TETRA TECH

March 7, 2023

District Supervisor
Oil Conservation Division, District 2
506 W. Texas Ave.
Artesia, New Mexico 88210

Re: Closure Report
ConocoPhillips
James E Upper Battery Release
Unit Letter M, Section 12, Township 22 South, Range 30 East
Eddy County, New Mexico
Incident ID# NAPP2202446534

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred from the James E Upper Battery. The release footprint is located in Public Land Survey System (PLSS) Unit Letter M, Section 12, Township 22 South, Range 30 East, in Eddy County, New Mexico (Site). The approximate release point occurred at coordinates 32.408505°, -103.840308°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release occurred as the result of a failure from the pop off (pressure release valve) on the production separator and was discovered on January 1, 2022. Approximately, 61 barrels (bbls) of crude oil were reported released, of which no bbls were recovered. The release extent was described in the spill calculator as equaling 24,520 square feet. The New Mexico Oil Conservation District (NMOCD) received the C-141 report form for the release on January 6, 2022. The NMOCD Incident ID for this release is NAPP2202446534.

Prior to the January 1, 2022 discovery of the NAPP2202446534 release, two releases associated with Incident ID NAPP2129846676 and Incident ID NAPP2200639375 were discovered on October 12, 2021 and December 20, 2021, respectively, in the same general area. The NAPP2200639375 release was due to the failure of the pop off (pressure release valve) on the production separator, and the NAPP2129846676 was due to a water dump valve malfunction. The October 2021 and December 2021 releases will be addressed in separate reports.

LAND OWNERSHIP

The Site is located on land owned by the Bureau of Land Management (BLM). Following the October 2021 release, an archaeological survey within the pasture was requested by the BLM. The BLM cleared the Site for remediation activities following a review of the survey which was conducted on November 11, 2021. A second archeological survey was requested following the December and January 2021 releases. The additional survey was completed on February 2, 2022, and the BLM cleared the Site for assessment and/or remediation activities in April 2022.

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SITE CHARACTERIZATION

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

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within ½ mile (800 meters) of the Site. There is one (1) water well within 3.1 miles (5,000 meters) of the site with a depth to groundwater of 262 feet below ground surface (bgs). As the available water level information was from a well further than ½ mile away from the Site, COP elected to drill a boring associated with the assessment to depth for groundwater verification. On September 8, 2022, a licensed drilling subcontractor was onsite to a drill this borehole (DTW) to 55 feet bgs. The borehole was located just outside the reported release footprint. The borehole was dry upon completion, and soils were dry from surface to total depth. The depth to groundwater in the area was thus verified as greater than 55 feet bgs. The borehole was plugged with 3/8" bentonite chips. The borehole coordinates are 32.408324°, -103.841301° and the boring location is indicated on Figure 3. The site characterization data, along with the boring log, is included in Appendix B.

REGULATORY FRAMEWORK

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

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

Constituent	Site RRAL
Chloride	10,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

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

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

INITIAL RESPONSE

In accordance with 19.15.29.8. B. (4) NMAC that states "the responsible party may commence remediation immediately after discovery of a release", COP elected to begin remediation of the impacted area footprint in 2022. The combined release extents, NAPP2202446534 and NAPP2200639375, consisted of approximately 21,700 square feet of oil-gas lease pad and roughly 32,400 square feet of pastureland.

Initial response remedial actions were performed at the release site between January and February 2022. Visibly stained areas were scraped to remove impacted materials. On-pad areas were scraped to approximately 3 to 6 inches below ground surface, resulting in approximately 181 cubic yards of contaminated soil being removed and sent to R360 Halfway Facility in Hobbs, New Mexico. The initial response area is indicated in Figure 3. Photographic Documentation of the scrape is found in Appendix C.

INITIAL SITE ASSESSMENT ACTIVITIES AND RESULTS

Tetra Tech personnel were onsite to delineate and sample the release area on August 9, 2022. A total of twenty-two (22) soil borings (AH-1 through AH-19) were installed using a hand auger within and around the release to evaluate the vertical and horizontal extent of the release. AH-3, AH-4, AH-6, AH-7 and AH-8 were installed within the release extent to assess the vertical extent of impact. The remainder of the borings were installed around the perimeter of the release footprint to delineate the horizontal extent of impacted soil. The boring locations are shown on Figure 4.

A total of twenty-eight (28) samples were collected from the sample locations and transferred under chain of custody and analyzed within appropriate holding times by Cardinal Laboratories (Cardinal). The soil samples were analyzed for TPH via Method 8015 Modified, chloride via Method SM4500Cl-B, and BTEX via Method 8021B.

Results from the August 2022 soil sampling event are summarized in Table 1. Analytical results associated with boring location AH-8 exceeded the proposed Site RRALs for TPH in soils. Additionally, results associated with AH-4, AH-7, AH-15 and AH-23 exceeded the proposed RRAL for TPH. All other analytical results from the August 2022 sampling were below Site RRALs. While horizontal delineation of the release area was successful, vertical delineation was not achieved during the August 2022 sampling event due to the TPH exceedances from boring location AH-8.

ADDITIONAL SITE ASSESSMENT ACTIVITIES AND RESULTS

Tetra Tech personnel returned to the Site to complete vertical delineation of the release area on September 14 through 26, 2022. A total of eleven (11) soil borings (BH-1 through BH-7 and AH-20 through AH-23) within the release footprint to a maximum depth of 30 feet bgs. The boring locations are shown on Figure 4.

A total of forty-seven (47) samples were collected from the seven boring locations and transferred under chain of custody and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH via Method 8015 Modified, chloride via Method SM4500Cl-B, and BTEX via Method 8021B.

Results from the September 2022 soil sampling event are summarized in Table 2. Analytical results associated with boring locations BH-1 and BH-2 exceeded the RRAL for TPH and/chloride down to a depth of 3 feet bgs. Results from BH-5 and BH-6 exceeded the RRAL for TPH at the 0-1' sample depth interval. All other analytical results from the September 2022 sampling event were below Site RRALs. Analytical results from BH-1, as well as other borings, at depth were below delineation standards for TPH, BTEX and chloride. Following the September 2022 assessment activities, the release is considered delineated.

REMEDIATION WORK PLAN AND ALTERNATIVE CONFIRMATION SAMPLING PLAN

The Release Characterization Work Plan (Work Plan) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on October 24, 2022, with fee application payment PO Number 4XXI0-221024-C-1410. The Work Plan described the results of the initial response activities, release assessment and provided characterization of the impact at the site. The Work Plan was approved via email by Jennifer Nobui of the NMOCD on Tuesday, December 6, 2022, with the following condition:

- *Remediation Plan Approved with Conditions. Sidewall samples should be delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release, regardless of depth to groundwater. Variance has been approved: composite confirmation samples will be collected*

from the bottom of the excavation from areas representing no more than four hundred (400) square feet; sidewalls no more than two hundred (200) square feet.

Documentation of associated regulatory correspondence is included in Appendix D.

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From February 1 to February 17, 2023, Tetra Tech personnel were onsite to supervise the remediation activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, on January 27, 2023, the NMOCD 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 D.

Per the approved Work Plan, impacted soils were excavated as shown in Figure 5. The area within the release footprint were excavated to depths ranging from 2 to 5 feet below surrounding grade. As prescribed in the approved Work Plan, impacted soils within the vicinity of the subsurface lines which intersect the release footprint were dug by hand to the proposed depth. All excavated material was transported offsite for proper disposal. Approximately 1,394 cubic yards of material were transported to the R360 Facility in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix E.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per the conditions of the Work Plan approval, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 400 square feet of excavated area. A total of twenty-four (24) confirmation floor samples and forty-one (41) confirmation sidewall samples were collected during 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 and depths and confirmation sample locations are indicated in Figure 5.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. The analytical results were directly compared to the established Site RRALs and reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The results of the February 2023 confirmation sampling event are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

RECLAMATION ACTIVITIES

Once confirmation sampling activities were completed and associated analytical results were below the RRALs and/or reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations, the excavated areas were backfilled with clean material to surface grade.

As prescribed in the Work Plan, the off-pad backfilled areas were seeded in February 2023 to aid in revegetation. Based on the location of the Site, the seed mixture for LPC Sand/Shinnery Sites was used for seeding and planted in the amount specified in the pounds pure live seed per acre. Photographic documentation of the excavated areas prior to and immediately following placement of backfill and seeding are provided in Appendix C.

Site inspections will be performed to assess the revegetation progress and evaluate the Site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective method for eradication. If the Site does not show revegetation after one growing season the area will be reseeded as appropriate.

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 for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2861.

Sincerely,
Tetra Tech, Inc.

Ryan C Dickerson
Project Lead

Christian M. Llull, P.G.
Project Manager

cc:
Mr. Sam Widmer, RMR – ConocoPhillips
Mr. Charles Beauvais, GPBU – ConocoPhillips
Ms. Shelly Tucker, BLM

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map
Figure 2 – Site Location/Topographic Map
Figure 3 – Approximate Release Extent and Initial Response
Figure 4 – Site Assessment
Figure 5 – Remediation Extents and Confirmation Sampling

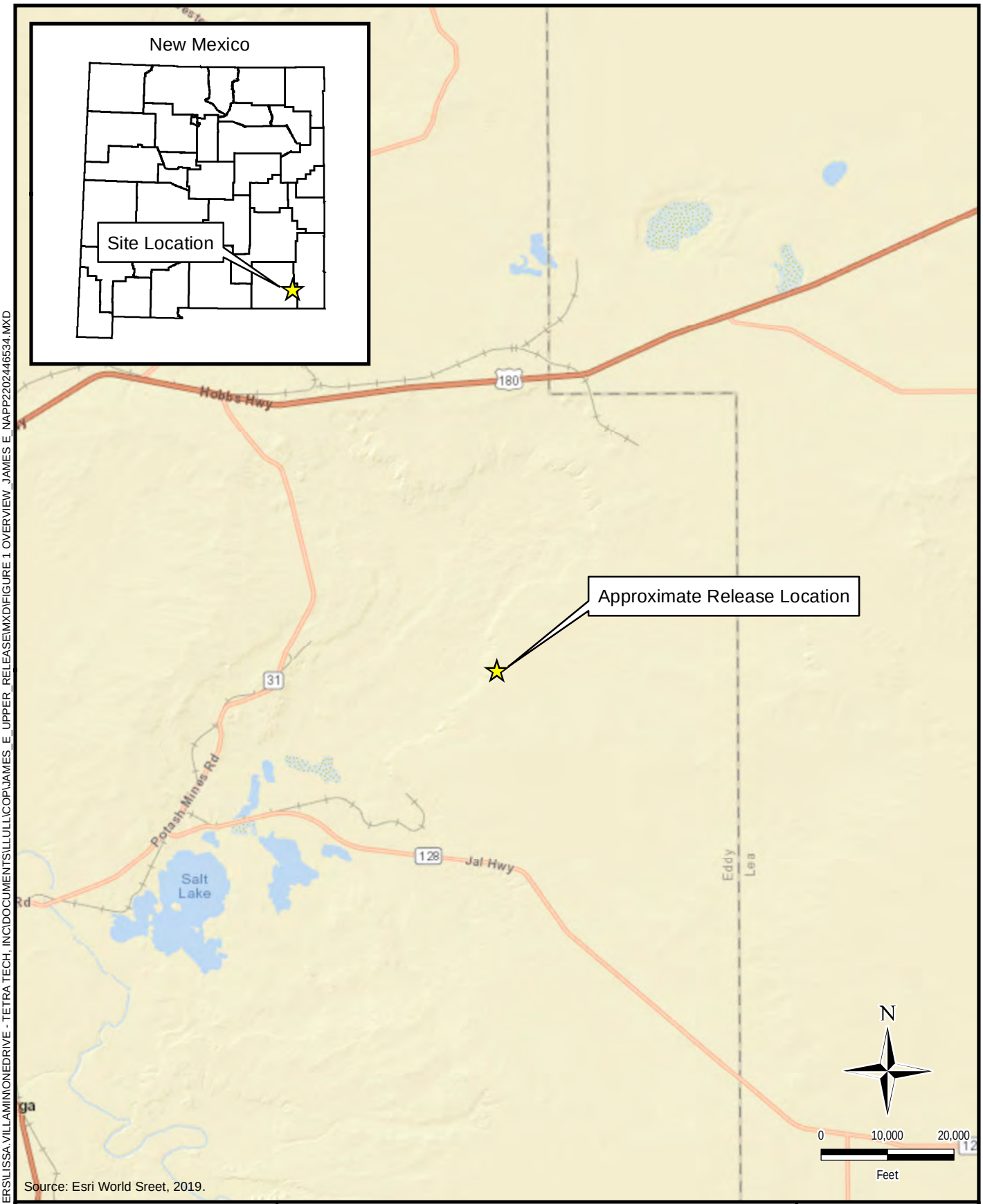
Tables:

Table 1 – Summary of Analytical Results – Initial Soil Assessment
Table 2 – Summary of Analytical Results – Additional Soil Assessment
Table 3 – Summary of Analytical Results – Confirmation Sampling

Appendices:

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

FIGURES



DOCUMENT PATH: C:\USERS\LISSA.VILLAMINONEDRIVE - TETRA TECH, INC\DOCUMENTS\LULU\COP\JAMES_E_UPPER_RELEASE\MXD\FIGURE 1 OVERVIEW_JAMES E_NAPP2202446534.MXD

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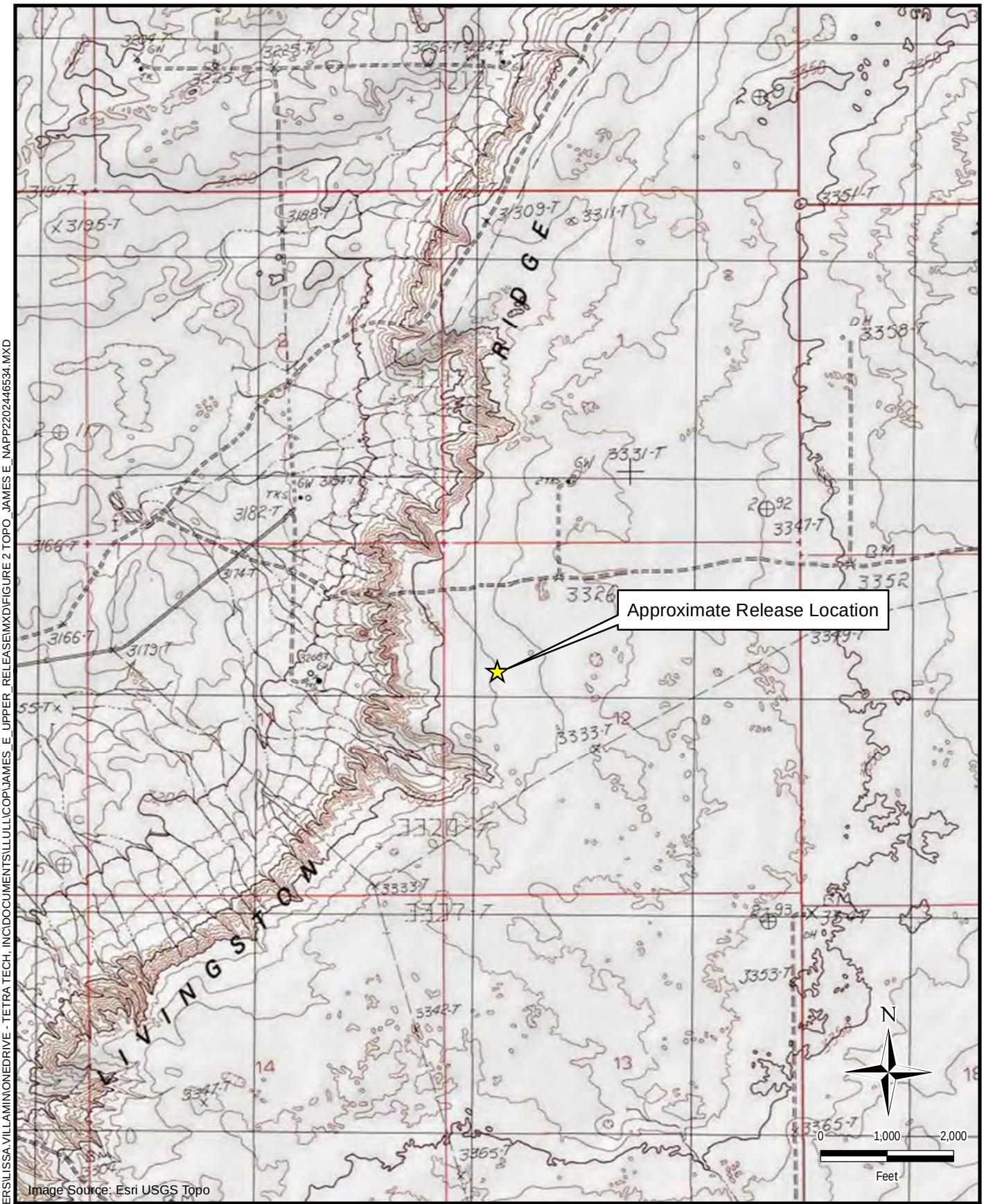
CONOCOPHILLIPS

