HOBBS NM 88240

Location of Load Pick-up: _____ WHP Permit No: _____

Trucking Ticket No: _____ Truck No: 102 Trailer No: _____

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

Date and Time Received: 8-9-22 AM PM Driver Signature: [Signature]

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

Date and Time Received: 8-9-22 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver: [Signature]

Printed Name of Receiver: [Name]

Disposal Ticket No: 19-040120

NOTES:
1003 CSP edia



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

N^o 1874825

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: COMOCO Generator Phone No: 432-750-9943

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: BATHIE AXE FACILITY Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: LEA Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep COLTEN Phone Number of Generator Rep _____

Part 2: WASTE TYPE - TO BE COMPLETED BY GENERATOR

Washout: Yes No TOTAL VOLUME: 9 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):
 Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:
 Oil-based Mud/Pit Waste Tank Bottoms Fines/Solids Flowback - Clean (<1% solids) Flowback - Dirty (>1% solids) Produced Saltwater - Dirty (>1% solids) Fresh Water - Clean (<1% solids) Fresh Water - Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Produced Saltwater - Clean (<1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: MONABBY PARTNERS Transporter Phone No: _____

Mailing Address: HOBBS NM 88240

Location of Load Pick-up: _____ WHP Permit No: _____

Trucking Ticket No: _____ Truck No: M02 Trailer No: _____

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.
8-9-22 AM PM JR HEREDIA
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8-9-22 11:43 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver _____
Printed Name of Receiver George Rivera
Disposal Ticket No 14040133

NOTES:
ISP



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

Nº 1874826

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: COMOCO Generator Phone No: 437-250-9943

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: BATHIE AXE FACILITY Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: LEA Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep COTTON Phone Number of Generator Rep _____

Part 2: WASTE TYPE - TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 9 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Fines/Solids Flowback - Clean (<1% solids) Produced Saltwater - Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Flowback - Dirty (>1% solids) Fresh Water - Clean (<1% solids)
 Produced Saltwater - Clean (<1% solids) Fresh Water - Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: MCNABB PARTNERS Transporter Phone No: _____

Mailing Address: HOBBS N.M. 88240

Location of Load Pick-up: _____ WHP Permit No: _____

Trucking Ticket No: _____ Truck No: M07 Trailer No: _____

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

9-9-22 AM PM JP Heredia
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

9-9-22 AM PM 1:34 Washout: Yes No _____ hrs _____ BBL Solid

Date and Time Received

Signature of Receiver _____

Printed Name of Receiver _____

Disposal Ticket No 116 0410143

NOTES:
CSP



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste
www.milestone-es.com

Nº 1910374

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conoco-Phillips Generator Phone No: 281.706-5298

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battle Axe Facility Release RMR Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Lea Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep 281-206-5298

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No TOTAL VOLUME: 18 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):
 Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:
 Oil-based Mud/Pit Waste Fines/Solids Flowback – Dirty (>1% solids) Fresh Water – Clean (<1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Produced Saltwater – Clean (<1% solids) Fresh Water – Dirty (>1% solids)
 Tank Bottoms Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: Unrabb Partners Transporter Phone No: _____

Mailing Address: 5014 Campbell Hwy Hobbs NM 88240

Location of Load Pick-up: Battle Axe Facility Release WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: _____ Trailer No: _____

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

Date and Time Received: 8-30-22 AM PM Driver Signature: [Signature]

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

Date and Time Received: 8/30/22 10:24 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver: _____

Printed Name of Receiver: _____

Disposal Ticket No: 14-010203

NOTES: [Signature]



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

Nº 1910375

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: conoco-Phillips Generator Phone No: 281-206-5298

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battle-Axe Facility Release Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Lea Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep 281-206-5298

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No TOTAL VOLUME: 18 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Fines/Solids Flowback – Dirty (>1% solids) Fresh Water – Clean (<1% solids)
 Oily Dirty Water Produced Saltwater – Clean (<1% solids) Fresh Water – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: North Partners Transporter Phone No: _____

Mailing Address: 5014 Combed Hwy Hobbs, NM 88240

Location of Load Pick-up: Battle-Axe Facility Release WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: 176 Trailer No: 181

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

8-10-22 AM PM Driver Signature [Signature]
Date and Time Received _____

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8/10/22 17:29 AM PM Washout: Yes No _____ hrs _____ BBL Solid
Date and Time Received _____

Signature of Receiver _____

Printed Name of Receiver Joseph

Disposal Ticket No 14-040213

NOTES: DIF



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste
www.milestone-es.com

Nº 1910376

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conoco-Phillips Generator Phone No: 281-206-5298

