



September 26, 2023

Mike Bratcher  
District Supervisor  
Oil Conservation Division, District 2  
811 S. First St.  
Artesia, NM 88210

**Re: REVISED Closure Report  
ConocoPhillips  
James A Battery Line Release  
Unit Letter J, Section 2, Township 22 South, Range 30 East  
Eddy County, New Mexico  
2RP-406  
Incident ID nMLB1011352696**

Dear Mr. Bratcher:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred from a transition line at the James A Battery. The release point is located on the James A Battery production pad, which is shared with the plugged and abandoned James A #002 well (API No. 30-015-25699). The release footprint is located in Public Land Survey System (PLSS) Unit Letter J, Section 2, Township 22 South, Range 30 East, in Eddy County, New Mexico (Site). The approximate release point occurred at coordinates 32.418694°, -103.849278°, as shown on Figures 1 and 2.

## BACKGROUND

According to the State of New Mexico C-141 Initial Report, on April 22, 2010 a release occurred from a 1-inch hole on a 3-inch transition line at the James A Battery due to internal corrosion. The release consisted of approximately 12 barrels (bbls) of produced water, of which none were recovered. The release reportedly affected a 741-ft by 3-ft area of caliche pad and pasture. The New Mexico Oil Conservation District (NMOCD) approved the initial C-141 on April 23, 2010 and subsequently assigned the release the Remediation Permit (RP) number 2RP-406 and the Incident ID nMLB1011352696. The initial C-141 form is included in Appendix A. The 2RP-406 release is included in an Agreed Compliance Order-Releases (ACO-R) between COP and the NMOCD signed on May 7 and 9, 2019, respectively.

A portion of the release footprint was coincident with a newer release with Incident ID nAB1800955828 (DOR: 01/07/2018). The release area associated with the 2018 release was remediated in November and December of 2019. Remediation, as proposed in the Work Plan, included excavation, disposal and confirmation sampling. Following remediation and reclamation, a Closure Report was submitted to NMOCD on February 24, 2020. The Closure Report was approved on June 17, 2021 by Bradford Billings of the NMOCD. The remediated area associated with Incident ID nAB1800955828 is indicated in Figure 3.

## LAND OWNERSHIP

The Site is located on land owned by the New Mexico State Land Office (NMSLO). Prior to conducting remediation activities, the Remediation Work Plan was submitted to the NMSLO for review.

## SITE CHARACTERIZATION

A site characterization was performed and no lakebeds, sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, wetlands, incorporated

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municipal boundaries, subsurface mines, or floodplains are located within the specified in 19.15.29 New Mexico Administrative Code (NMAC). However, the site is in a high karst potential area.

The Site is within a New Mexico oil and gas production area. According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within 800 meters (approximately ½ mile) of the Site. Based on available data from one (1) water well located within 5,600 meters (approximately 3.5 miles) of the Site, the average depth to groundwater is 262 ft below ground surface (bgs).

As the available water level information is from a well further than ½ mile away from the site, ConocoPhillips elected to drill a boring to verify depth to groundwater. On September 26, 2022, a licensed well drilling subcontractor was onsite to drill a groundwater determination borehole (DTW) to 55 feet bgs along the edge of the James A Waterflood Facility pad (0.14 mile from the James A Battery Line Release). The borehole was temporarily set and screened using 2-inch PVC well materials. No water was present in the well during or after drilling. The well screen and casing were removed, and the borehole was plugged with 3/8-inch bentonite chips. The site characterization data, boring log, and temporary well diagram are 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 (high potential for karst), the RRALs for the Site are as follows:

Constituent	RRAL
Chloride	600 mg/kg
TPH	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

## RECORDS REVIEW AND VISUAL SITE INSPECTION

A file search on the NMOCD Online Imaging web application revealed no records of investigation, assessment, or remediation activities taken at the Site, nor communications between agencies regarding the 2RP-406 release. The reported release point from the C-141 is in the pasture east of the battery pad. Based on a review of available historical aerial imagery, the approximate release point occurred approximately 515 feet west-northwest of the coordinates provided on the initial C-141. A cursory review of aerial imagery from October 2010 indicated an approximate footprint that matched the extent described in the initial C-141 (Figure 3).