NAPP2202446534
(32.408505°, -103.840308°)
EDDY COUNTY, NEW MEXICO

JAMES E UPPER BATTERY RELEASE
OVERVIEW MAP

PROJECT NO.:	212C-MD-02793
DATE:	SEPTEMBER 28, 2022
DESIGNED BY:	LMV

Figure No.
1



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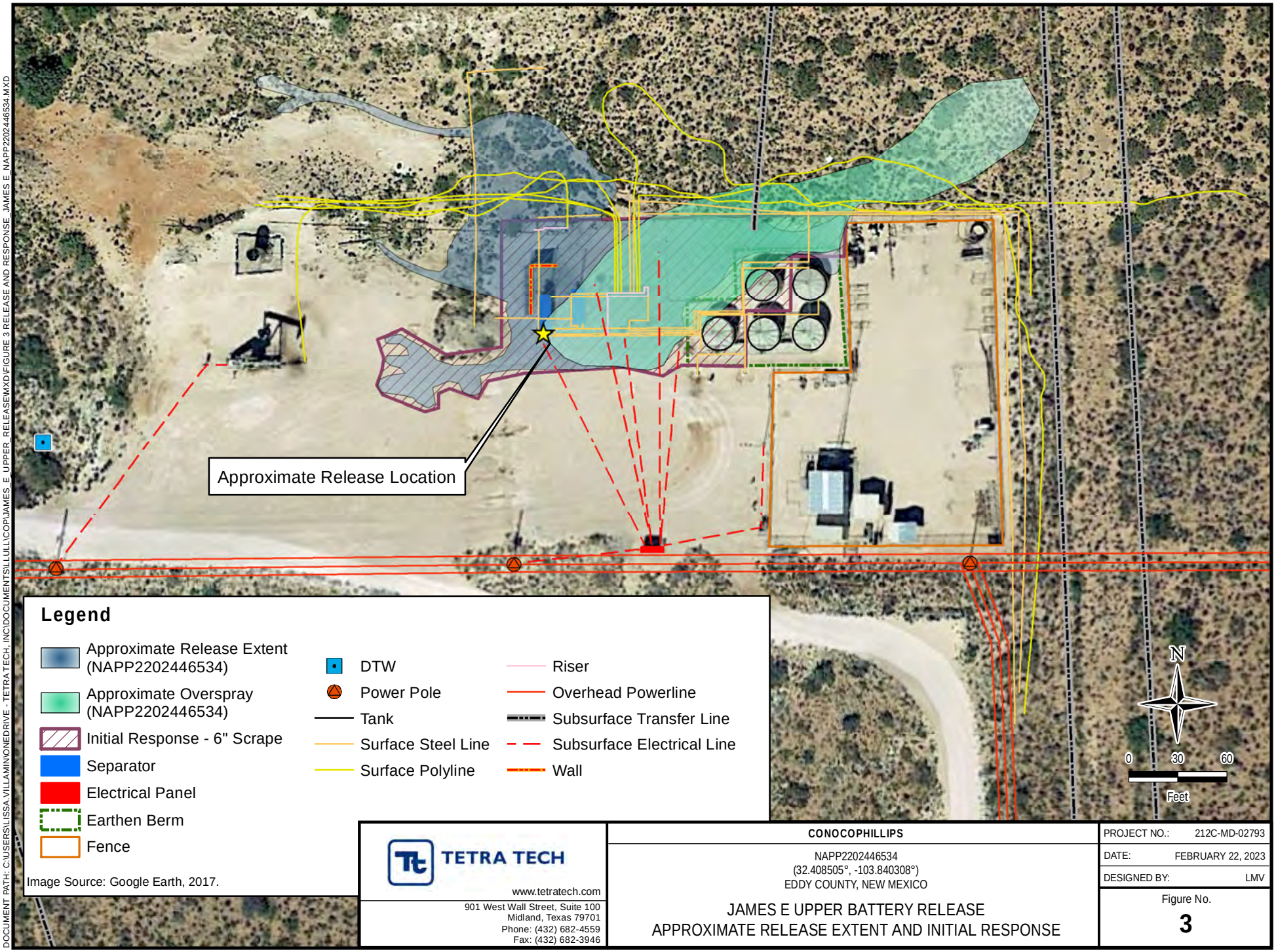
CONOCOPHILLIPS

NAPP2202446534
(32.408505°, -103.840308°)
EDDY COUNTY, NEW MEXICO

JAMES E UPPER BATTERY RELEASE
TOPOGRAPHIC MAP

PROJECT NO.:	212C-MD-02793
DATE:	SEPTEMBER 28, 2022
DESIGNED BY:	LMV

Figure No.
2



DOCUMENT PATH: C:\USERS\LISSA.VILLAMINO\ONEDRIVE - TETRA TECH, INC\DOCUMENTS\LULLICOP\JAMES_E_UPPER_RELEASE\MXD\FIGURE 3 RELEASE AND RESPONSE_JAMES E_NAPP2202446534.MXD

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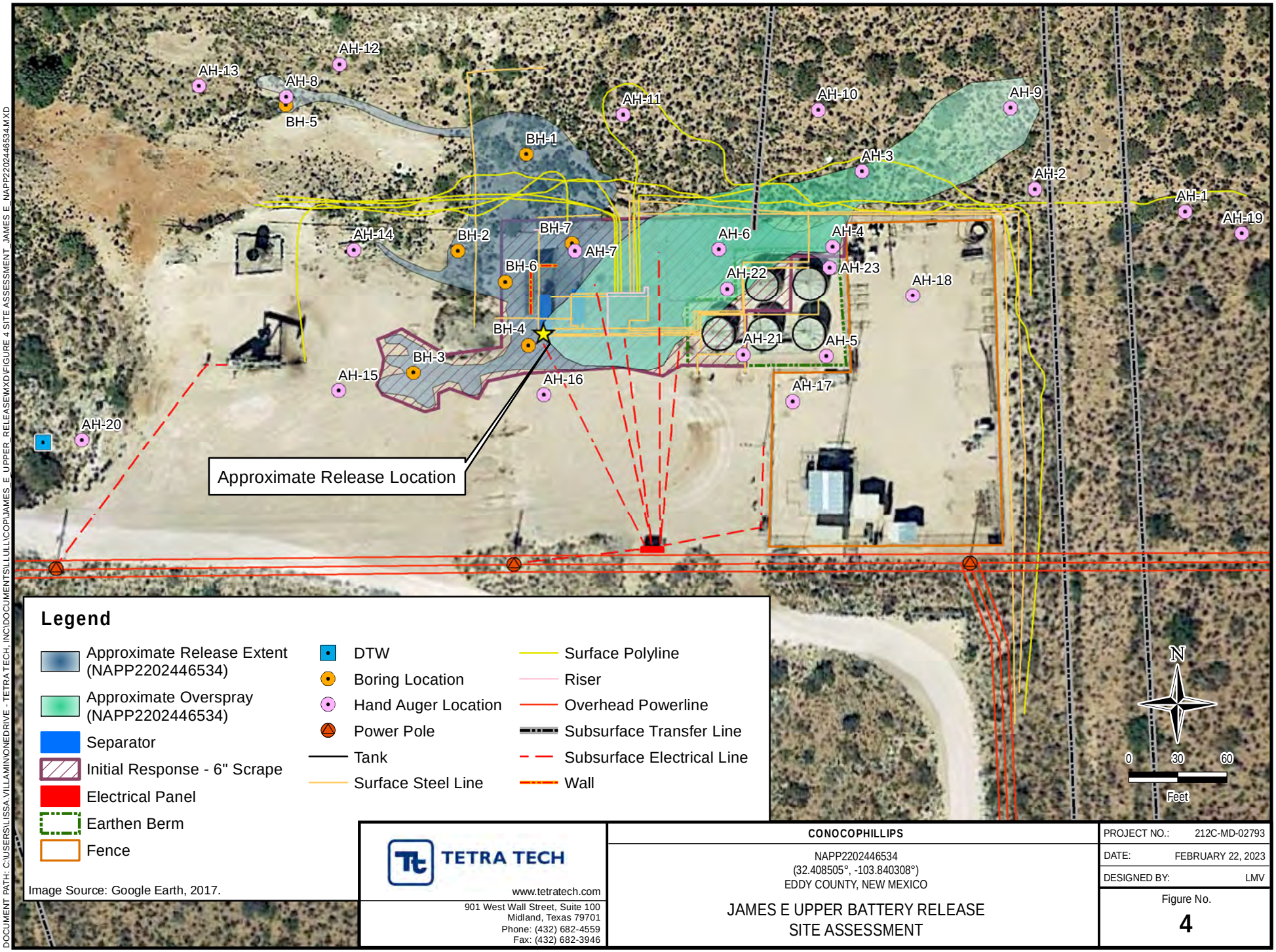
CONOCOPHILLIPS

NAPP2202446534
(32.408505°, -103.840308°)
EDDY COUNTY, NEW MEXICO

JAMES E UPPER BATTERY RELEASE
APPROXIMATE RELEASE EXTENT AND INITIAL RESPONSE

PROJECT NO.:	212C-MD-02793
DATE:	FEBRUARY 22, 2023
DESIGNED BY:	LMV

Figure No.
3



DOCUMENT PATH: C:\USERS\ILISSA.VILLAMINO\ONEDRIVE - TETRA TECH, INC\DOCUMENTS\LLULLICOP\JAMES E_UPPER_RELEASE\MXD\FIGURE 4 SITE ASSESSMENT_JAMES E_NAPP2202446534.MXD

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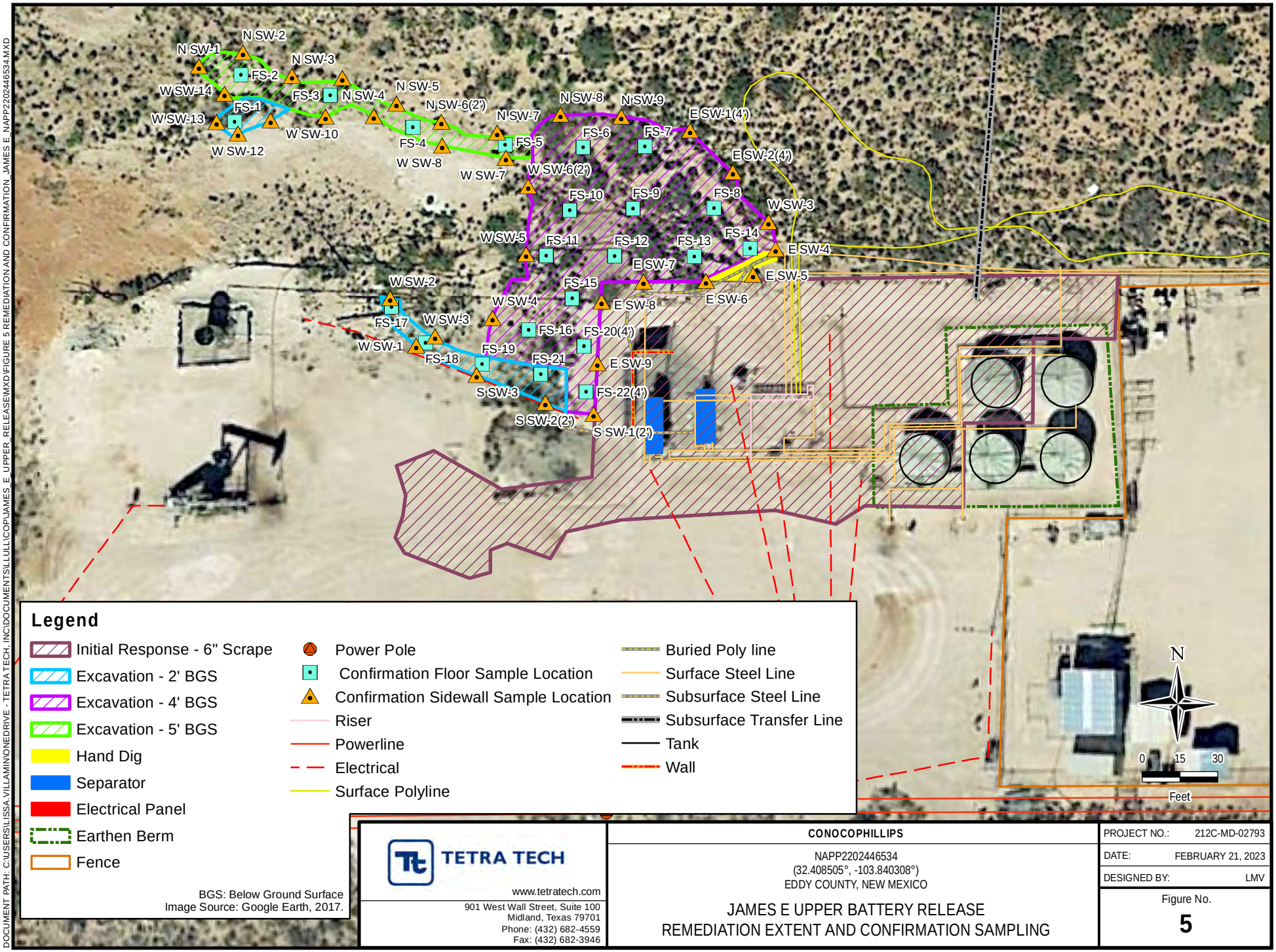
CONOCOPHILLIPS

NAPP2202446534
(32.408505°, -103.840308°)
EDDY COUNTY, NEW MEXICO

JAMES E UPPER BATTERY RELEASE
SITE ASSESSMENT

PROJECT NO.:	212C-MD-02793
DATE:	FEBRUARY 22, 2023
DESIGNED BY:	LMV

Figure No.
4



Legend

- Initial Response - 6" Scrape
- Excavation - 2' BGS
- Excavation - 4' BGS
- Excavation - 5' BGS
- Hand Dig
- Separator
- Electrical Panel
- Earthen Berm
- Fence
- Power Pole
- Confirmation Floor Sample Location
- Confirmation Sidewall Sample Location
- Riser
- Powerline
- Electrical
- Surface Polyline
- Buried Poly line
- Surface Steel Line
- Subsurface Steel Line
- Subsurface Transfer Line
- Tank
- Wall

BGS: Below Ground Surface
Image Source: Google Earth, 2017.

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINO\ONEDRIVE - TETRA TECH, INC\DOCUMENTS\LULLICOP\JAMES E UPPER RELEASE\MXD\FIGURE 5 REMEDIATION AND CONFIRMATION JAMES E NAPP2202446534.MXD

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EDDY COUNTY, NEW MEXICO

JAMES E UPPER BATTERY RELEASE
REMEDIATION EXTENT AND CONFIRMATION SAMPLING

PROJECT NO.:	212C-MD-02793
DATE:	FEBRUARY 21, 2023
DESIGNED BY:	LMV

Figure No.
5

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT - NAPP2202446534
CONOCOPHILLIPS
JAMES E UPPER BATTERY RELEASE
EDDY COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride[1]		BTEX[2]										TPH[3]									
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C_6 - C_{10}		DRO $>C_{10}$ - C_{28}		EXT DRO $>C_{28}$ - C_{36}		(GRO+DRO)		Total TPH (GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		mg/kg	
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:	*600 mg/kg*		*< 10 mg/kg*		--		--		--		*< 50 mg/kg*		--		--		--		--		*100 mg/kg*	
		Closure Criteria for Soils >4' bgs (GW 51-100 ft):	*10,000 mg/kg*		*< 10 mg/kg*		--		--		--		*< 50 mg/kg*		--		--		--		*1000 mg/kg*		*2500 mg/kg*	
AH-1	8/9/2022	0-1	16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
		2-3	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-2	8/9/2022	0-1	16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
		2-3	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-3	8/9/2022	0-1	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
		2-3	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-4	8/9/2022	0-1	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		279		220		279		499	
		2-3	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		43.1		35.5		43.1		78.6	
AH-5	8/9/2022	0-1	16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
		2-3	16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-6	8/9/2022	0-1	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
		2-3	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-7	8/9/2022	0-1	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		22.5		11.7		22.5		34.2	
		2-3	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		113		59.9		113		173	
AH-8	8/9/2022	0-1	352		< 0.500		< 0.500		4.05	GC-NC1	24.7	GC-NC1	28.7	GC-NC1	***3,110***		***32,900***		6,700		***36,010***		***42,710***	
		2-3	576		< 0.050		< 0.050		< 0.050		0.531	GC-NC1	0.531	GC-NC1	< 50.0		***1470***		412		***1470***		***1,882***	
		4-5	544		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 50.0		***1040***		292		***1040***		1,332	
AH-9	8/9/2022	0-1	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		12.8		< 10.0		12.8		12.8	
AH-10	8/9/2022	0-1	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-11	8/9/2022	0-1	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-12	8/9/2022	0-1	16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-13	8/9/2022	0-1	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-14	8/9/2022	0-1	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-15	8/9/2022	0-1	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		184		130		184		314	
AH-16	8/9/2022	0-1	112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		15.2		< 10.0		15.2		15.2	
AH-17	8/9/2022	0-1	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-18	8/9/2022	0-1	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0				-	
AH-19	8/9/2022	0-1	48.0		< 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

Bold and italicized values indicate exceedance of proposed Site RRALs.

QUALIFIERS:

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
ADDITIONAL SOIL ASSESSMENT - NAPP2202446534
CONOCOPHILLIPS
JAMES E UPPER BATTERY RELEASE
EDDY COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride[1]		BTEX[2]										TPH[3]									
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C_6 - C_{10}		DRO > C_{10} - C_{28}		EXT DRO > C_{28} - C_{36}		(GRO+DRO)		Total TPH (GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		mg/kg	
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:	*600 mg/kg*		*< 10 mg/kg*		--		--		--		*< 50 mg/kg*		--		--		--		--		*100 mg/kg*	
		Closure Criteria for Soils >4' bgs (GW 50-100 ft):	*10,000 mg/kg*		*< 10 mg/kg*		--		--		--		*< 50 mg/kg*		--		--		--		*1000 mg/kg*		*2500 mg/kg*	
BH-1	9/13/2022	0-1	208		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		128		76.7		128		***205***	
		2-3	***896***		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		13.0		< 10.0		13		13.0	
		4-5	1,410		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		6-7	1,390		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		9-10	1,710		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		14-15	1,630		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		19-20	544		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		24-25	560		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		29-30	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
BH-2	9/14/2022	0-1	***672***		< 0.050		< 0.050		< 0.050	GC-NC	0.746	GC-NC1	0.746	GC-NC1	348		***14,100***		3,630		***14,448***		***18,078***	
		2-3	***608***		< 0.050		< 0.050		< 0.050	GC-NC	< 0.150		< 0.300		31.5		***1,760***		470		***1,792***		***2,262***	
		4-5	688		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		13.1		809		241		822.1		1,063	
		6-7	1,140		< 0.050		< 0.050		< 0.050	GC-NC	< 0.150		< 0.300		< 10.0		330		97.3		330		427	
		9-10	1,040		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		164		54.2		164		218	
BH-3	9/14/2022	0-1	128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		28.6		< 10.0		28.6		28.6	
		2-3	496		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		4-5	960		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		6-7	768		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		9-10	416		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
BH-4	9/14/2022	0-1	1,960		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		157		42.0		157		199	
		2-3	496		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		19.9		< 10.0		19.9		19.9	
		4-5	656		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		6-7	896		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		9-10	640		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
BH-5	9/14/2022	0-1	496		< 0.050		< 0.050		< 0.050	GC-NC	0.942	GC-NC1	0.942	GC-NC1	225		***6,000***		1,100		***6,225***		***7,325***	
		2-3	288		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		55.8		17.3		55.8		73.1	
		4-5	624		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		82.5		20.4		82.5		103	
		6-7	240		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		17.7		< 10.0		17.7		17.7	
		9-10	240		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		14-15	784		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		40.1		< 10.0		40.1		40.1	
		19-20	2,800		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		24-25	2,040		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		29-30	1,020		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
ADDITIONAL SOIL ASSESSMENT - NAPP2202446534
CONOCOPHILLIPS
JAMES E UPPER BATTERY RELEASE
EDDY COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride[1]		BTEX[2]										TPH[3]									
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C_6 - C_{10}		DRO > C_{10} - C_{28}		EXT DRO > C_{28} - C_{36}		(GRO+DRO)		Total TPH (GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		mg/kg	
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:	*600 mg/kg*		*< 10 mg/kg*		--		--		--		*< 50 mg/kg*		--		--		--		--		*100 mg/kg*	
		Closure Criteria for Soils >4' bgs (GW 50-100 ft):	*10,000 mg/kg*		*< 10 mg/kg*		--		--		--		*< 50 mg/kg*		--		--		--		*1000 mg/kg*		*2500 mg/kg*	
BH-6	9/14/2022	0-1	4,240		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 50.0		***2060***		615		***2060***		***2,675***	
		2-3	1,200		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		397		172		397		569	
		4-5	640		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		179		37.5		179		217	
		6-7	656		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		44.0		10.3		44		54.3	
		9-10	592		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		45.3		< 10.0		45.3		45.3	
BH-7	9/14/2022	0-1	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		64.0		11.8		64		75.8	
		2-3	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		4-5	160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		6-7	304		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
		9-10	304		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
AH-20	9/26/2022	0-1	16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
AH-21	9/12/2022	0-1	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-		-	
AH-22	9/12/2022	0-1	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		50.3		27.3		50.3		77.6	
AH-23	9/12/2022	0-1	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		247		166		247		413	

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

Bold and italicized values indicate exceedance of proposed Site RRALs.