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battle Axe Facility Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Lea Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep 281-206-5798

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 18 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Fines/Solids Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Flowback – Dirty (>1% solids) Fresh Water – Clean (<1% solids)
 Produced Saltwater – Clean (<1% solids) Fresh Water – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: McCubb-Portners Transporter Phone No: _____

Mailing Address: 5014 Central Hwy Hobbs, N.M. 58240

Location of Load Pick-up: Battle Axe Facility WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: 1476 Trailer No: 1481

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

8-10-22 AM PM [Signature]
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8/10/22 2:00 AM PM Washout: Yes No _____ hrs _____ BBL Solid
Date and Time Received

[Signature]
Signature of Receiver

Juronic
Printed Name of Receiver

14-040223
Disposal Ticket No

NOTES:
DCF



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste
www.milestone-es.com

Nº 1910377

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: CONCRETE PITS Generator Phone No: 281-206-5298

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: BATTLE AXE FACILITY Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Lee Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep 281-206-5298

Part 2: WASTE TYPE - TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 18 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Fines/Solids Flowback - Clean (<1% solids) Produced Saltwater - Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Flowback - Dirty (>1% solids) Fresh Water - Clean (<1% solids)
 Produced Saltwater - Clean (<1% solids) Fresh Water - Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: MERRILL PORTER Transporter Phone No: _____

Mailing Address: 5014 CALDWELL HWY HOBBS NM 88240

Location of Load Pick-up: BATTLE AXE FACILITY WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: 1176 Trailer No: 1181

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

Date and Time Received: 8-11-22 AM PM Driver Signature: [Signature]

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

Date and Time Received: 8/11/22 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver: [Signature]

Printed Name of Receiver: Joseph C

Disposal Ticket No: 19-040283

NOTES: [Handwritten notes]



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste
www.milestone-es.com

Nº 1910378

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conoco-Phillips Generator Phone No: 281.206.5298

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battle Axe Facility Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Leon Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep 281.206.5298

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 18 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Fines/Solids Flowback – Dirty (>1% solids) Fresh Water – Clean (<1% solids)
 Oily Dirty Water Produced Saltwater – Clean (<1% solids) Fresh Water – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: menabb Portainers Transporter Phone No: _____

Mailing Address: 5014 Carlsbad Hwy - Hobbs, NM 8824

Location of Load Pick-up: Battle Axe Facility WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: 1176 Trailer No: 1181

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

Date and Time Received: 8-11-22 AM PM Driver Signature: [Signature]

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

Date and Time Received: 8/11/22 11:50 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver: [Signature]

Printed Name of Receiver: Josephine

Disposal Ticket No: 14-040288

NOTES: [Handwritten: LSP]



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

Nº 1910379

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conoco Phillips Generator Phone No: 281-206-5298

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battle Axe facility Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Len Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep 281-206-5298

Part 2: WASTE TYPE - TO BE COMPLETED BY GENERATOR

Washout: Yes No TOTAL VOLUME: 18 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Flowback - Clean (<1% solids) Produced Saltwater - Dirty (>1% solids)
 Water-based Mud/Pit Waste Fines/Solids Flowback - Dirty (>1% solids) Fresh Water - Clean (<1% solids)
 Oily Dirty Water Produced Saltwater - Clean (<1% solids) Fresh Water - Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: meable Partners Transporter Phone No: _____

Mailing Address: 5014 Cardhead Hwy Hobbs, NM 88240

Location of Load Pick-up: Battle Axe facility WHP Permit No: 7767

Trucking Ticket No: _____ Truck No: 1476 Trailer No: 1481

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

8-11-22 AM PM [Signature]
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8/11/22 1:56 AM PM Washout: Yes No _____ hrs _____ BBL Solid
Date and Time Received

[Signature]
Signature of Receiver

Joseph
Printed Name of Receiver

14-040298
Disposal Ticket No

NOTES:
DF



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

N^o 1880778

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conoco Phillips Generator Phone No: 432-250-9943

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battalo Aso Facility AOC-7086 Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: _____ Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep _____

Part 2: WASTE TYPE - TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 15 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Fines/Solids Flowback - Clean (<1% solids) Produced Saltwater - Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Flowback - Dirty (>1% solids) Fresh Water - Clean (<1% solids)
 Produced Saltwater - Clean (<1% solids) Fresh Water - Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: McNabb Partners Transporter Phone No: _____

Mailing Address: 5414 W. Carlstrand Hwy Hills 11M 88240

Location of Load Pick-up: _____ WHP Permit No: 2

Trucking Ticket No: _____ Truck No: M-33 Trailer No: _____

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

8-12-2022 AM PM _____
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8/12/22 10:22 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Date and Time Received