QUALIFIERS:

GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - NAPP2202446534
CONOCOPHILLIPS
JAMES E UPPER BATTERY RELEASE
EDDY COUNTY, NEW MEXICO

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)	(GRO+DRO)
															C_6 - C_{10}		> C_{10} - C_{28}		> C_{28} - C_{36}			
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:	600 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		100 mg/kg	--
		Closure Criteria for Soils >4' bgs (GW 51-100 ft):	10,000 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		2500 mg/kg	1000 mg/kg
N SW-1	2/9/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
N SW-2	2/9/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
N SW-3	2/9/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
N SW-4	2/9/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
N SW-5	2/9/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
N SW-6	2/9/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		121		73		***194***	121
N SW-6 (2')*	2/13/2023	-	384		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		24.9		16.4		41.3	24.9
N SW-7	2/9/2023	-	384		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
N SW-8	2/7/2023	-	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
N SW-9	2/7/2023	-	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
E SW-1	2/3/2023	-	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		516		224		***740***	516
E SW-1 (4')*	2/9/2023	-	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
E SW-2	2/3/2023	-	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		437		211		***548***	437
E SW-2 (4')*	2/9/2023	-	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
E SW-3	2/3/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
E SW-4	2/3/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
E SW-5	2/3/2023	-	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
E SW-6	2/3/2023	-	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
E SW-7	2/7/2023	-	432		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
E SW-8	2/13/2023	-	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
E SW-9	2/9/2023	-	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
S SW-1	2/9/2023	-	320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		116		61.6		***177.6***	116
S SW-1 (1')*	2/13/2023	-	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
S SW-2	2/9/2023	-	***640***		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		10.1		<10.0		10.1	10.1
S SW-2 (2')*	2/13/2023		144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
S SW-3	2/13/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-1	2/14/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-2	2/14/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-3	2/14/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-4	2/13/2023	-	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-5	2/13/2023	-	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-6	2/9/2023	-	***944***		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		152		57.8		***209.8***	152
W SW-6 (2')*	2/13/2023	-	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		31.6		13.9		45.5	31.6
W SW-7	2/9/2023	-	96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-8	2/9/2023	-	352		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		64.3		19.6		83.9	64.3
W SW-9	2/9/2023	-	368		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-10	2/9/2023	-	272		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-11	2/9/2023	-	576		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-12	2/9/2023	-	512		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		11.7		11.7	-
W SW-13	2/9/2023	-	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
W SW-14	2/9/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - NAPP2202446534
CONOCOPHILLIPS
JAMES E UPPER BATTERY RELEASE
EDDY COUNTY, NEW MEXICO

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)
															C_6 - C_{10}		> C_{10} - C_{28}		> C_{28} - C_{36}		(GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:	*600 mg/kg*		*< 10 mg/kg*		--		--		--		*< 50 mg/kg*		--		--		--		*100 mg/kg*	--
		Closure Criteria for Soils >4' bgs (GW 51-100 ft):	*10,000 mg/kg*		*< 10 mg/kg*		--		--		--		*< 50 mg/kg*		--		--		--		*2500 mg/kg*	*1000 mg/kg*
FS-1	2/13/2023	2	304		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-2	2/13/2023	5	1060		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-3	2/13/2023	5	1090		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-4	2/13/2023	5	976		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-5	2/13/2023	5	1400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-6	2/7/2023	4	1070		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		13.0		<10.0		-	-
FS-7	2/7/2023	4	656		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-8	2/3/2023	4	400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-9	2/7/2023	4	304		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-10	2/7/2023	4	1330		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-11	2/13/2023	4	880		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-12	2/7/2023	4	736		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-13	2/3/2023	4	1020		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-14	2/3/2023	4	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-15	2/13/2023	4	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-16	2/13/2023	4	560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-17	2/14/2023	4	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-18	2/14/2023	2	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-19	2/13/2023	2	560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		10.6		<10.0		10.6	10.6
FS-20	2/9/2023	2	***848***		<0.050		<0.050		<0.050		<0.150		<0.300		<50.0		3330		661		***3991***	***3330***
FS-20 (4')*	2/13/2023	4	560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		47.1		14.3		61.4	47.1
FS-21	2/9/2023	2	384		<0.050		<0.050		<0.050		<0.150		<0.300		<50.0		24.8		14.7		39.5	24.8
FS-22	2/9/2023	2	***848***		<0.050		<0.050		<0.050		<0.150		<0.300		<50.0		2470		519		***2989***	***2470***
FS-22 (4')*	2/13/2023	4	368		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		40		<10.0		40	40

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

Bold and italicized values indicate exceedance of proposed RRALs and/or reclamation requirements for soils above 4 feet bgs.

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

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

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

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	NAPP2202446534
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	ConocoPhillips	OGRID	217817
Contact Name	Kelsy Waggaman	Contact Telephone	(432) 688-9057
Contact email	Kelsy.Waggaman@ConocoPhillips.com	Incident # *(assigned by OCD)*	NAPP2202446534
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.408333 Longitude -103.840278

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	James E Upper	Site Type	Tank Battery
Date Release Discovered	January 1, 2022	API# *(if applicable)*	

Unit Letter	Section	Township	Range	County
E	12	22S	30E	Lea

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

Nature and Volume of Release

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

■ Crude Oil	Volume Released (bbls) 61	Volume Recovered (bbls) 0
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by a valve failure. The release occurred on and off pad. ConocoPhillips will have the spill area evaluated for impact from the release.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2202446534
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Release was greater than 25 barrels.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Notification was given by Kelsy Waggaman via email on January 3, 2022 at 5:40 PM to ocd.enviro@state.nm.us and BLM_NM_CFO_Spill@blm.gov.

Initial Response

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

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

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

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

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

Printed Name: Brittany N. Esparza Title: Environmental Technician

Signature: Brittany Esparza Date: 1/24/2022

email: Brittany.Esparza@ConocoPhillips.com Telephone: (432) 221-0398

OCD Only

Received by: Ramona Marcus Date: 1/24/2022

L48 Spill Volume Estimate Form

NAPP2202446534

Name & Number:	James E Upper
Asset Area:	Cabin Lake, Hobbs
Release Discovery Date & Time:	December 20th, 9:15 am
Release Type:	oil mixture
Provide any known details about the event:	Spill originated from the pressure releave valve on the production separator.

Spill Calculation - Subsurface Spill - Rectangle

Was the release on pad or off-pad?	See reference table below
Has it rained at least a half inch in the last 24 hours?	See reference table below

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Depth (in.)	Soil Spilled-Fluid Saturation	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	52.0	40.0	1.00	10.50%	30.853	3.240	13.00%	0.421	2.818
Rectangle B	120.0	180.0	0.25	10.50%	80.100	8.411	13.00%	1.093	7.317
Rectangle C	60.0	14.0	3.00	15.16%	37.380	5.667	13.00%	0.737	4.930
Rectangle D					0.000	0.000		0.000	0.000
Rectangle E					0.000	0.000		0.000	0.000
Rectangle F					0.000	0.000		0.000	0.000
Rectangle G					0.000	0.000		0.000	0.000
Rectangle H					0.000	0.000		0.000	0.000
Rectangle I					0.000	0.000		0.000	0.000
					0.000	0.000		0.000	0.000
					Total Volume Release:	17.317		2.251	15.066

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2202446534
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?	>50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☑ No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2202446534
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: Sam Widmer Title: Principal Program Manager

Signature: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: Oct-17-2022

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

OCD Only

Received by: Jocelyn Harimon Date: 10/24/2022

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2202446534
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: Sam Widmer Title: Principal Program Manager

Signature: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: Oct-17-2022

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

OCD Only

Received by: Jocelyn Harimon Date: 10/24/2022

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

Signature: Jennifer Nobui Date: 12/06/2022

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2202446534
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: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: Mar-06-2023

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: 03/17/2023

Printed Name: Jennifer Nobui Title: Environmental Specialist A

APPENDIX B
Site Characterization Data

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04528 POD1	CUB	ED	1	3	3	12	22S	30E	608886	3585625	703			
C 02749	CUB	ED	1	1	1	18	22S	31E	610556	3585146*	1899	640		
C 02750	CUB	ED	1	1	1	18	22S	31E	610556	3585146*	1899	741		
C 02751	CUB	ED	1	1	1	18	22S	31E	610556	3585146*	1899	637		
C 03003	CUB	ED	3	1	3	31	21S	31E	610511	3588970*	3034	650		
C 03002	CUB	ED	4	2	4	06	22S	31E	611933	3587375*	3070	668		
C 03234 EXPLORE	CUB	ED	1	2	3	35	21S	30E	607695	3589207*	3201	410		
C 02723	CUB	ED	2	2	3	15	22S	30E	606282	3584363*	3386	651		
C 02950 EXPL	CUB	ED	4	2	4	23	22S	30E	608740	3582576*	3745	845		
C 02637	CUB	ED	1	3	3	24	22S	30E	608950	3582377*	3932	759		
C 02748	CUB	ED	1	2	3	17	22S	31E	612576	3584364*	4023	3856		
C 02683	CUB	ED	3	1	1	20	22S	31E	612184	3583356*	4302	840		
C 02413	CUB	ED	1	2	1	20	22S	31E	612586	3583560*	4475	737		
C 02682	CUB	ED	4	4	4	08	22S	31E	613566	3585379*	4606	4400		
C 03112 EXPLORE	CUB	ED	3	1	1	09	22S	31E	613753	3586590*	4707	3567		
C 03221 EXPLORE	CUB	ED	1	2	1	30	22S	31E	610995	3581935*	4784	651		
C 03015	CUB	ED	1	4	3	22	22S	30E	606099	3582353*	4937	1316	262	1054

Average Depth to Water: **262 feet**

Minimum Depth: **262 feet**

Maximum Depth: **262 feet**

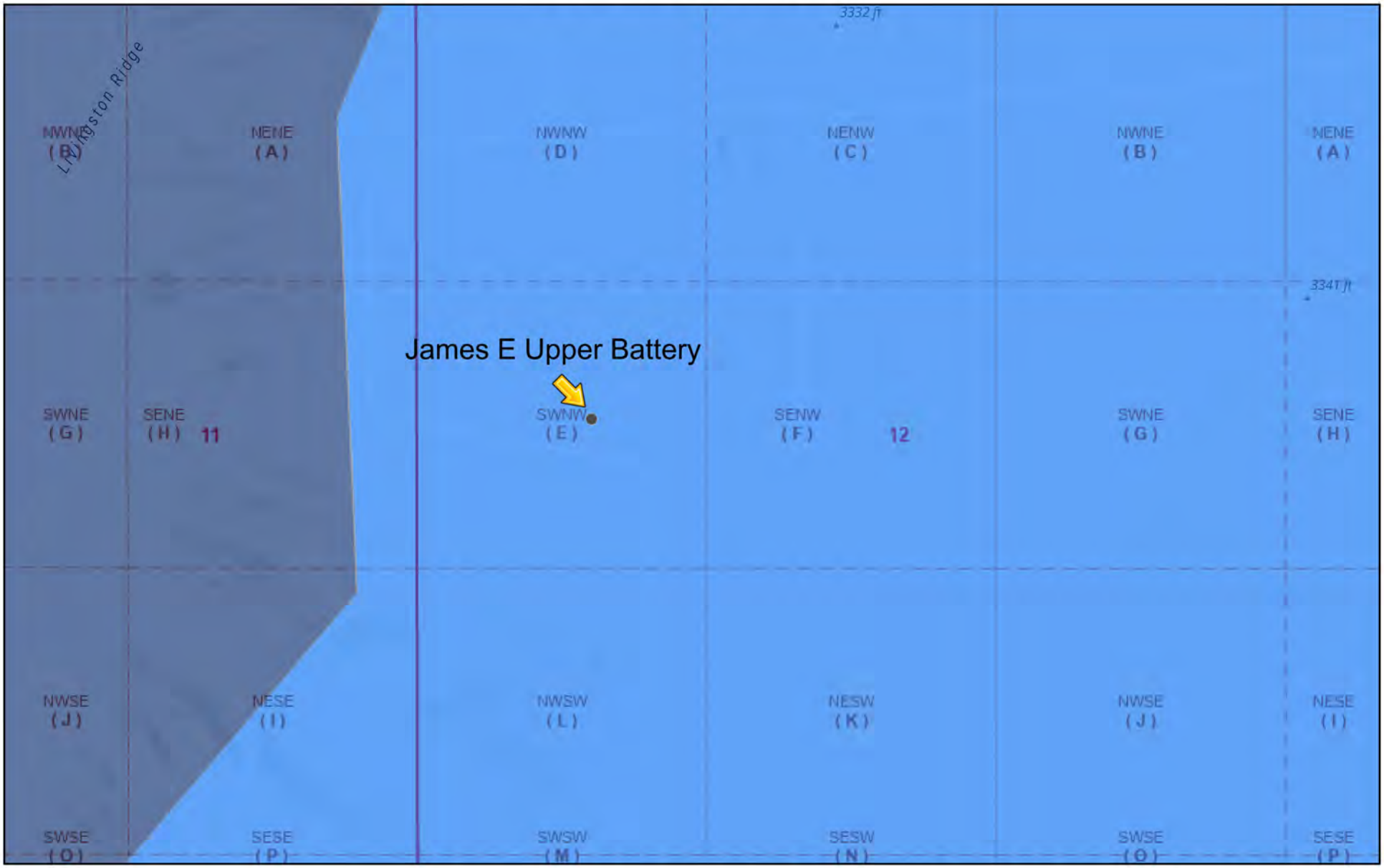
Record Count: 17

UTMNAD83 Radius Search (in meters):

Easting (X): 609053.88 **Northing (Y):** 3586308.39 **Radius:** 5000

***UTM location was derived from PLSS - see Help**

OCD Karst Potential



2/24/2023, 11:28:38 AM

Override 1

Karst Occurrence Potential

High

Medium

PLSS Second Division

PLSS First Division

1:9,028

0 0.05 0.1 0.2 mi

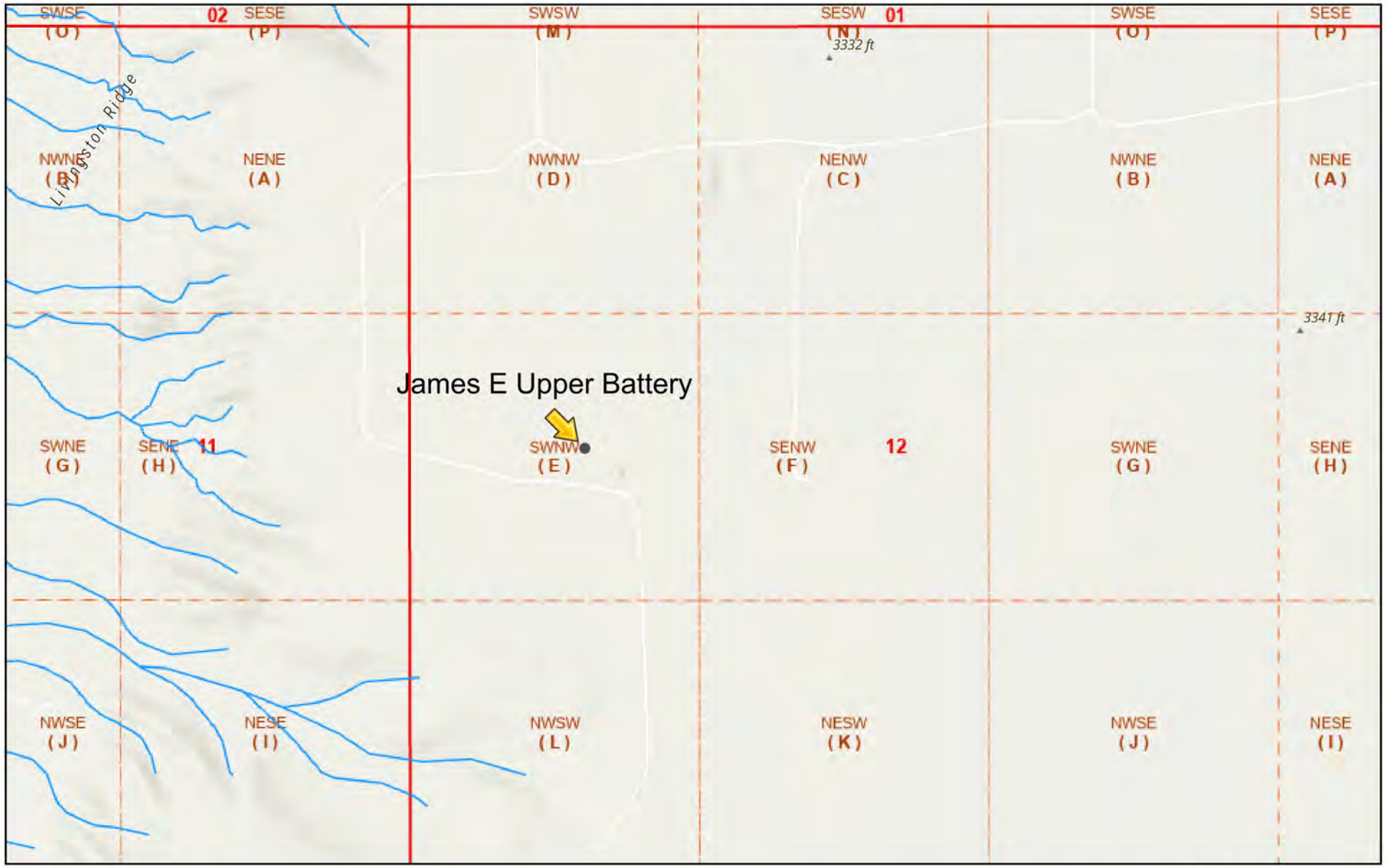
0 0.1 0.2 0.4 km

BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks &

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

NMOCD Waterbodies Map



9/28/2022, 11:24:21 AM

Override 1

OSE Streams

PLSS Second Division

PLSS First Division

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap,

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

212C-MD-02793	TETRA TECH	**LOG OF BORING DTW Boring**	Page 1 of 1

Project Name: James E Upper Battery Release

Borehole Location: GPS Coordinates: 32.408324°, -103.841301° | Surface Elevation: 3311 ft

Borehole Number: DTW Boring | Borehole Diameter (in.): 8 | Date Started: 9/8/2022 | Date Finished: 9/8/2022

WATER LEVEL OBSERVATIONS

While Drilling ▽ DRY ft Upon Completion of Drilling ▼ DRY ft

Remarks:

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm) ExStik	VOC FIELD SCREENING (ppm) PID	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT LL	PLASTICITY INDEX PI	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS
0												**-SM-** SILTY SAND: Reddish brown, medium dense, dry. -- occasional caliche @ 0-1'.	5	
5												**-SM-** SILTY SAND: Tan, medium dense, with occasional caliche gravel, dry.	7	
10												**-SP-** SAND: Red, loose, dry.	10	
15												**-SP-** SAND: Red, medium dense, with occasional caliche pebbles, dry.	12	
20												**-SP-** SAND: Light red, medium dense, with occasional caliche, dry.	19	
25												**-SW-** SAND: Red, medium dense, dry.	25	
30												**-ML-** MUDSTONE: Reddish brown, dense, dry.	35	
35												**-SM-** SILTY SAND: Dark red, dense, dry.	40	
40												**-CL-** SILTY CLAY: Reddish brown, dense, dry.	45	
45												**-SM-** SILTY SAND: Tan, dense, dry.	55	
50														
55												Bottom of borehole at 55.0 feet.		

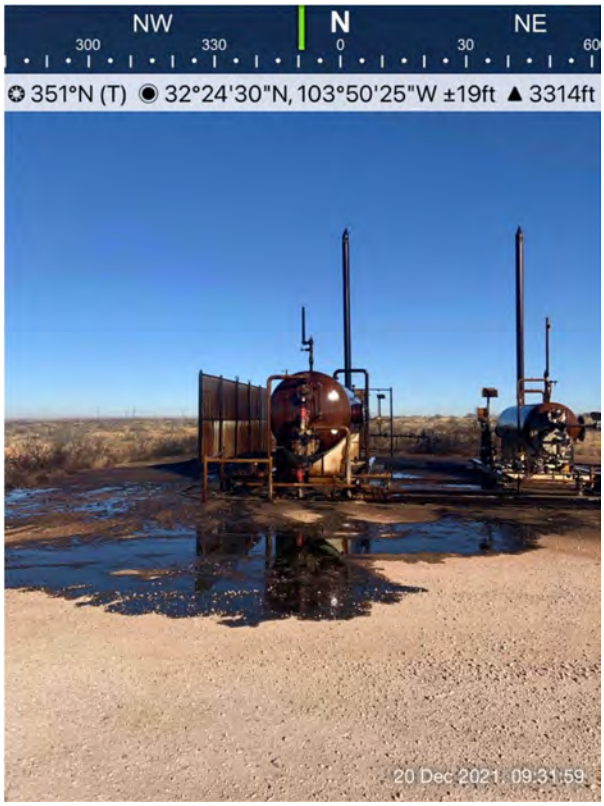
Sampler Types: Split Spoon, Shelby, Bulk Sample, Grab Sample, Acetate Liner, Vane Shear, Discrete Sample, Test Pit

Operation Types: Mud Rotary, Continuous Flight Auger, Wash Rotary, Hand Auger, Air Rotary, Direct Push, Core Barrel

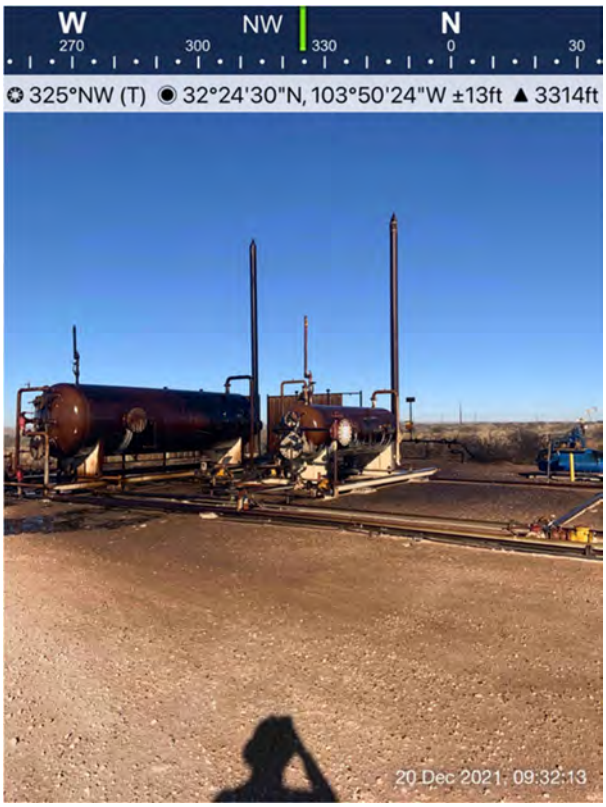
Notes: Surface elevation is an approximate value from Google Earth data.

Logger: Joe Tyler | Drilling Equipment: Air Rotary | Driller: Scarborough Drilling

APPENDIX C
Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View North. Southern portion of December 2021 release extent, NAPP2200639375.	1
	SITE NAME	ConocoPhillips James E Upper Battery Release	12/20/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View Northwest. December 2021 release extent south horizontal tanks, NAPP2200639375.	2
	SITE NAME	ConocoPhillips James E Upper Battery Release	12/20/2021

TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View West. Southern extent of January 2022 release in, NAPP2202446534.	3
	SITE NAME	ConocoPhillips James E Upper Battery Release	1/3/2022

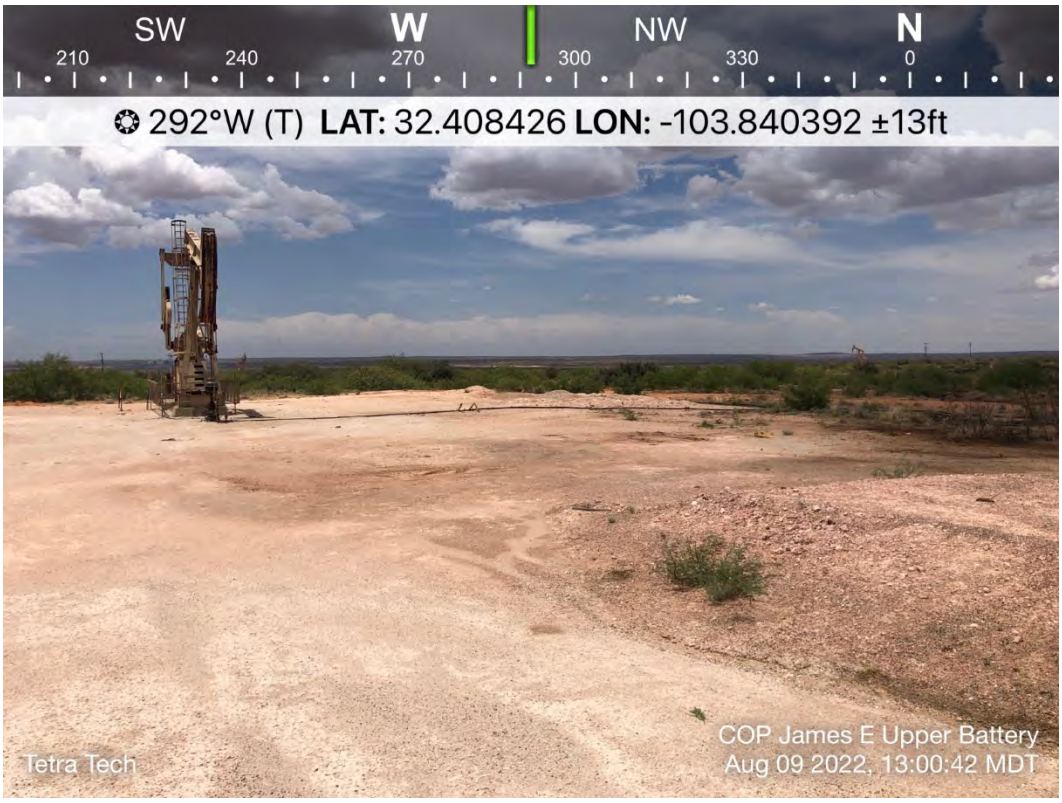
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View North-Northeast. January 2022 release area east of horizontal tank, NAPP2202446534.	4
	SITE NAME	ConocoPhillips James E Upper Battery Release	1/3/2022

TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View East-Northeast. January 2022 release area west of tank battery, NAPP2202446534.	5
	SITE NAME	ConocoPhillips James E Upper Battery Release	1/3/2022

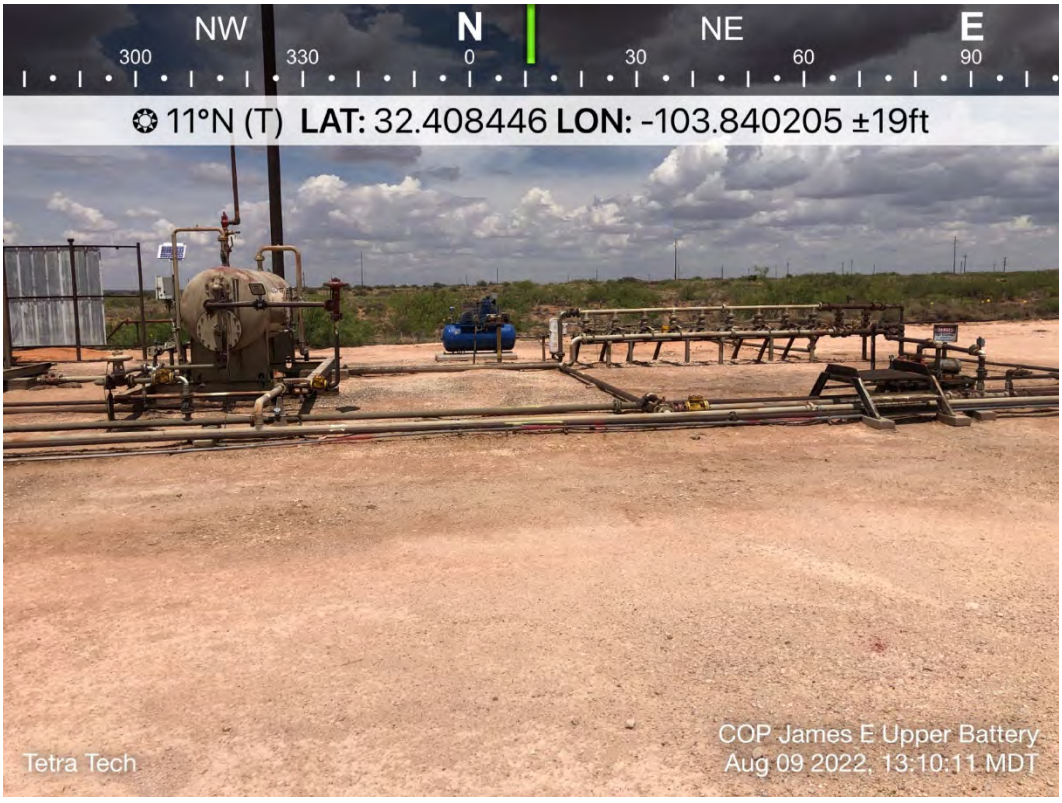
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View North. Release area south of horizontal tanks post-scrape.	6
	SITE NAME	ConocoPhillips James E Upper Battery Release	1/28/2022

TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View North. Release area southwest of horizontal tanks post-scrape.	7
	SITE NAME	ConocoPhillips James E Upper Battery Release	1/28/2022

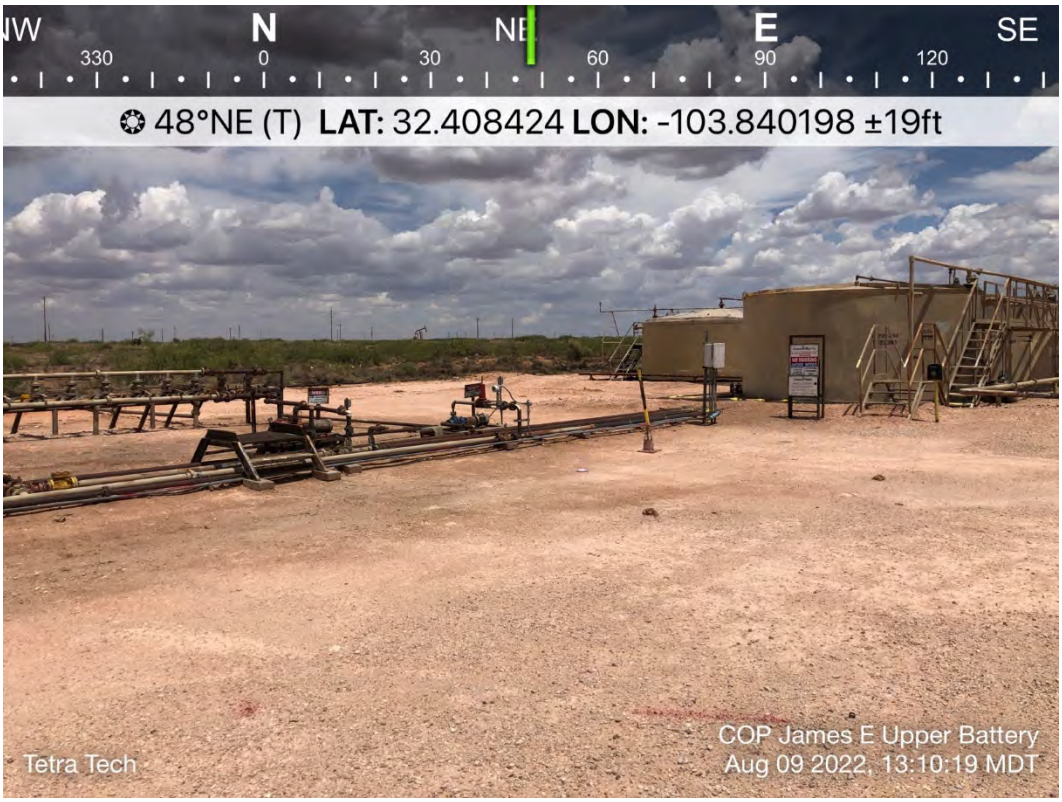
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View North. Release area west of horizontal tanks post-scrape.	8
	SITE NAME	ConocoPhillips James E Upper Battery Release	1/28/2022



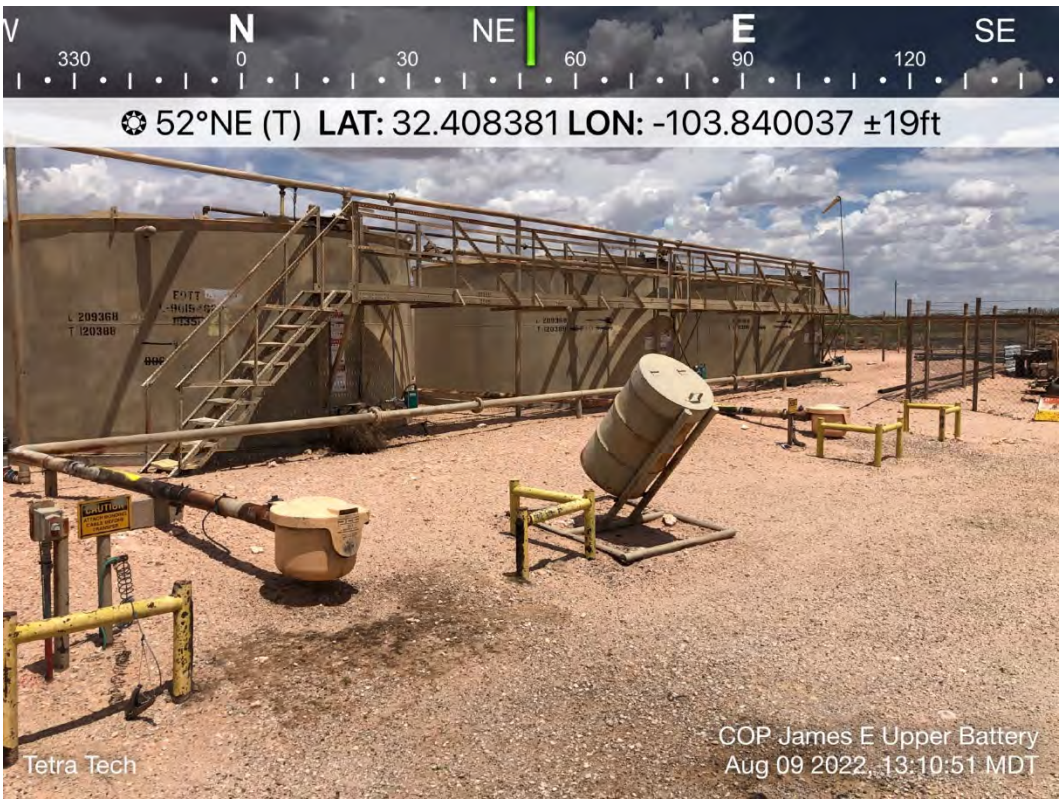
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View West-Northwest. Current Site conditions. Release area on western pad post-scrape.	9
	SITE NAME	ConocoPhillips James E Upper Battery Release	8/9/2022