Signature of Receiver _____

Printed Name of Receiver Rosaph

Disposal Ticket No 14-010344

NOTES:
DF



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

Nº 1880779

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Cara Phillips Generator Phone No: 432-250-9943

Generator Rep Email: 63, 194

ORIGIN OF WASTE:

Lease Name: Little A-37 Facility A.C-7086 Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: _____ Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep _____

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No TOTAL VOLUME: 15 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):
 Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:
 Oil-based Mud/Pit Waste Fines/Solids Flowback – Dirty (>1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Produced Saltwater – Clean (<1% solids) Fresh Water – Clean (<1% solids)
 Tank Bottoms Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: Mauritah Partners Transporter Phone No: _____

Mailing Address: 5111 W. Carlstad Hwy H-hs, TX 75210

Location of Load Pick-up: _____ WHP Permit No: #7362

Trucking Ticket No: _____ Truck No: M-33 Trailer No: 13

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.
Date and Time Received: 8-12-2022 AM PM Driver Signature: [Signature]

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

Date and Time Received: 8-12-22 12:01 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver: Ruben M. Miramontes
Printed Name of Receiver: Ruben Miramontes
Disposal Ticket No: 14-040349

NOTES: CSP



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

Nº 1910380

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conoco-Phillips Generator Phone No: 281-206-5298

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battle Axe Facility Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Lea Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep 281-206-5298

Part 2: WASTE TYPE - TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 18 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Fines/Solids Flowback - Clean (<1% solids) Produced Saltwater - Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Flowback - Dirty (>1% solids) Fresh Water - Clean (<1% solids) Fresh Water - Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: Menabb Partners Transporter Phone No: _____

Mailing Address: 5014 Carlbad Hwy. Hobbs, NM 88240

Location of Load Pick-up: Battle Axe Facility WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: 1176 Trailer No: 1181

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

8-15-22 AM PM _____
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8/15/22 10:24 AM PM Washout: Yes No _____ hrs _____ BBL Solid
Date and Time Received

Signature of Receiver _____

Printed Name of Receiver Josaph

Disposal Ticket No 19-040576

NOTES:
DCP



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste
www.milestone-es.com

Nº 1910381

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conoco-Phillips Generator Phone No: 281-206-5298

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battle Axe Facility Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Lea Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep 281-206-5298

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 18 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Fines/Solids Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Produced Saltwater – Clean (<1% solids) Fresh Water – Clean (<1% solids)
 Fresh Water – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: McCrabb Partners Transporter Phone No: _____

Mailing Address: 5014 Comstock Hwy, Hobbs N-M 88240

Location of Load Pick-up: Battle Axe WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: 176 Trailer No: 181

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

8-15-22 AM PM [Signature]
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8/15/22 1:33 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver _____

Printed Name of Receiver Josopne

Disposal Ticket No 14-040591

NOTES:
DCP



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

Nº 1910382

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Convelo Phillips Generator Phone No: 281-206-5298

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battle Axe Facility Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Lea Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep 281-206-5298

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 18 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Fines/Solids Flowback – Dirty (>1% solids) Fresh Water – Clean (<1% solids)
 Oily Dirty Water Produced Saltwater – Clean (<1% solids) Fresh Water – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: Movabb Postivers Transporter Phone No: _____

Mailing Address: 5014 Carlshol Hart Halls, N.M 88240

Location of Load Pick-up: Battle Axe WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: 1276 Trailer No: 1281

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

8-15-22 AM PM [Signature]
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8/15/22 3:03 AM PM Washout: Yes No _____ hrs _____ BBL Solid
Date and Time Received

Signature of Receiver _____

Printed Name of Receiver Sasone

Disposal Ticket No 14-040596

NOTES:
DCF



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

Nº 1880780

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conoco Phillips Generator Phone No: _____

Generator Rep Email: _____ 63,628

ORIGIN OF WASTE:

Lease Name: Battle Axel Facility AOC-7086 Well No: _____ 261

Rig Name/No: _____ API/AFE No: _____

County: Lea Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep _____

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No TOTAL VOLUME: 15 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Fines/Solids Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Flowback – Dirty (>1% solids) Fresh Water – Clean (<1% solids)
 Produced Saltwater – Clean (<1% solids) Fresh Water – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: McNabb Partner's Transporter Phone No: _____

Mailing Address: 5914 W. Carlshad Hwy Hobbs, NM

Location of Load Pick-up: _____ WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: m-33 Trailer No: _____

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

8-16-2022 AM PM Jesus Cisneros
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8/16/22 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Date and Time Received

Signature of Receiver

Printed Name of Receiver Josepnc

Disposal Ticket No 19-040665

NOTES:
DCP



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste
www.milestone-es.com

Nº 1880781

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conce Phillips Generator Phone No: _____

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Battle Axe Facility AOC-7086 Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Loa Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep _____

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 15 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Fines/Solids Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Oily Dirty Water Flowback – Dirty (>1% solids) Fresh Water – Clean (<1% solids)
 Produced Saltwater – Clean (<1% solids) Fresh Water – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: McWabb Partners Transporter Phone No: _____

Mailing Address: 5414 W. Carlsbad Hwy

Location of Load Pick-up: _____ WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: m-33 Trailer No: _____

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

Date and Time Received: 8-16-2022 AM PM Driver Signature: Jesus Cisneros

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

Date and Time Received: 8/16/22 11:43 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver: Susepne

Printed Name of Receiver: _____

Disposal Ticket No: 19-040673

NOTES:
DCP



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

Nº 1880782

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conce Phillips Generator Phone No: _____

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Rattle Ate Facility Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: Loa Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep _____

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No

TOTAL VOLUME: 15 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Fines/Solids Flowback – Dirty (>1% solids) Fresh Water – Clean (<1% solids)
 Oily Dirty Water Produced Saltwater – Clean (<1% solids) Fresh Water – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: McDabb Partner's Transporter Phone No: _____

Mailing Address: 5414 W. Fairbairn Hwy Hobbs, NM

Location of Load Pick-up: _____ WHP Permit No: #7362

Trucking Ticket No: _____ Truck No: M-33 Trailer No: _____

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

4-16-22 AM PM Jesus Cisneros
Date and Time Received Driver Signature

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

8/16/22 1:51 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver _____

Printed Name of Receiver Susanne

Disposal Ticket No 19-040684

NOTES:
DCP



SHIPPING CONTROL TICKET

For Shipment of Non-Hazardous Oilfield Waste

www.milestone-es.com

Nº 1705224

Part 1: TO BE COMPLETED BY GENERATOR

Generator Name: Conoco Phillips Generator Phone No: 231-206-5295

Generator Rep Email: _____

ORIGIN OF WASTE:

Lease Name: Dottle Hoo Facility Well No: _____

Rig Name/No: _____ API/AFE No: _____

County: _____ Destination Company: Milestone Environmental Services, LLC

GENERATOR REP CERTIFICATION: I CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature of Generator Rep _____ Printed Name of Generator Rep _____ Phone Number of Generator Rep _____

Part 2: WASTE TYPE – TO BE COMPLETED BY GENERATOR

Washout: Yes No TOTAL VOLUME: 10 Yards Bbls

SOLIDS, CEMENTS, AND GELS (LANDFILL FACILITIES ONLY):

Drill Cuttings Contaminated Soil Cement-contaminated Fluid Frac Gel-contaminated Fluid

LIQUID WASTES:

Oil-based Mud/Pit Waste Tank Bottoms Flowback – Clean (<1% solids) Produced Saltwater – Dirty (>1% solids)
 Water-based Mud/Pit Waste Fines/Solids Flowback – Dirty (>1% solids) Fresh Water – Clean (<1% solids)
 Oily Dirty Water Produced Saltwater – Clean (<1% solids) Fresh Water – Dirty (>1% solids)

Part 3: TO BE COMPLETED BY TRANSPORTER

Transporter Name: M/A Mule Hole Transporter Phone No: 575-290-5776

Mailing Address: _____

Location of Load Pick-up: Log County WHP Permit No: 7362

Trucking Ticket No: _____ Truck No: M-32 Trailer No: _____

THE FOLLOWING STATEMENT MUST BE SIGNED BY TRUCK DRIVER PRIOR TO UNLOADING AT DISPOSAL SITE:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS TRUCK SINCE LOADING OF THE MATERIAL DESCRIBED IN PART 2 ABOVE.

Date and Time Received: 8-17-22 AM PM Driver Signature: _____

Part 4: TO BE COMPLETED BY DISPOSAL FACILITY

CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN AN AUTHORIZED MANNER AT A PERMITTED MILESTONE SITE.

Date and Time Received: 8/17/22 12:31 AM PM Washout: Yes No _____ hrs _____ BBL Solid

Signature of Receiver: _____
Printed Name of Receiver: Joseph
Disposal Ticket No: 14-040761

NOTES: DOP

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 140915

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 140915
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	9/9/2022