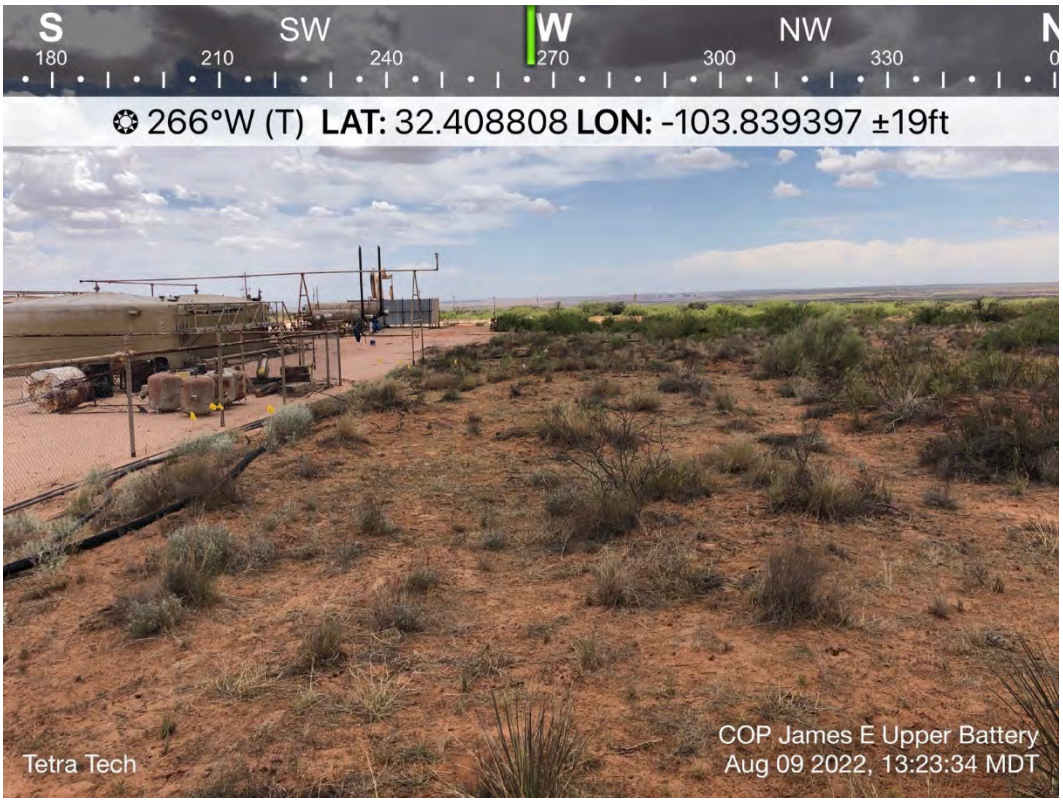
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View North. Current Site conditions. Release area east of horizontal tanks.	10
	SITE NAME	ConocoPhillips James E Upper Battery Release	8/9/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View West-Northwest. Current Site conditions. Release area west of tank battery.	11
	SITE NAME	ConocoPhillips James E Upper Battery Release	8/9/2022

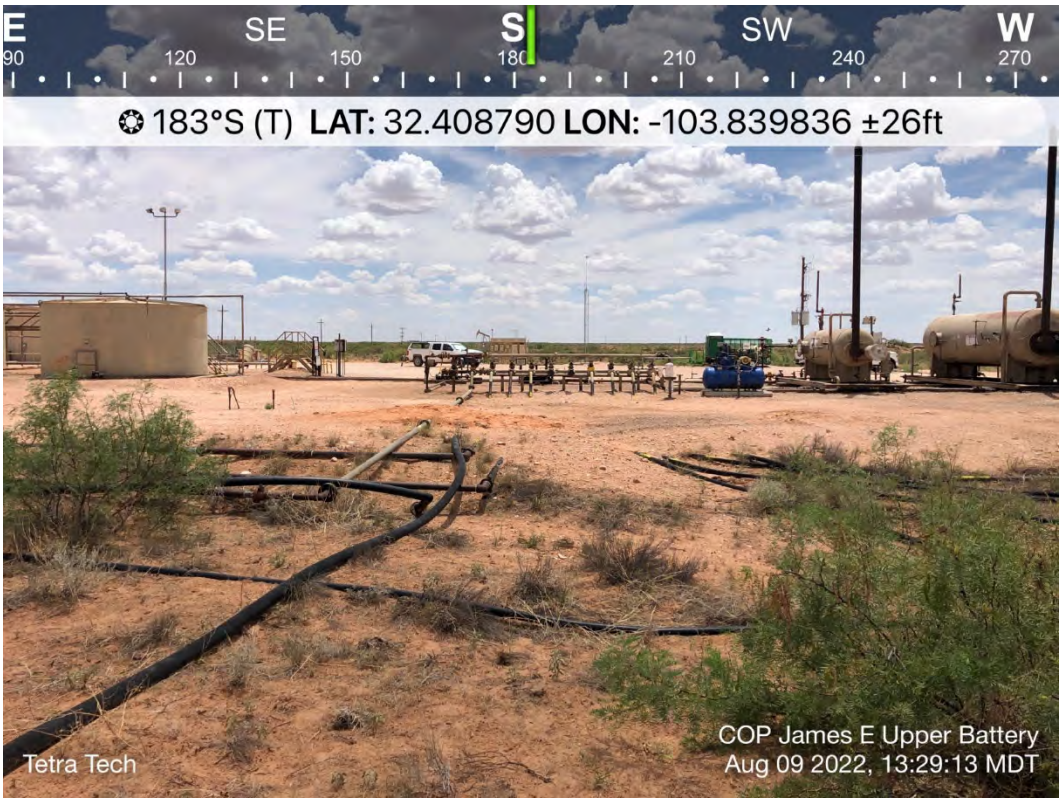


TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View West-Northwest. Current Site conditions. Release area west of tank battery.	12
	SITE NAME	ConocoPhillips James E Upper Battery Release	8/9/2022

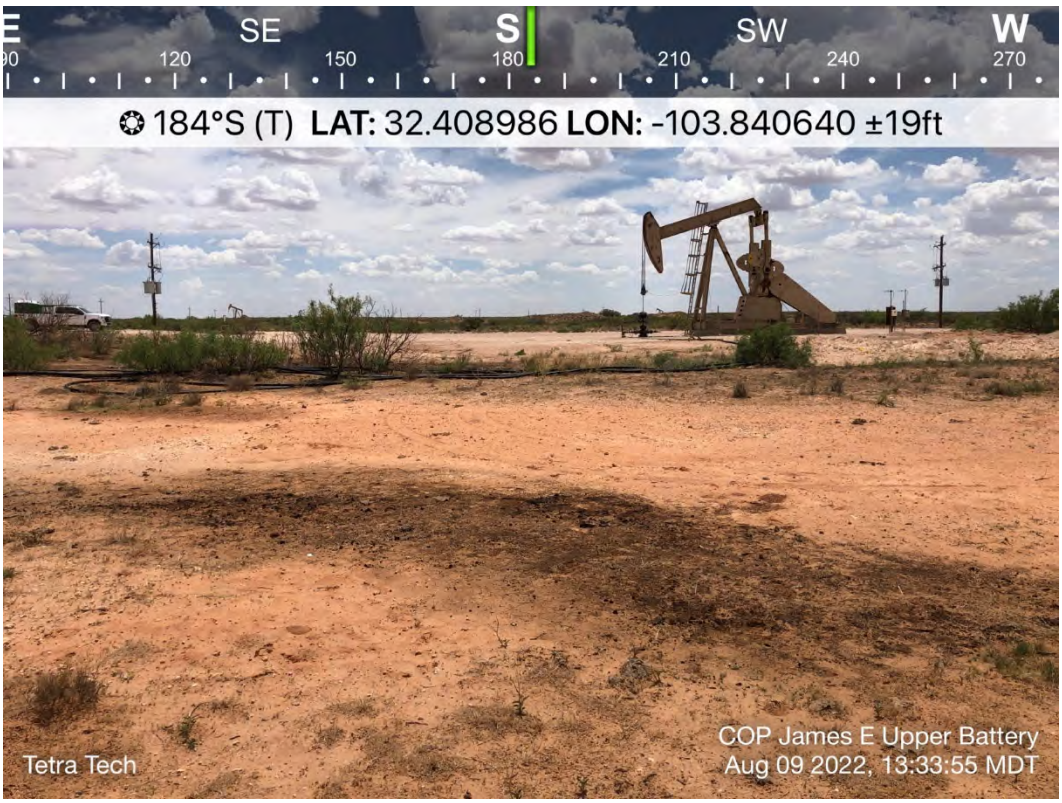


TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View West. Current Site conditions. January 2022 overspray area northeast of tank battery, NAPP2202446534.	13
	SITE NAME	ConocoPhillips James E Upper Battery Release	8/9/2022

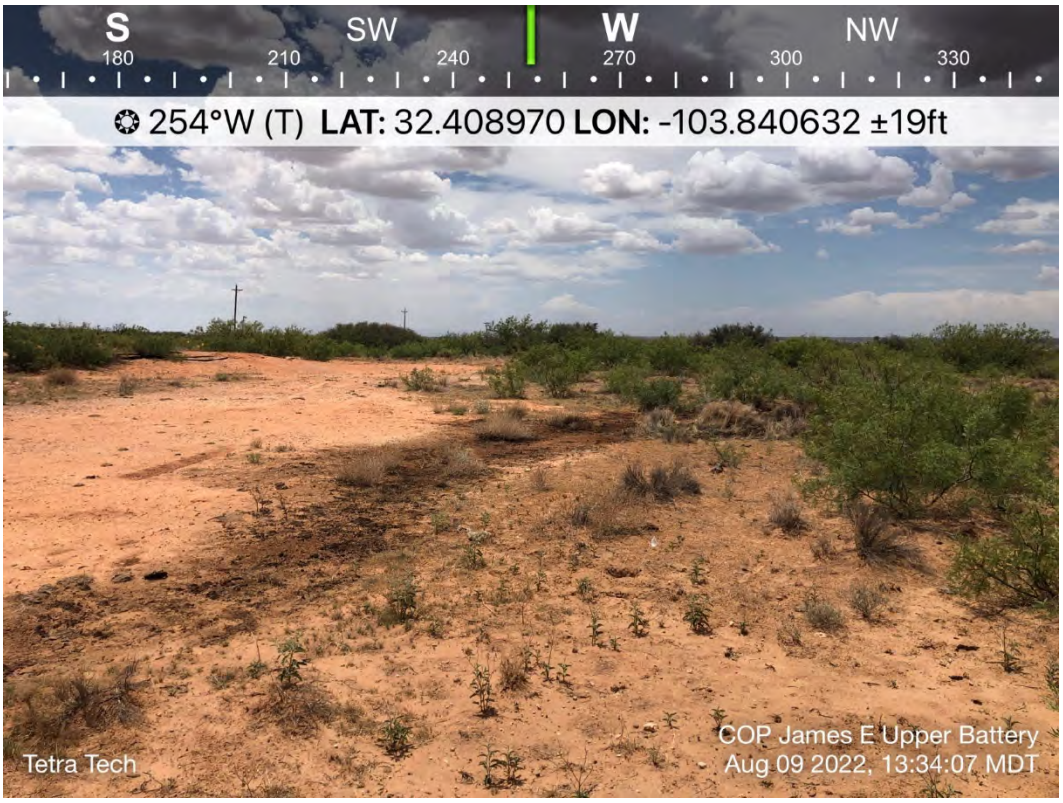
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View East. Current Site conditions. January 2022 overspray area northwest of tank battery, NAPP2202446534.	14
	SITE NAME	ConocoPhillips James E Upper Battery Release	8/9/2022



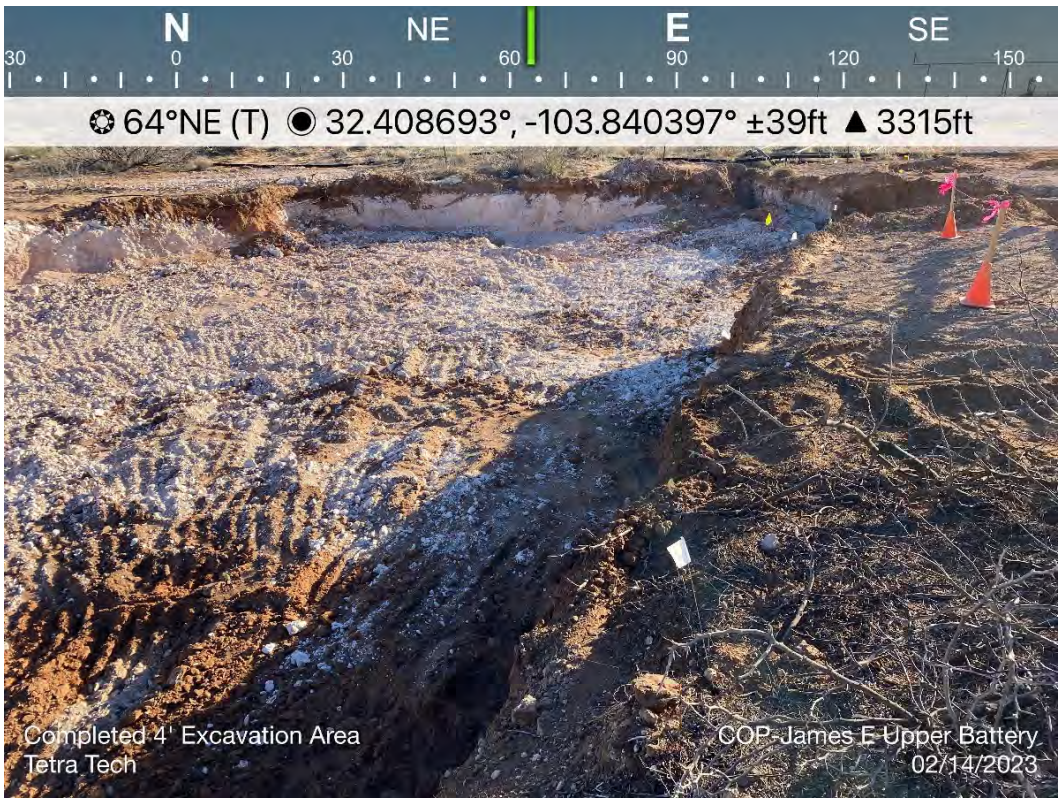
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View South. Current Site conditions north of lease pad.	15
	SITE NAME	ConocoPhillips James E Upper Battery Release	8/9/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View West. Current Site conditions. Northwestern extent of release area.	16
	SITE NAME	ConocoPhillips James E Upper Battery Release	8/9/2022



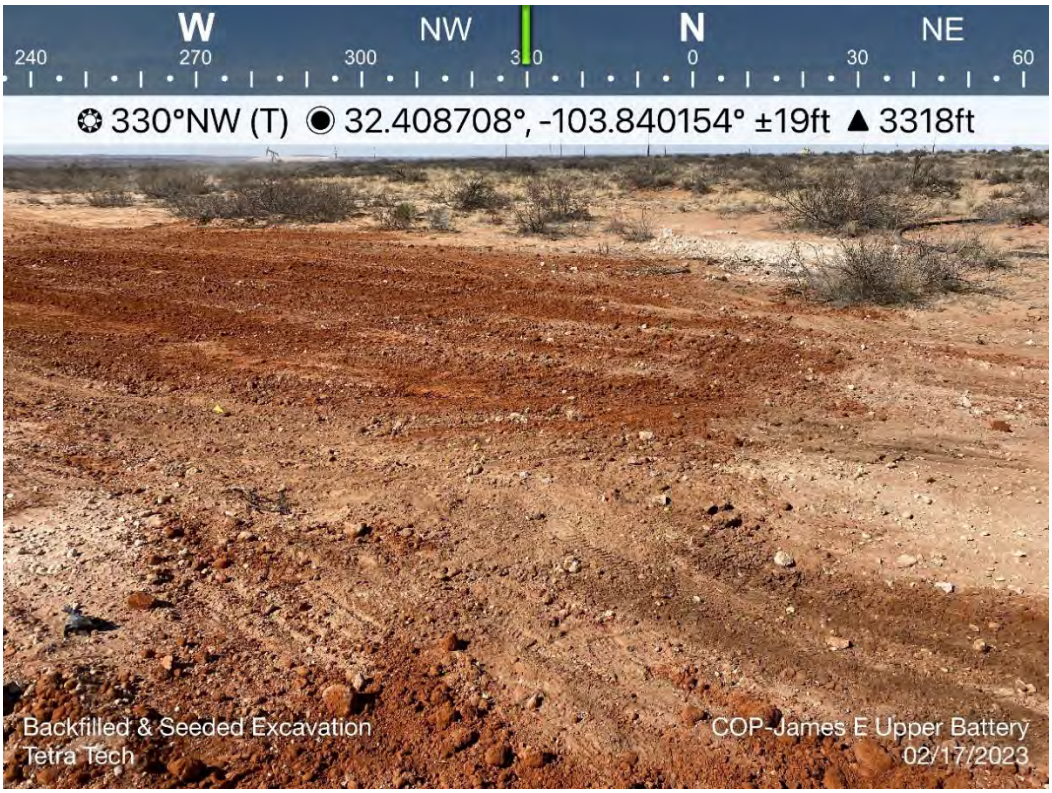
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View West. Current Site conditions. Northwestern extent of release area.	17
	SITE NAME	ConocoPhillips James E Upper Battery Release	8/9/2022



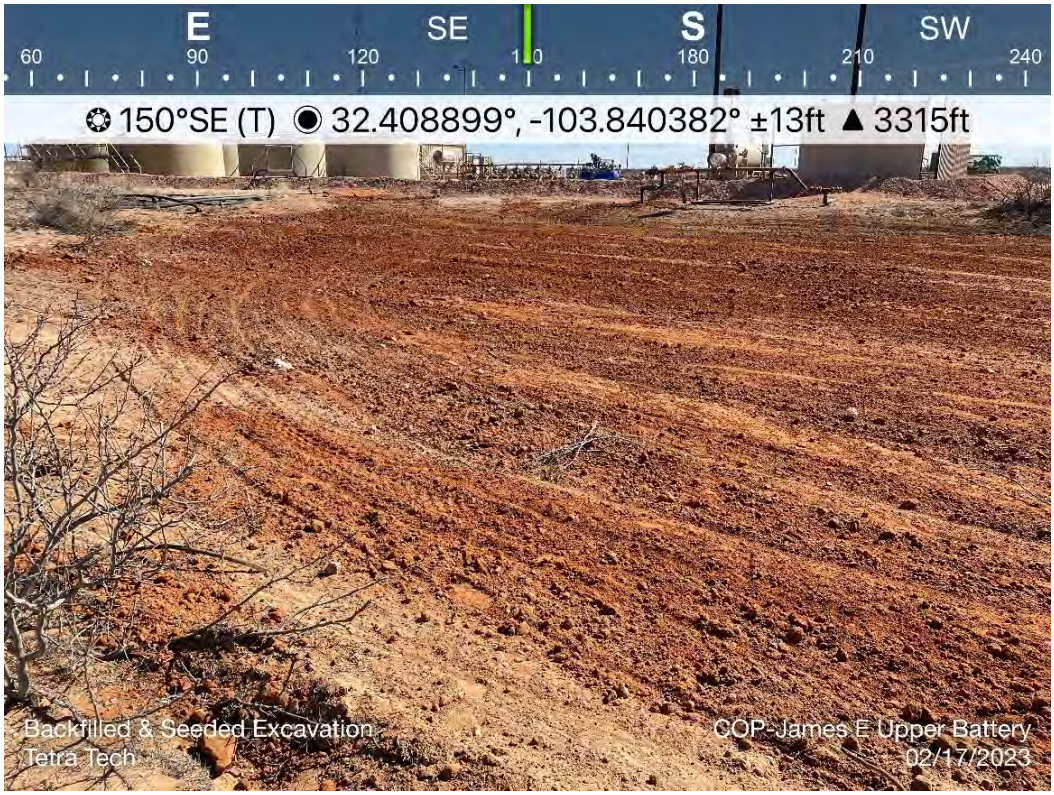
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View Northeast. 4-foot excavation in the eastern portion of the release extent.	18
	SITE NAME	ConocoPhillips James E Upper Battery Release	2/14/2023

TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View Southeast. 4-foot excavation in the eastern portion of the release extent.	19
	SITE NAME	ConocoPhillips James E Upper Battery Release	2/14/2023

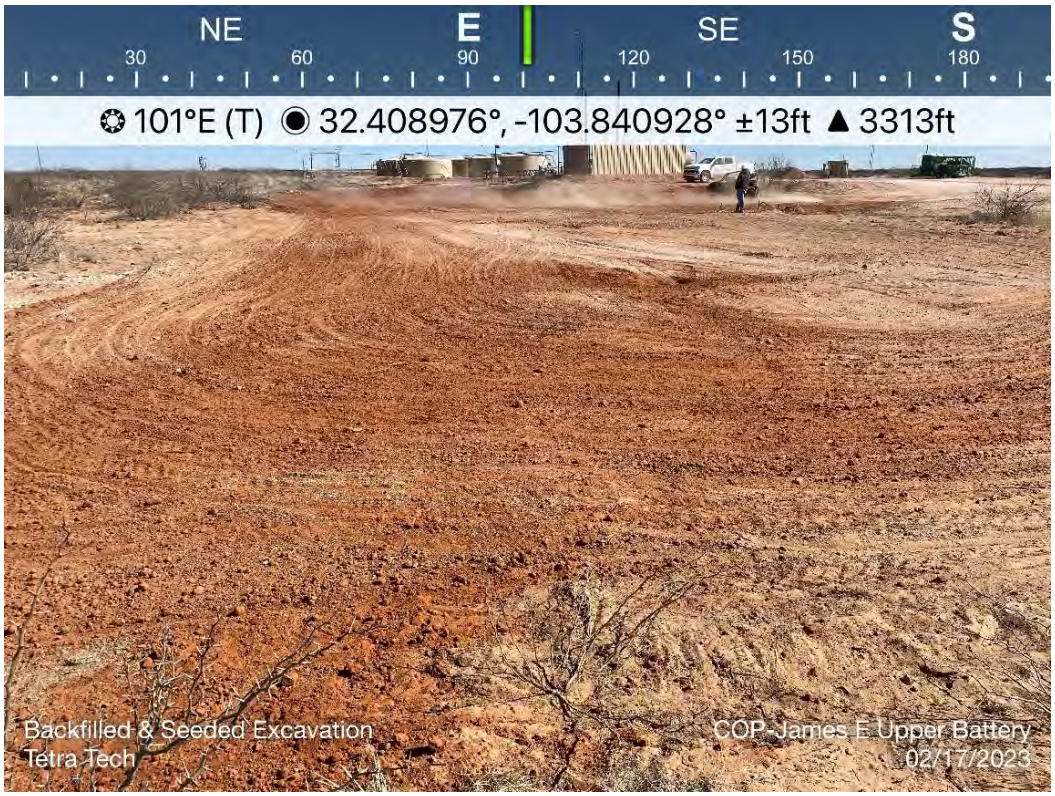
TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View East. 5-foot excavation in the western portion of the release extent.	20
	SITE NAME	ConocoPhillips James E Upper Battery Release	2/14/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View Northwest. Remediated, backfilled and seeded eastern portion of the release extent.	21
	SITE NAME	ConocoPhillips James E Upper Battery Release	2/17/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View Southeast. Remediated, backfilled and seeded northern portion of the release extent.	22
	SITE NAME	ConocoPhillips James E Upper Battery Release	2/17/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02793	DESCRIPTION	View East. Remediated, backfilled and seeded western portion of the release extent.	23
	SITE NAME	ConocoPhillips James E Upper Battery Release	2/17/2023

APPENDIX D
Regulatory Correspondence

Dickerson, Ryan

From: OCDOnline@state.nm.us
Sent: Tuesday, December 6, 2022 4:55 PM
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 152886

To whom it may concern (c/o Christian Llull for CONOCOPHILLIPS COMPANY),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2202446534,
with the following conditions:

- **Remediation Plan Approved with Conditions. Sidewall samples should be delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release, regardless of depth to groundwater. Variance has been approved: composite confirmation samples will be collected from the bottom of the excavation from areas representing no more than four hundred (400) square feet; sidewalls no more than two hundred (200) square feet.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-470-3407
Jennifer.Nobui@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Poole, Nicholas

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Monday, January 30, 2023 9:47 AM
To: Poole, Nicholas
Cc: Nobui, Jennifer, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Incident ID: NAPP2202446534 - 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.

JH

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http:// **www.emnrd.nm.gov**

From: Poole, Nicholas <NICHOLAS.POOLE@tetratech.com>
Sent: Friday, January 27, 2023 1:16 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Subject: [EXTERNAL] Incident ID: NAPP2202446534 - Confirmation Sampling

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

Incident ID (n#) **NAPP2202446534** (James E Upper Battery)

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 Tuesday, January 31, 2023.

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 Wednesday, February 2 through Friday, February 10, 2023.

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

Tetra Tech | *Leading with Science®* | OGA
8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetratech.com

Poole, Nicholas

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Friday, January 27, 2023 2:25 PM
To: Poole, Nicholas
Cc: Bratcher, Michael, EMNRD; Harimon, Jocelyn, EMNRD
Subject: RE: [EXTERNAL] Incident ID: NAPP2202446534 - Confirmation Sampling

Hello 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: Poole, Nicholas <NICHOLAS.POOLE@tetratech.com>
Sent: Friday, January 27, 2023 1:16 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Subject: [EXTERNAL] Incident ID: NAPP2202446534 - Confirmation Sampling

Incident ID (n#) **NAPP2202446534** (James E Upper Battery)

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 Tuesday, January 31, 2023.

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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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TETRA TECH

APPENDIX E
Waste Manifests

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	01
Manif. Date:	2/1/2023
Hauler:	MCNABB PARTNERS LLC
Driver	GUMBER
Truck #	M-36
Card #	
Job Ref #	

Ticket #:	700-1394956
Bid #:	O6UJ9A000JEC
Date:	2/1/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	12.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature Gumber Rdz

R360 Representative Signature Brito

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	02
Manif. Date:	2/2/2023
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M35
Card #	
Job Ref #	

Ticket #:	700-1395167
Bid #:	O6UJ9A000JEC
Date:	2/2/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SH3W

2/2/2023 9:50:09AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395181
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/2/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	03	Well Ser. #:	
Manif. Date:	2/2/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	ALBARO	Field:	
Truck #	M-31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SH4G 2/2/2023 10:13:16AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	04
Manif. Date:	2/2/2023
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1395197
Bid #:	O6UJ9A000JEC
Date:	2/2/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SH52 2/2/2023 10:47:18AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395228
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/2/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	05	Well Ser. #:	
Manif. Date:	2/2/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JOSH	Field:	
Truck #	M35	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395240
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/2/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	06	Well Ser. #:	
Manif. Date:	2/2/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	ALBARO	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395252
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/2/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	07	Well Ser. #:	
Manif. Date:	2/2/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395291
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/2/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	08	Well Ser. #:	
Manif. Date:	2/2/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JOSH	Field:	
Truck #	M35	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SH9U 2/2/2023 2:26:28PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395306
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/2/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	09	Well Ser. #:	
Manif. Date:	2/2/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	ALBARO	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SHAL 2/2/2023 2:54:49PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395311
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/2/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	10	Well Ser. #:	
Manif. Date:	2/2/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395544
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/3/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	11	Well Ser. #:	
Manif. Date:	2/3/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JOSH	Field:	
Truck #	M35	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SHMH

2/3/2023 9:37:26AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	12
Manif. Date:	2/3/2023
Hauler:	MCNABB PARTNERS
Driver	ALBARO
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1395553
Bid #:	O6UJ9A000JEC
Date:	2/3/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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Approved By: _____ Date: _____

t6UJ9A01SHMX

2/3/2023 9:59:55AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	13
Manif. Date:	2/3/2023
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1395565
Bid #:	O6UJ9A000JEC
Date:	2/3/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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Approved By: _____ Date: _____

t6UJ9A01SHNC 2/3/2023 10:19:47AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395616
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/3/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	14	Well Ser. #:	
Manif. Date:	2/3/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JOSH	Field:	
Truck #	M35	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SHPR 2/3/2023 12:22:25PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	15
Manif. Date:	2/3/2023
Hauler:	MCNABB PARTNERS
Driver	ALBARO
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1395626
Bid #:	O6UJ9A000JEC
Date:	2/3/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SHQ9

2/3/2023 12:43:43PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1395635
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/3/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	16	Well Ser. #:	
Manif. Date:	2/3/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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Approved By: _____ Date: _____

t6UJ9A01SHQH 2/3/2023 1:01:34PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	NA
Manif. Date:	2/6/2023
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1396353
Bid #:	O6UJ9A000JEC
Date:	2/6/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SITR 2/6/2023 10:02:19AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREWS GARCIA
AFE #:	
PO #:	
Manifest #:	NA
Manif. Date:	2/6/2023
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M-75
Card #	
Job Ref #	

Ticket #:	700-1396349
Bid #:	O6UJ9A000JEC
Date:	2/6/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature _____

R360 Representative Signature _____

Customer Approval

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Approved By: _____ Date: _____

t6UJ9A01SITJ

2/6/2023 9:49:17AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396399
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/6/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	N/A	Well Ser. #:	
Manif. Date:	2/6/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JESUS	Field:	
Truck #	M32	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396412
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/6/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	20	Well Ser. #:	
Manif. Date:	2/6/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396415
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/6/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	
Manif. Date:	2/6/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JOE	Field:	
Truck #	M81	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SIYG 2/6/2023 12:21:27PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396466
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/6/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	22	Well Ser. #:	
Manif. Date:	2/6/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JR	Field:	
Truck #	M 75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396457
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/6/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	23	Well Ser. #:	
Manif. Date:	2/6/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JOE	Field:	
Truck #	M81	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	NA
Manif. Date:	2/6/2023
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M-32
Card #	
Job Ref #	

Ticket #:	700-1396447
Bid #:	O6UJ9A000JEC
Date:	2/6/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SJ15

2/6/2023 1:49:06PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396705
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/7/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	NA 25	Well Ser. #:	
Manif. Date:	2/7/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JOE	Field:	
Truck #	M-33	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature Joe

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396706
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/7/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	~~NA~~ 26	Well Ser. #:	
Manif. Date:	2/7/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	GUMER	Field:	
Truck #	M36	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature Gumer Rdz

R360 Representative Signature _____

Customer Approval

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Approved By: _____ Date: _____

t6UJ9A01SJGT 2/7/2023 9:49:52AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396707
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/7/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	~~NA~~ 31	Well Ser. #:	
Manif. Date:	2/7/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	ALBARO	Field:	
Truck #	31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SJGU 2/7/2023 9:51:08AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	28
Manif. Date:	2/7/2023
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M33
Card #	
Job Ref #	

Ticket #:	700-1396749
Bid #:	O6UJ9A000JEC
Date:	2/7/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SJIO 2/7/2023 11:35:02AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396750
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/7/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	29	Well Ser. #:	
Manif. Date:	2/7/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	GUMER	Field:	
Truck #	36	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature Clemer Rdz

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	30
Manif. Date:	2/7/2023
Hauler:	MCNABB PARTNERS
Driver	ALBARO
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1396751
Bid #:	O6UJ9A000JEC
Date:	2/7/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SJIR 2/7/2023 11:36:35AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1396827
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/7/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	31	Well Ser. #:	
Manif. Date:	2/7/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	GUMER	Field:	
Truck #	M36	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	32
Manif. Date:	2/7/2023
Hauler:	MCNABB PARTNERS
Driver	ALBARO
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1396829
Bid #:	O6UJ9A000JEC
Date:	2/7/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SJN0

2/7/2023 2:16:31PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	33
Manif. Date:	2/7/2023
Hauler:	MCNABB PARTNERS LLC
Driver	JOE
Truck #	M33
Card #	
Job Ref #	

Ticket #:	700-1396830
Bid #:	O6UJ9A000JEC
Date:	2/7/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SJN1

2/7/2023 2:18:01PM

R360 ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: ANDREW GARCIA
AFE #:
PO #:
Manifest #: 34
Manif. Date: 2/8/2023
Hauler: MCNABB PARTNERS
Driver ALBARO
Truck # M31
Card #
Job Ref #

Ticket #: 700-1397041
Bid #: O6UJ9A000JEC
Date: 2/8/2023
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #:
Well Name: JAMES E BATTERY
Well #:
Field:
Field #:
Rig: NON-DRILLING
County

acility: CRI

oduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	16.00 yards

enerator Certification Statement of Waste Status

ereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 88 regulatory determination, the above described waste is:

RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by aracteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as ended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

ver/ Agent Signature	R360 Representative Signature
_____	_____

stomer Approval

THIS IS NOT AN INVOICE!

proved By: _____ Date: _____

J9A01SK0W

2/8/2023 9:31:12AM

R360 ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: ANDREW GARCIA
AFE #:
PO #:
Manifest #: 35
Manif. Date: 2/8/2023
Hauler: MCNABB PARTNERS
Driver JR
Truck # M75
Card #
Job Ref #

Ticket #: 700-1397049
Bid #: O6UJ9A000JEC
Date: 2/8/2023
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #:
Well Name: JAMES E BATTERY
Well #:
Field:
Field #:
Rig: NON-DRILLING
County

acility: CRI

roduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	18.00 yards

enerator Certification Statement of Waste Status

ıereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by aracteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as ıended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

iver/ Agent Signature	R360 Representative Signature
_____	_____

ıstomer Approval

THIS IS NOT AN INVOICE!

pproved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	36
Manif. Date:	2/8/2023
Hauler:	MCNABB PARTNERS
Driver	MIKE
Truck #	M76
Card #	
Job Ref #	

Ticket #:	700-1397058
Bid #:	O6UJ9A000JEC
Date:	2/8/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

acility: CRI

roduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	18.00 yards

enerator Certification Statement of Waste Status

ereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 88 regulatory determination, the above described waste is:

(RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by aracteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as ended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

iver/ Agent Signature	R360 Representative Signature

istomer Approval

THIS IS NOT AN INVOICE!

pproved By: _____ Date: _____

UJ9A01SK21

2/8/2023 10:17:54AM

R360 ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	37
Manif. Date:	2/8/2023
Hauler:	MCNABB PARTNERS
Driver	ALBARO
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1397091
Bid #:	O6UJ9A000JEC
Date:	2/8/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

acility: CRI

roduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	16.00 yards

enerator Certification Statement of Waste Status

ereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 88 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by aracteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as ended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

iver/ Agent Signature	R360 Representative Signature
_____	_____

ustomer Approval

THIS IS NOT AN INVOICE!

pproved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	38
Manif. Date:	2/8/2023
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1397100
Bid #:	O6UJ9A000JEC
Date:	2/8/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SK4Y 2/8/2023 11:48:54AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397110
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/8/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	39	Well Ser. #:	
Manif. Date:	2/8/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	MIKE	Field:	
Truck #	M76	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SK68 2/8/2023 12:30:27PM

R360 ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	40
Manif. Date:	2/8/2023
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1397168
Bid #:	O6UJ9A000JEC
Date:	2/8/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

acility: CRI

roduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	18.00 yards

enerator Certification Statement of Waste Status

hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by haracteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as nended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

river/ Agent Signature	R360 Representative Signature
_____	_____

ustomer Approval

THIS IS NOT AN INVOICE!

pproved By: _____ Date: _____

R360
ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397171
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/8/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	41	Well Ser. #:	
Manif. Date:	2/8/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	ALBARO	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

acility: CRI

roduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	16.00 yards

enerator Certification Statement of Waste Status

ereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

river/ Agent Signature	R360 Representative Signature
_____	_____

ustomer Approval

THIS IS NOT AN INVOICE!

pproved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	42
Manif. Date:	2/8/2023
Hauler:	MCNABB PARTNERS LLC
Driver	MIKE
Truck #	M 76
Card #	
Job Ref #	

Ticket #:	700-1397177
Bid #:	O6UJ9A000JEC
Date:	2/8/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SKAO 2/8/2023 2:48:59PM

R360 ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397182
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/8/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	43	Well Ser. #:	
Manif. Date:	2/8/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JOSH	Field:	
Truck #	M35	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

acility: CRI

roduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	16.00 yards

enerator Certification Statement of Waste Status

hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

river/ Agent Signature	R360 Representative Signature
_____	_____

ustomer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397421
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/9/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	44	Well Ser. #:	
Manif. Date:	2/9/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

acility: CRI

roduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	18.00 yards

enerator Certification Statement of Waste Status

hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

river/ Agent Signature	R360 Representative Signature
_____	_____

ustomer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SKOW 2/9/2023 10:18:39AM

R360 ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397425
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/9/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	45	Well Ser. #:	
Manif. Date:	2/9/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	GUMER	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

acility: CRI

roduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	16.00 yards

enerator Certification Statement of Waste Status

hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

river/ Agent Signature	R360 Representative Signature
_____	_____

ustomer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	46
Manif. Date:	2/9/2023
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1397456
Bid #:	O6UJ9A000JEC
Date:	2/9/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SKQN 2/9/2023 12:01:16PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	47
Manif. Date:	2/9/2023
Hauler:	MCNABB PARTNERS
Driver	ALBARO
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1397476
Bid #:	O6UJ9A000JEC
Date:	2/9/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397520
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/9/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	48	Well Ser. #:	
Manif. Date:	2/9/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

ermian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397525
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/9/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	49	Well Ser. #:	
Manif. Date:	2/9/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	ALBARO	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

acility: CRI

roduct / Service	Quantity Units
ontaminated Soil (RCRA Exempt)	16.00 yards

enerator Certification Statement of Waste Status

hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 988 regulatory determination, the above described waste is:

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

river/ Agent Signature	R360 Representative Signature
_____	_____

ustomer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397756
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/10/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	50	Well Ser. #:	
Manif. Date:	2/10/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JAVI	Field:	
Truck #	M81	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SL9V 2/10/2023 10:16:54AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397746
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/10/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	51	Well Ser. #:	
Manif. Date:	2/10/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	ALBARO	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397764
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/10/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	52	Well Ser. #:	
Manif. Date:	2/10/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	MIKE	Field:	
Truck #	76	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SLAJ 2/10/2023 10:53:00AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	53
Manif. Date:	2/10/2023
Hauler:	MCNABB PARTNERS
Driver	ALBARO
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1397791
Bid #:	O6UJ9A000JEC
Date:	2/10/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1397794
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/10/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	54	Well Ser. #:	
Manif. Date:	2/10/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JAVI	Field:	
Truck #	M81	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398490
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/13/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	
Manif. Date:	2/13/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	RUBEN	Field:	
Truck #	M-33	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398488
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/13/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	56	Well Ser. #:	
Manif. Date:	2/13/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JOEL	Field:	
Truck #	M-35	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDEW GARCIA
AFE #:	
PO #:	
Manifest #:	57
Manif. Date:	2/13/2023
Hauler:	MCNABB PARTNERS
Driver	ALBARO
Truck #	M-31
Card #	
Job Ref #	

Ticket #:	700-1398493
Bid #:	O6UJ9A000JEC
Date:	2/13/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398521
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/13/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	58	Well Ser. #:	
Manif. Date:	2/13/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JOEL	Field:	
Truck #	M35	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SMJM 2/13/2023 11:10:24AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	59
Manif. Date:	2/13/2023
Hauler:	MCNABB PARTNERS
Driver	RUBEN
Truck #	M-33
Card #	
Job Ref #	

Ticket #:	700-1398527
Bid #:	O6UJ9A000JEC
Date:	2/13/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398529
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/13/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	60	Well Ser. #:	
Manif. Date:	2/13/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	ALBARO	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GRACIA
AFE #:	
PO #:	
Manifest #:	61
Manif. Date:	2/13/2023
Hauler:	MCNABB PARTNERS
Driver	JOEL
Truck #	M-35
Card #	
Job Ref #	

Ticket #:	700-1398577
Bid #:	O6UJ9A000JEC
Date:	2/13/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398638
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/13/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	~~66~~ 62	Well Ser. #:	
Manif. Date:	2/13/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	ALBARO	Field:	
Truck #	M-31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SMR5 2/13/2023 3:29:50PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GARCIA
AFE #:	
PO #:	
Manifest #:	~~67~~ 63
Manif. Date:	2/13/2023
Hauler:	MCNABB PARTNERS
Driver	RUBEN
Truck #	M-33
Card #	
Job Ref #	

Ticket #:	700-1398596
Bid #:	O6UJ9A000JEC
Date:	2/13/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398623
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/13/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	~~68~~ 64	Well Ser. #:	
Manif. Date:	2/13/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JOEL	Field:	
Truck #	M-35	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SMQB 2/13/2023 3:01:54PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398589
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/13/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	65	Well Ser. #:	
Manif. Date:	2/13/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SMOJ 2/13/2023 1:55:32PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398595
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/13/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	66	Well Ser. #:	
Manif. Date:	2/13/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	ALBARO	Field:	
Truck #	M-31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398650
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/13/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	67	Well Ser. #:	
Manif. Date:	2/13/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398870
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	ANDREW GARCIA	Date:	2/14/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	68	Well Ser. #:	
Manif. Date:	2/14/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	RUBEN	Field:	
Truck #	M-33	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SN2M 2/14/2023 9:22:19AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398872
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/14/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	69	Well Ser. #:	
Manif. Date:	2/14/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JR	Field:	
Truck #	M 75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SN2U 2/14/2023 9:38:33AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	ANDREW GRACIA
AFE #:	
PO #:	
Manifest #:	70
Manif. Date:	2/14/2023
Hauler:	MCNABB PARTNERS
Driver	MIKE
Truck #	M-76
Card #	
Job Ref #	

Ticket #:	700-1398902
Bid #:	O6UJ9A000JEC
Date:	2/14/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SN4W 2/14/2023 11:09:20AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	COLTN BRUKERSTUFF
AFE #:	
PO #:	
Manifest #:	71
Manif. Date:	2/14/2023
Hauler:	MCNABB PARTNERS LLC
Driver	RUBEN
Truck #	M-33
Card #	
Job Ref #	

Ticket #:	700-1398920
Bid #:	O6UJ9A000JEC
Date:	2/14/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SN5M 2/14/2023 11:47:44AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAN WIDMER
AFE #:	
PO #:	
Manifest #:	72
Manif. Date:	2/14/2023
Hauler:	MCNABB PARTNERS LLC
Driver	JR
Truck #	M 75
Card #	
Job Ref #	

Ticket #:	700-1398932
Bid #:	O6UJ9A000JEC
Date:	2/14/2023
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SN64 2/14/2023 12:09:28PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398942
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/14/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	73	Well Ser. #:	
Manif. Date:	2/14/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	MIKE	Field:	
Truck #	M76	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

Still Loaded

t6UJ9A01SN73

2/14/2023 12:42:23PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398977
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/14/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	74	Well Ser. #:	
Manif. Date:	2/14/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	RUBEN	Field:	
Truck #	M-33	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1398986
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/14/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	75	Well Ser. #:	
Manif. Date:	2/14/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	76
Manif. Date:	2/15/2023
Hauler:	MCNABB PARTNERS
Driver	MIKE
Truck #	M-26
Card #	
Job Ref #	

Ticket #:	700-1399162
Bid #:	O6UJ9A000JEC
Date:	2/15/2023
Generator:	CONOCOPHILLIPS
Generator #:	40946
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SNK1 / 2/15/2023 7:05:04AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1399209
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/15/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	40946
Manifest #:	77	Well Ser. #:	
Manif. Date:	2/15/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	MIKE	Field:	
Truck #	M 76	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SNNF 2/15/2023 9:45:03AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	78
Manif. Date:	2/15/2023
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M83
Card #	
Job Ref #	

Ticket #:	700-1399220
Bid #:	O6UJ9A000JEC
Date:	2/15/2023
Generator:	CONOCOPHILLIPS
Generator #:	40946
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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Approved By: _____ Date: _____

t6UJ9A01SNNY

2/15/2023 10:14:20AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1399228
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/15/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	40946
Manifest #:	79	Well Ser. #:	
Manif. Date:	2/15/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JR	Field:	
Truck #	M-75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SNOB 2/15/2023 10:28:13AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	80
Manif. Date:	2/15/2023
Hauler:	MCNABB PARTNERS
Driver	MIKE
Truck #	M-76
Card #	
Job Ref #	

Ticket #:	700-1399275
Bid #:	O6UJ9A000JEC
Date:	2/15/2023
Generator:	CONOCOPHILLIPS
Generator #:	40946
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	81
Manif. Date:	2/15/2023
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M-83
Card #	
Job Ref #	

Ticket #:	700-1399267
Bid #:	O6UJ9A000JEC
Date:	2/15/2023
Generator:	CONOCOPHILLIPS
Generator #:	40946
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1399287
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/15/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	40946
Manifest #:	82	Well Ser. #:	
Manif. Date:	2/15/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS	Well #:	
Driver	JR	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

APPENDIX F
Laboratory Analytical Data

CARDINAL Laboratories

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

February 06, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E UPPER BATTERY RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/03/23 14:09.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 1 (H230488-01)

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	02/03/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/03/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/03/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2023	ND	193	96.3	200	5.94	
DRO >C10-C28*	**516**	10.0	02/06/2023	ND	185	92.4	200	7.78	
EXT DRO >C28-C36	**224**	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 2 (H230488-02)

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	02/03/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/03/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/03/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2023	ND	193	96.3	200	5.94	
DRO >C10-C28*	**437**	10.0	02/06/2023	ND	185	92.4	200	7.78	
EXT DRO >C28-C36	**211**	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane *93.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 3 (H230488-03)

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	02/03/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/03/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/03/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	193	96.3	200	5.94	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	185	92.4	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane *91.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 4 (H230488-04)

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	02/04/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/03/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	193	96.3	200	5.94	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	185	92.4	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane *91.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 5 (H230488-05)

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	02/04/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	02/03/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2023	ND	193	96.3	200	5.94	
DRO >C10-C28*	<10.0	10.0	02/04/2023	ND	185	92.4	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	02/04/2023	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 6 (H230488-06)

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	02/04/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/03/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2023	ND	193	96.3	200	5.94	
DRO >C10-C28*	<10.0	10.0	02/04/2023	ND	185	92.4	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	02/04/2023	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 8 (H230488-07)

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	02/04/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	02/03/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2023	ND	193	96.3	200	5.94	
DRO >C10-C28*	<10.0	10.0	02/04/2023	ND	185	92.4	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	02/04/2023	ND					

Surrogate: 1-Chlorooctane *79.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 13 (H230488-08)

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	02/04/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1020**	16.0	02/03/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2023	ND	193	96.3	200	5.94	
DRO >C10-C28*	<10.0	10.0	02/04/2023	ND	185	92.4	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	02/04/2023	ND					

Surrogate: 1-Chlorooctane *82.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 14 (H230488-09)

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	02/04/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/03/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2023	ND	193	96.3	200	5.94	
DRO >C10-C28*	<10.0	10.0	02/04/2023	ND	185	92.4	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	02/04/2023	ND					

Surrogate: 1-Chlorooctane *91.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Conoco Phillips
Project Manager:	Christian Llull
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	212C-MD-02793 Project Owner:
Project Name:	James E Upper Battery Release
Project Location:	Lea Co, NM
Sampler Name:	Andrew Garcia

BILL TO

P.O. #:	
Company:	Tetra Tech
Attn:	Christian Llull
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: 2023 DATE	TIME	TPH	BTEX	Chloride 4500
H230488																	
1	ESW-1	G	1			X					1		02/03	900	X	X	X
2	ESW-2													915			
3	ESW-3													930			
4	ESW-4													945			
5	ESW-5													1000			
6	ESW-6													1015			
7	FS-8													1030			
8	FS-13													1045			
9	FS-14													1100			

Relinquished By:	Andrew Garcia	Date: 02/03/23 Time: 1409	Received By: SRodriguez
Relinquished By:		Date: Time:	Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
Christian.Llull@tetratech.com
REMARKS:
Ryan.Dickerson@TetraTech.com

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C 21.1c
Corrected Temp. °C 20.5c

Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No

CHECKED BY: (Initials) SR

Turnaround Time: Standard ☐ Rush ☑
Thermometer ID #113
Correction Factor -0.6°C
24 Hr

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM-006 R 3.3 07/18/22

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

CARDINAL Laboratories

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

February 08, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E UPPER BATTERY RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/07/23 16:00.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 6 (H230531-01)

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	02/07/2023	ND	2.05	103	2.00	2.25	
Toluene*	<0.050	0.050	02/07/2023	ND	2.12	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/07/2023	ND	2.07	103	2.00	1.88	
Total Xylenes*	<0.150	0.150	02/07/2023	ND	6.33	106	6.00	2.37	
Total BTEX	<0.300	0.300	02/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1070**	16.0	02/08/2023	ND	416	104	400	10.9	

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	02/08/2023	ND	204	102	200	3.44	
DRO >C10-C28*	**13.0**	10.0	02/08/2023	ND	210	105	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	02/08/2023	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 7 (H230531-02)

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	02/07/2023	ND	2.05	103	2.00	2.25	
Toluene*	<0.050	0.050	02/07/2023	ND	2.12	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/07/2023	ND	2.07	103	2.00	1.88	
Total Xylenes*	<0.150	0.150	02/07/2023	ND	6.33	106	6.00	2.37	
Total BTEX	<0.300	0.300	02/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	02/08/2023	ND	416	104	400	10.9	

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	02/08/2023	ND	204	102	200	3.44	
DRO >C10-C28*	<10.0	10.0	02/08/2023	ND	210	105	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	02/08/2023	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *124 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 9 (H230531-03)

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	02/07/2023	ND	2.05	103	2.00	2.25	
Toluene*	<0.050	0.050	02/07/2023	ND	2.12	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/07/2023	ND	2.07	103	2.00	1.88	
Total Xylenes*	<0.150	0.150	02/07/2023	ND	6.33	106	6.00	2.37	
Total BTEX	<0.300	0.300	02/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	02/08/2023	ND	416	104	400	10.9	

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	02/08/2023	ND	204	102	200	3.44	
DRO >C10-C28*	<10.0	10.0	02/08/2023	ND	210	105	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	02/08/2023	ND					

Surrogate: 1-Chlorooctane *93.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 10 (H230531-04)

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	02/07/2023	ND	2.05	103	2.00	2.25	
Toluene*	<0.050	0.050	02/07/2023	ND	2.12	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/07/2023	ND	2.07	103	2.00	1.88	
Total Xylenes*	<0.150	0.150	02/07/2023	ND	6.33	106	6.00	2.37	
Total BTEX	<0.300	0.300	02/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1330**	16.0	02/08/2023	ND	416	104	400	10.9	

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	02/08/2023	ND	204	102	200	3.44	
DRO >C10-C28*	<10.0	10.0	02/08/2023	ND	210	105	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	02/08/2023	ND					

Surrogate: 1-Chlorooctane *99.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 12 (H230531-05)

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	02/07/2023	ND	2.05	103	2.00	2.25	
Toluene*	<0.050	0.050	02/07/2023	ND	2.12	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/07/2023	ND	2.07	103	2.00	1.88	
Total Xylenes*	<0.150	0.150	02/07/2023	ND	6.33	106	6.00	2.37	
Total BTEX	<0.300	0.300	02/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**736**	16.0	02/08/2023	ND	416	104	400	10.9	

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	02/08/2023	ND	204	102	200	3.44	
DRO >C10-C28*	<10.0	10.0	02/08/2023	ND	210	105	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	02/08/2023	ND					

Surrogate: 1-Chlorooctane *94.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 7 (H230531-06)

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	02/07/2023	ND	2.05	103	2.00	2.25	
Toluene*	<0.050	0.050	02/07/2023	ND	2.12	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/07/2023	ND	2.07	103	2.00	1.88	
Total Xylenes*	<0.150	0.150	02/07/2023	ND	6.33	106	6.00	2.37	
Total BTEX	<0.300	0.300	02/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	02/08/2023	ND	416	104	400	10.9	

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	02/08/2023	ND	204	102	200	3.44	
DRO >C10-C28*	<10.0	10.0	02/08/2023	ND	210	105	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	02/08/2023	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *133 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 8 (H230531-07)

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	02/07/2023	ND	2.05	103	2.00	2.25	
Toluene*	<0.050	0.050	02/07/2023	ND	2.12	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/07/2023	ND	2.07	103	2.00	1.88	
Total Xylenes*	<0.150	0.150	02/07/2023	ND	6.33	106	6.00	2.37	
Total BTEX	<0.300	0.300	02/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/08/2023	ND	416	104	400	10.9	

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	02/08/2023	ND	204	102	200	3.44	
DRO >C10-C28*	<10.0	10.0	02/08/2023	ND	210	105	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	02/08/2023	ND					

Surrogate: 1-Chlorooctane *80.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 9 (H230531-08)

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	02/07/2023	ND	2.05	103	2.00	2.25	
Toluene*	<0.050	0.050	02/07/2023	ND	2.12	106	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/07/2023	ND	2.07	103	2.00	1.88	
Total Xylenes*	<0.150	0.150	02/07/2023	ND	6.33	106	6.00	2.37	
Total BTEX	<0.300	0.300	02/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/08/2023	ND	400	100	400	3.92	

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	02/08/2023	ND	204	102	200	3.44	
DRO >C10-C28*	<10.0	10.0	02/08/2023	ND	210	105	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	02/08/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *129 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ConocoPhillips
Project Manager: ~~[illegible]~~ (CB) Ryan Dickerson
Address:
City: State: Zip:
Phone #: Fax #:
Project #: 212C-MD-02793 Project Owner:
Project Name: James E Upper Battery Release
Project Location: Lea County, NM
Sampler Name: Colton Birkerstaff

BILL TO
P.O. #:
Company: Tetra Tech
Attn: Ryan Dickerson
Address: by email
City:
State: Zip:
Phone #:
Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH	BTEX	Chlorides
H230531																	
1	FS-6	G	1			X					X		2/7/23		X	X	X
2	FS-7	↓	↓			↓					↓		↓		↓	↓	↓
3	FS-9																
4	FS-10																
5	FS-12																
6	ESW-7																
7	NSW-8																
8	NSW-9																

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Colton Birkerstaff Date: 2/7/23 Time: 1600 Received By: Tamara Oldaker
Relinquished By: Date: Time: Received By:

Verbal Result: ☐ Yes ☑ No Add'l Phone #:
All Results are emailed. Please provide Email address:
Ryan.Dickerson@tetratech.com
REMARKS:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C 9.9
Corrected Temp. °C 9.3

Sample Condition
Cool: ☐ Yes ☑ No
Intact: ☑ Yes ☐ No

CHECKED BY: (Initials) TO

Turnaround Time: Standard ☐ Rush ☑ 24hr TAT
Thermometer ID #113
Correction Factor -0.6°C

Bacteria (only) Sample Condition
Cool: ☐ Yes ☐ No
Intact: ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM-006 R 3.3 07/18/22

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

CARDINAL Laboratories

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

February 10, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E UPPER BATTERY RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/09/23 15:32.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 6 (H230611-01)

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	02/09/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/09/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/09/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/09/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**944**	16.0	02/10/2023	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	02/10/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	**152**	10.0	02/10/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	**57.8**	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 7 (H230611-02)

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	02/09/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/09/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/09/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/09/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 8 (H230611-03)

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	02/09/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/09/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/09/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/09/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	02/10/2023	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	02/10/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	**64.3**	10.0	02/10/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	**19.6**	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 9 (H230611-04)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *127 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 10 (H230611-05)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 11 (H230611-06)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 12 (H230611-07)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	**11.7**	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *89.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 13 (H230611-08)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *94.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Analytical Results For:

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901 WEST WALL STREET , STE 100
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Fax To: (432) 682-3946

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 14 (H230611-09)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *94.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 9 (H230611-10)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 1 (4') (H230611-11)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *132 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 2 (4') (H230611-12)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *127 %* *49.1-148*

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Analytical Results For:

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MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: SSW - 1 (H230611-13)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	**116**	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	**61.6**	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: SSW - 2 (H230611-14)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	02/10/2023	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	02/09/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	**10.1**	10.0	02/09/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 1 (H230611-15)

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	02/10/2023	ND	1.89	94.3	2.00	11.0	
Toluene*	<0.050	0.050	02/10/2023	ND	1.92	96.1	2.00	13.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.90	94.9	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.86	97.6	6.00	10.8	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/10/2023	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	02/10/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 2 (H230611-16)

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	02/10/2023	ND	1.87	93.4	2.00	13.5	
Toluene*	<0.050	0.050	02/10/2023	ND	1.84	92.1	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.81	90.3	2.00	14.3	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.48	91.4	6.00	14.5	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/10/2023	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	02/10/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 3 (H230611-17)

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	02/10/2023	ND	1.87	93.4	2.00	13.5	
Toluene*	<0.050	0.050	02/10/2023	ND	1.84	92.1	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.81	90.3	2.00	14.3	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.48	91.4	6.00	14.5	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/10/2023	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	02/10/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 4 (H230611-18)

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	02/10/2023	ND	1.87	93.4	2.00	13.5	
Toluene*	<0.050	0.050	02/10/2023	ND	1.84	92.1	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.81	90.3	2.00	14.3	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.48	91.4	6.00	14.5	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/10/2023	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	02/10/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 5 (H230611-19)

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	02/10/2023	ND	1.87	93.4	2.00	13.5	
Toluene*	<0.050	0.050	02/10/2023	ND	1.84	92.1	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.81	90.3	2.00	14.3	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.48	91.4	6.00	14.5	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/10/2023	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	02/10/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *97.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 6 (H230611-20)

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	02/10/2023	ND	1.87	93.4	2.00	13.5	
Toluene*	<0.050	0.050	02/10/2023	ND	1.84	92.1	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.81	90.3	2.00	14.3	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.48	91.4	6.00	14.5	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/10/2023	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	02/10/2023	ND	176	87.8	200	2.16	
DRO >C10-C28*	**121**	10.0	02/10/2023	ND	188	93.8	200	0.765	
EXT DRO >C28-C36	**73.0**	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *95.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 7 (H230611-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	1.87	93.4	2.00	13.5	
Toluene*	<0.050	0.050	02/10/2023	ND	1.84	92.1	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.81	90.3	2.00	14.3	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.48	91.4	6.00	14.5	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	02/10/2023	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	02/09/2023	ND	194	97.0	200	4.35	
DRO >C10-C28*	<10.0	10.0	02/09/2023	ND	186	93.0	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 20 (H230611-22)

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	02/10/2023	ND	1.87	93.4	2.00	13.5	
Toluene*	<0.050	0.050	02/10/2023	ND	1.84	92.1	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.81	90.3	2.00	14.3	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.48	91.4	6.00	14.5	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**848**	16.0	02/10/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/10/2023	ND	194	97.0	200	4.35	
DRO >C10-C28*	**3330**	50.0	02/10/2023	ND	186	93.0	200	4.91	
EXT DRO >C28-C36	**661**	50.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *165 %* *49.1-148*

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Analytical Results For:

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MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 21 (H230611-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	1.87	93.4	2.00	13.5	
Toluene*	<0.050	0.050	02/10/2023	ND	1.84	92.1	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.81	90.3	2.00	14.3	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.48	91.4	6.00	14.5	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	02/10/2023	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	02/09/2023	ND	194	97.0	200	4.35	
DRO >C10-C28*	**24.8**	10.0	02/09/2023	ND	186	93.0	200	4.91	
EXT DRO >C28-C36	**14.7**	10.0	02/09/2023	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/09/2023	Sampling Date:	02/09/2023
Reported:	02/10/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 22 (H230611-24)

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	02/10/2023	ND	1.87	93.4	2.00	13.5	
Toluene*	<0.050	0.050	02/10/2023	ND	1.84	92.1	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	1.81	90.3	2.00	14.3	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	5.48	91.4	6.00	14.5	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**848**	16.0	02/10/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/10/2023	ND	194	97.0	200	4.35	
DRO >C10-C28*	**2470**	50.0	02/10/2023	ND	186	93.0	200	4.91	
EXT DRO >C28-C36	**519**	50.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *210 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1v1 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Tetra Tech		BILL TO	
Project Manager: Ryan Dickerson		P.O. #:	
Address: 8911 Capital o Texas Hwy, Suite 2310		Company: Tetra Tech	
City: Austin	State: TX Zip:	Attn: Ryan Dickerson	
Phone #: (512)565-0190	Fax #:	Address: EMAIL	
Project #: 212C-MD-02793	Project Owner: ConocoPhillips	City:	
Project Name: James E Upper Battery Release		State: Zip:	
Project Location: Lea County, New Mexico		Phone #:	
Sampler Name: Colton Bickerstaff		Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015M	BTEX 8021B	Chloride SM4500CI-B
H230611																	
1	WSW-6	G	1			X					X		2/9/2023		X	X	X
2	WSW-7	G	1			X					X		2/9/2023		X	X	X
3	WSW-8	G	1			X					X		2/9/2023		X	X	X
4	WSW-9	G	1			X					X		2/9/2023		X	X	X
5	WSW-10	G	1			X					X		2/9/2023		X	X	X
6	WSW-11	G	1			X					X		2/9/2023		X	X	X
7	WSW-12	G	1			X					X		2/9/2023		X	X	X
8	WSW-13	G	1			X					X		2/9/2023		X	X	X
9	WSW-14	G	1			X					X		2/9/2023		X	X	X
10	ESW-9	G	1			X					X		2/9/2023		X	X	X

Relinquished By: Colton Bickerstaff	Date: 2/9/23 Time: 1532	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
Relinquished By:	Date: Time:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.8 Corrected Temp. °C 3.2	Sample Condition Cool ☑ Yes Intact ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush: YES, 24 HR. TAT ☑ ☐ Cool Intact Observed Temp. °C
Thermometer ID #113
Correction Factor ~~-0.5°C~~ -0.6°C
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech		BILL TO	
Project Manager: Ryan Dickerson		P.O. #:	
Address: 8911 Capital o Texas Hwy, Suite 2310		Company: Tetra Tech	
City: Austin	State: TX Zip:	Attn: Ryan Dickerson	
Phone #: (512)565-0190	Fax #:	Address: EMAIL	
Project #: 212C-MD-02793	Project Owner: ConocoPhillips	City:	
Project Name: James E Upper Battery Release		State: Zip:	
Project Location: Lea County, New Mexico		Phone #:	
Sampler Name: Colton Bickerstaff		Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015M	BTEX 8021B	Chloride SM4500CI-B
H230011																	
11	ESW-1 (4')	G	1			X					X		2/9/2023		X	X	X
12	ESW-2 (4')	G	1			X					X		2/9/2023		X	X	X
13	SSW-1	G	1			X					X		2/9/2023		X	X	X
14	SSW-2	G	1			X					X		2/9/2023		X	X	X
15	NSW-1	G	1			X					X		2/9/2023		X	X	X
16	NSW-2	G	1			X					X		2/9/2023		X	X	X
17	NSW-3	G	1			X					X		2/9/2023		X	X	X
18	NSW-4	G	1			X					X		2/9/2023		X	X	X
19	NSW-5	G	1			X					X		2/9/2023		X	X	X
20	NSW-6	G	1			X					X		2/9/2023		X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Colton Bickerstaff	Date: 2/9/23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1532		All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.8 Corrected Temp. °C 3.2	Sample Condition Cool: Yes Intact: Yes / No No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: YES, 24 HR. TAT ☐ Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.6°C -0.4°C Yes Yes / No No Corrected Temp. °C

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1089 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Tetra Tech		BILL TO	
Project Manager: Ryan Dickerson		P.O. #:	
Address: 8911 Capital o Texas Hwy, Suite 2310		Company: Tetra Tech	
City: Austin	State: TX Zip:	Attn: Ryan Dickerson	
Phone #: (512)565-0190	Fax #:	Address: EMAIL	
Project #: 212C-MD-02793	Project Owner: ConocoPhillips	City:	
Project Name: James E Upper Battery Release		State: Zip:	
Project Location: Lea County, New Mexico		Phone #:	
Sampler Name: Colton Bickerstaff		Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B
H230611																	
21	NSW-7	G	1			X					X		2/9/2023		X	X	X
22	FS-20	G	1			X					X		2/9/2023		X	X	X
23	FS-21	G	1			X					X		2/9/2023		X	X	X
24	FS-22	G	1			X					X		2/9/2023		X	X	X
													2/9/2023				
													2/9/2023				
													2/9/2023				
													2/9/2023				
													2/9/2023				
													2/9/2023				

Relinquished By: Colton Bickerstaff	Date: 2/9/23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1532		All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.8 Corrected Temp. °C 3.2	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush: YES, 24 HR. TAT ☑ ☐ Cool Intact Observed Temp. °C
Thermometer ID #113
Correction Factor ~~0.5°C~~ -0.6°C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CARDINAL Laboratories

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

February 14, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E UPPER BATTERY RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/13/23 15:46.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 6 (2') (H230668-01)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	02/14/2023	ND	416	104	400	7.41	

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	02/14/2023	ND	170	84.9	200	0.684	
DRO >C10-C28*	**31.6**	10.0	02/14/2023	ND	175	87.6	200	2.92	
EXT DRO >C28-C36	**13.9**	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *55.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *57.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: NSW - 6 (2') (H230668-02)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	02/14/2023	ND	416	104	400	7.41	

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	02/13/2023	ND	170	84.9	200	0.684	
DRO >C10-C28*	**24.9**	10.0	02/13/2023	ND	175	87.6	200	2.92	
EXT DRO >C28-C36	**16.4**	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane *62.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *64.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: SSW - 1 (2') (H230668-03)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/14/2023	ND	416	104	400	7.41	

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	02/13/2023	ND	170	84.9	200	0.684	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	175	87.6	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane *69.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *70.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: SSW - 2 (2') (H230668-04)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	02/14/2023	ND	416	104	400	7.41	

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	02/13/2023	ND	170	84.9	200	0.684	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	175	87.6	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane *65.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *66.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: SSW - 3 (H230668-05)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/14/2023	ND	416	104	400	7.41	

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	02/13/2023	ND	170	84.9	200	0.684	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	175	87.6	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane *67.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 4 (H230668-06)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/14/2023	ND	416	104	400	7.41	

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	02/13/2023	ND	170	84.9	200	0.684	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	175	87.6	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane *92.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

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Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 5 (H230668-07)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/14/2023	ND	416	104	400	7.41	

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	02/13/2023	ND	170	84.9	200	0.684	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	175	87.6	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane *87.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.6 %* *49.1-148*

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Analytical Results For:

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RYAN DICKERSON
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: ESW - 8 (H230668-08)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/14/2023	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	02/13/2023	ND	170	84.9	200	0.684	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	175	87.6	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane *80.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.7 %* *49.1-148*

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Analytical Results For:

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MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 1 (H230668-09)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.8 %* *49.1-148*

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Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 2 (H230668-10)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1060**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *93.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 3 (H230668-11)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1090**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *98.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 4 (H230668-12)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**976**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *81.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.6 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 5 (H230668-13)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1400**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *97.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 11 (H230668-14)

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	02/13/2023	ND	2.10	105	2.00	5.92	
Toluene*	<0.050	0.050	02/13/2023	ND	2.09	104	2.00	6.21	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.04	102	2.00	6.18	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.20	103	6.00	5.96	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**880**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Analytical Results For:

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Fax To: (432) 682-3946

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 15 (H230668-15)

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	02/13/2023	ND	2.09	105	2.00	0.952	
Toluene*	<0.050	0.050	02/13/2023	ND	2.08	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.05	102	2.00	1.26	QM-07
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.16	103	6.00	1.36	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *99.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 16 (H230668-16)

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	02/13/2023	ND	2.09	105	2.00	0.952	
Toluene*	<0.050	0.050	02/13/2023	ND	2.08	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.05	102	2.00	1.26	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.16	103	6.00	1.36	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *94.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 19 (H230668-17)

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	02/13/2023	ND	2.09	105	2.00	0.952	
Toluene*	<0.050	0.050	02/13/2023	ND	2.08	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.05	102	2.00	1.26	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.16	103	6.00	1.36	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	**10.6**	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *89.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 20 (4') (H230668-18)

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	02/13/2023	ND	2.09	105	2.00	0.952	
Toluene*	<0.050	0.050	02/13/2023	ND	2.08	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.05	102	2.00	1.26	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.16	103	6.00	1.36	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	**47.1**	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	**14.3**	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/13/2023	Sampling Date:	02/13/2023
Reported:	02/14/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 22 (4') (H230668-19)

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	02/13/2023	ND	2.09	105	2.00	0.952	
Toluene*	<0.050	0.050	02/13/2023	ND	2.08	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.05	102	2.00	1.26	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.16	103	6.00	1.36	
Total BTEX	<0.300	0.300	02/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	02/14/2023	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	02/14/2023	ND	200	100	200	1.11	
DRO >C10-C28*	**40.0**	10.0	02/14/2023	ND	174	86.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *81.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech	BILL TO
Project Manager: Ryan Dickerson	P.O. #:
Address: 8911 Capital o Texas Hwy, Suite 2310	Company: Tetra Tech
City: Austin State: TX Zip:	Attn: Ryan Dickerson
Phone #: (512)565-0190 Fax #:	Address: EMAIL
Project #: 212C-MD-02793 Project Owner: ConocoPhillips	City:
Project Name: James E Upper Battery Release	State: Zip:
Project Location: Lea County, New Mexico	Phone #:
Sampler Name: Colton Bickerstaff	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B
H230608																	
1	WSW-6 (2')	G	1			X					X		2/13/2023		X	X	X
2	NSW-6 (2')	G	1			X					X		2/13/2023		X	X	X
3	SSW-1 (2')	G	1			X					X		2/13/2023		X	X	X
4	SSW-2 (2')	G	1			X					X		2/13/2023		X	X	X
5	SSW-3	G	1			X					X		2/13/2023		X	X	X
6	WSW-4	G	1			X					X		2/13/2023		X	X	X
7	WSW-5	G	1			X					X		2/13/2023		X	X	X
8	ESW-8	G	1			X					X		2/13/2023		X	X	X
9	FS-1	G	1			X					X		2/13/2023		X	X	X
10	FS-2																

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Colton Bickerstaff	Date: 2/13/23	Received By:	Verbal Result: ☐ Yes ☐ No
	Time: 1546		All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.3 Corrected Temp. °C 3.7	Sample Condition Cool Intact ☑ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition ☐ Cool Intact Observed Temp. °C Rush: YES, 24 HR, 1AT ☐ Thermometer ID #113 Correction Factor -0.5°C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech	BILL TO
Project Manager: Ryan Dickerson	P.O. #:
Address: 8911 Capital o Texas Hwy, Suite 2310	Company: Tetra Tech
City: Austin State: TX Zip:	Attn: Ryan Dickerson
Phone #: (512)565-0190 Fax #:	Address: EMAIL
Project #: 212C-MD-02793 Project Owner: ConocoPhillips	City:
Project Name: James E Upper Battery Release	State: Zip:
Project Location: Lea County, New Mexico	Phone #:
Sampler Name: Colton Bickerstaff	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B
H230108																	
11	FS-3	G	1			X					X		2/13/2023		X	X	X
12	FS-4	G	1			X					X		2/13/2023		X	X	X
13	FS-5	G	1			X					X		2/13/2023		X	X	X
14	FS-11	G	1			X					X		2/13/2023		X	X	X
15	FS-15	G	1			X					X		2/13/2023		X	X	X
16	FS-16	G	1			X					X		2/13/2023		X	X	X
17	FS-19	G	1			X					X		2/13/2023		X	X	X
18	FS-20 (4')	G	1			X					X		2/13/2023		X	X	X
19	FS-22 (4')																

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Colton Bickerstaff	Date: 2/13/23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1546		All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.3 Corrected Temp. °C 3.7	Sample Condition Cool Intact ☑ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush: YES, 84 HR, TAT ☑ Cool Intact Observed Temp. °C
Thermometer ID #113
Correction Factor -0.5°C
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

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

February 15, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E UPPER BATTERY RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/14/23 15:37.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/14/2023	Sampling Date:	02/14/2023
Reported:	02/15/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 17 (H230693-01)

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	02/14/2023	ND	2.09	105	2.00	11.8	
Toluene*	<0.050	0.050	02/14/2023	ND	2.08	104	2.00	12.3	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.04	102	2.00	13.0	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.16	103	6.00	12.2	
Total BTEX	<0.300	0.300	02/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/15/2023	ND	400	100	400	3.92	

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	02/15/2023	ND	176	87.8	200	0.999	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	175	87.3	200	0.900	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					

Surrogate: 1-Chlorooctane *74.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/14/2023	Sampling Date:	02/14/2023
Reported:	02/15/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: FS - 18 (H230693-02)

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	02/14/2023	ND	2.09	105	2.00	11.8	
Toluene*	<0.050	0.050	02/14/2023	ND	2.08	104	2.00	12.3	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.04	102	2.00	13.0	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.16	103	6.00	12.2	
Total BTEX	<0.300	0.300	02/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/15/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	176	87.8	200	0.999	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	175	87.3	200	0.900	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *64.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/14/2023	Sampling Date:	02/14/2023
Reported:	02/15/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 1 (H230693-03)

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	02/14/2023	ND	2.09	105	2.00	11.8	
Toluene*	<0.050	0.050	02/14/2023	ND	2.08	104	2.00	12.3	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.04	102	2.00	13.0	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.16	103	6.00	12.2	
Total BTEX	<0.300	0.300	02/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/15/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	176	87.8	200	0.999	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	175	87.3	200	0.900	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *73.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/14/2023	Sampling Date:	02/14/2023
Reported:	02/15/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 2 (H230693-04)

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	02/14/2023	ND	2.09	105	2.00	11.8	
Toluene*	<0.050	0.050	02/14/2023	ND	2.08	104	2.00	12.3	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.04	102	2.00	13.0	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.16	103	6.00	12.2	
Total BTEX	<0.300	0.300	02/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/15/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.1	200	3.32	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	188	94.1	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *81.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.4 %* *49.1-148*

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RYAN DICKERSON
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Fax To: (432) 682-3946

Received:	02/14/2023	Sampling Date:	02/14/2023
Reported:	02/15/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02793	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

Sample ID: WSW - 3 (H230693-05)

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	02/14/2023	ND	2.09	105	2.00	11.8	
Toluene*	<0.050	0.050	02/14/2023	ND	2.08	104	2.00	12.3	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.04	102	2.00	13.0	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.16	103	6.00	12.2	
Total BTEX	<0.300	0.300	02/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/15/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.1	200	3.32	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	188	94.1	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane *87.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.7 %* *49.1-148*

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech		**BILL TO**	
Project Manager: Ryan Dickerson		P.O. #:	
Address: 8911 Capital o Texas Hwy, Suite 2310		Company: Tetra Tech	
City: Austin	State: TX Zip:	Attn: Ryan Dickerson	
Phone #: (512)565-0190	Fax #:	Address: EMAIL	
Project #: 212C-MD-02793	Project Owner: ConocoPhillips	City:	
Project Name: James E Upper Battery Release		State: Zip:	
Project Location: Lea County, New Mexico		Phone #:	
Sampler Name: Colton Bickerstaff		Fax #:	

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500CI-B
H230693																	
1	FS-17	G	1			X					X		2/14/2023		X	X	X
2	FS-18	G	1			X					X		2/14/2023		X	X	X
3	WSW-1	G	1			X					X		2/14/2023		X	X	X
4	WSW-2	G	1			X					X		2/14/2023		X	X	X
5	WSW-3	G	1			X					X		2/14/2023		X	X	X

ANALYSIS REQUEST

Relinquished By: Colton Bickerstaff	Date: 2/14/23 Time: 1537	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
Relinquished By:	Date: Time:	Received By:	REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.1c Corrected Temp. °C 2.5c	Sample Condition Cool: Yes ☑ Intact: Yes ☑ / No ☐ No ☐	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Bacteria (only) Sample Condition Rush: YES, 24 HR, TAT ☐ Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.5°C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

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
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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 195429

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 195429
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please implement 19.15.29.13 NMAC when completing P&A.	3/17/2023