On behalf of COP, on June 11, 2020 Tetra Tech personnel conducted a visual Site inspection at the 2RP-406 release area to evaluate current conditions at the Site. Photographic documentation from the visual inspection (with GPS coordinates) is included as Appendix C. A list of field observations describing the Site follow:

- No evidence of soil staining was noted in the pasture southwest of the battery.
- No odor was noted in soils on the production pad or in the pasture southwest of the battery.
- Vegetation was noted to be in various stages of growth throughout the pasture area southwest of the battery.

## CLOSURE REQUEST REJECTION

On March 30, 2021, Tetra Tech, on behalf of COP, prepared and submitted a Closure Report to NMOCD. Due to a lack of response, the Closure Report was resubmitted in February 2023. The request for closure of Incident ID nMLB1011352696 was rejected by NMOCD on February 24, 2023 via email from Ashley Maxwell. NMOCD provided the following reasoning for the rejection:

- *“Closure criteria sampling will need to show samples tested for all components in Table 1 of the OCD Spill Rule. The OCD cannot accept field screening results from Petro FLAG Analyzer Systems, PID Meters, Ground Conductivity Meters, and other field screening tools for closure criteria sampling determination.*
- *Proceed with collecting confirmation samples for laboratory analysis per 19.15.29.12 NMAC.*
- *Submit report via the OCD permitting portal by 6/2/2023.”*

Email correspondence associated with the rejection of the closure request is included in Appendix D.

## **SITE ASSESSMENT ACTIVITIES**

On March 28, 2023, Tetra Tech personnel were onsite to delineate and sample the release area. A total of twelve (12) borings (HA-2 and HA-4 through HA-6, HA-9 and HA-11 through HA-14) were installed via hand auger within and around the release footprint. Soils were collected to a maximum depth of 5 feet bgs.

On May 9 and May 17, 2023, Tetra Tech personnel returned to the Site to complete delineation of the release area. A total of four (4) trenches (T-1 through T-4) and five (5) additional hand auger borings (HA-1, HA-3, HA-7, HA-8 and HA-10) were advanced to a maximum depth of 11 feet bgs. Trench T-2 was installed in the same area as HA-2 to complete vertical delineation in that area. Figure 3 depicts the approximate release extent and the 2023 soil boring and trench locations. Photographic documentation of Site conditions during the assessment activities is included in Appendix C.

A total of thirty-seven (37) soil 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.

## **SUMMARY OF SOIL SAMPLING RESULTS**

Analytical results from the March and May 2023 site assessment activities are summarized in Table 1. Results associated with HA-2 and HA-4 exceeded the chloride RRAL to depths of 5 feet bgs and 4 feet bgs, respectively. Results associated T-2 and T-4 exceeded the chloride RRAL to 10 feet bgs and 3 feet bgs, respectively. Horizontal and vertical delineation were completed following the May 2023 assessment.

During an evaluation of results from the 2023 assessment activities, sample location T-2 exhibited anomalous results when compared to the remainder of the pad assessment locations. Based on review of the analytical results from T-2, it is likely that cross contamination was present at T-2 during the trenching activities. It is conceivable that the upper impacted material may have sloughed into the trench during sampling at this location resulting in cross-contamination or “hot spot”. These data anomalies were identified to be verified by confirmation sampling during the proposed remedial activities.

## **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 June 2, 2023, with fee application payment PO Number 64K25-230602-C-1410. The Work Plan described the results of the release assessment and provided characterization of the impact at the site. The Work Plan was approved via email by Ashley Maxwell of the NMOCD on Monday, June 5, 2023, with the following condition:

- *“Work plan approved.*
- *Variance request for alternative sampling plan is approved. Samples collected are not to exceed 400 square feet.*
- *Submit a closure report by 9/22/2023 via the OCD permitting portal.”*

Prior to inception of remedial activities, on June 15, 2023, a Request for Approval of the Remediation Work Plan was sent via email to the NMSLO. Tami Knight of the NMSLO Environmental Compliance Office cleared the site to proceed with remedial activities on June 23, 2023. Documentation of associated regulatory correspondence is included in Appendix D.

## REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From August 22 to August 31, 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 August 16, 2022, 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 4. The areas within the release footprint were excavated to depths ranging from 4 feet bgs to 5 feet bgs. The area around HA-2/T-2 was excavated to a depth of 5 feet bgs. The remainder of the remediated area was excavated to a depth of 4 feet bgs. During excavation activities, a third-party line locator discovered multiple buried lines transecting the north-south lease road within the proposed remediation area. This lease road is the primary access to all lease pads in the area. Due to safety concerns related to the above circumstances (personnel working near lines of unknown origin and in trafficked areas), the lease road was left intact, and a sidewall confirmation sample (ESW-3) was collected west of the lease road. All excavated material was transported offsite for proper disposal. Approximately 714 cubic yards of material were transported to R360 Halfway Facility in Hobbs, NM. 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 six (6) confirmation floor samples and thirteen (13) 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 4.

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 soils above 4 feet bgs to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, BTEX and TPH. The results of the confirmation sampling event are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included as 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 approved Work Plan, the areas within the pastureland were seeded in August 2023 to aid in revegetation. Based on the soils at the site, the NMSLO Sandy Loam (SL) Sites Seed Mixture was used for seeding and planted in the amount specified in the pounds pure live seed (PLS) 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 NMSLO 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



REVISED Closure Report  
September 26, 2023

ConocoPhillips

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 Manager



Christian M. Llull, P.G.  
Program Manager

cc:

Mr. Sam Widmer, RMR – ConocoPhillips  
NMSLO Environmental Compliance Office (c/o Ms. Tami Knight)

## LIST OF ATTACHMENTS

### Figures:

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

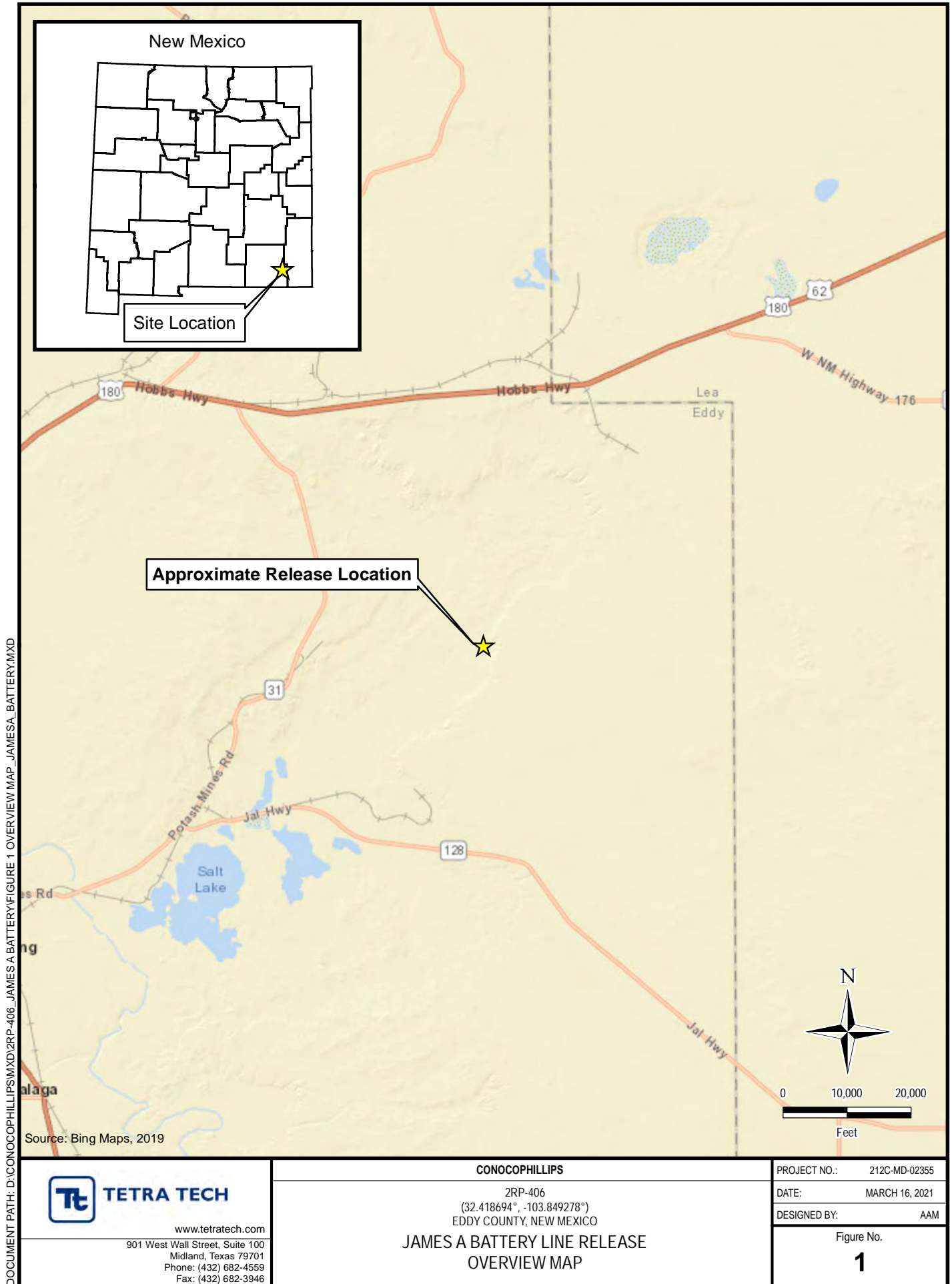
### Tables:

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

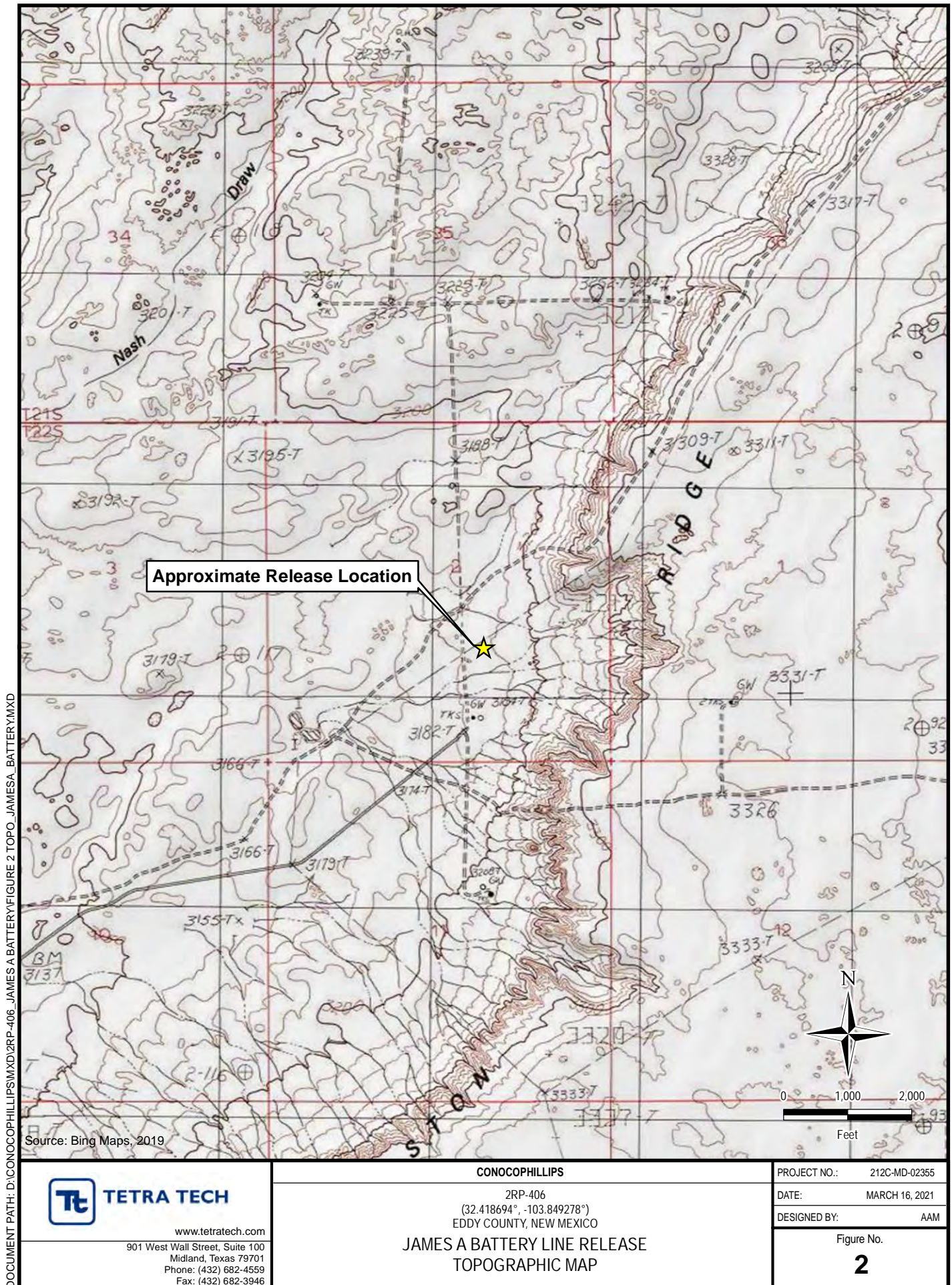
### Appendices:

- 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

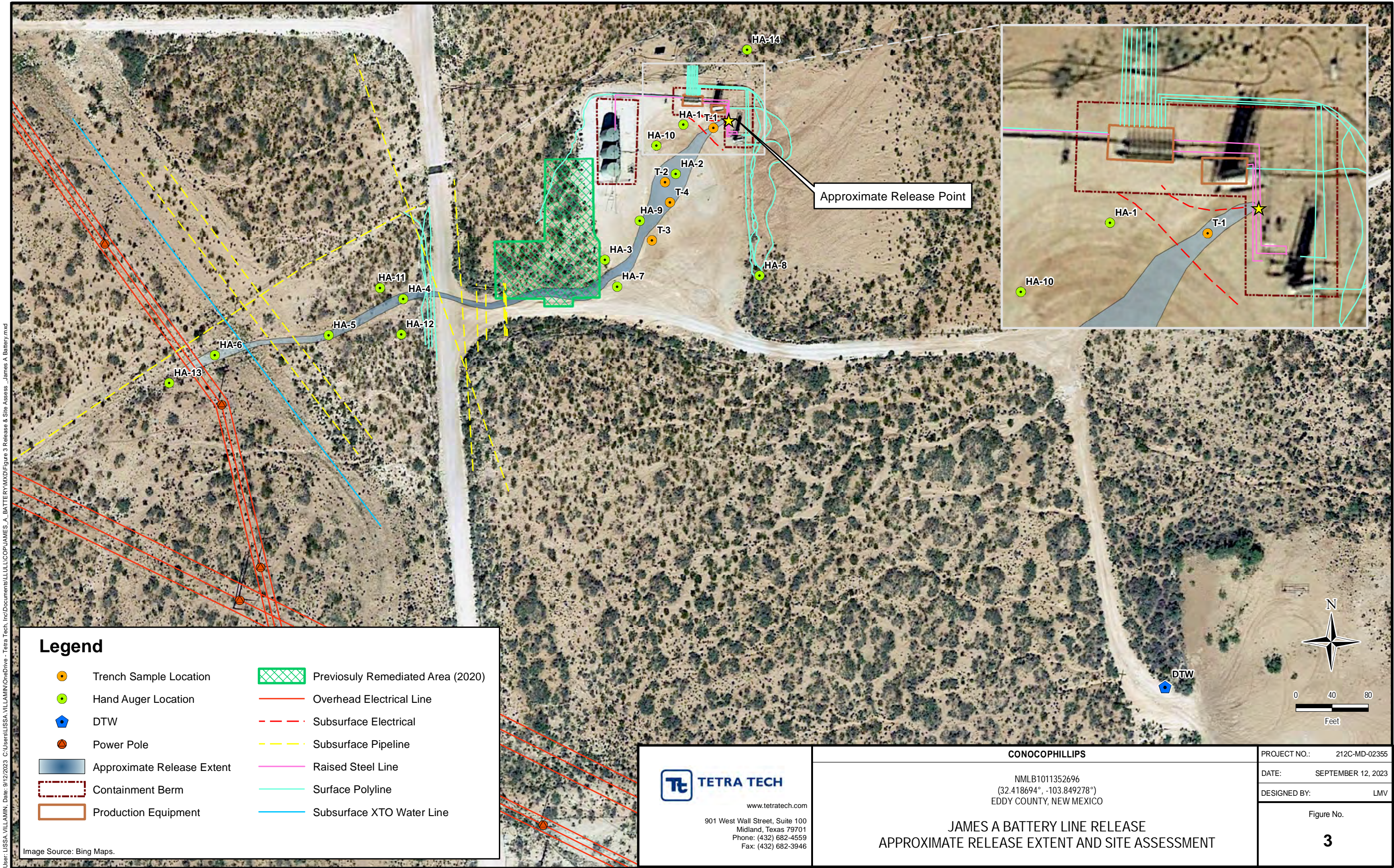
## **FIGURES**





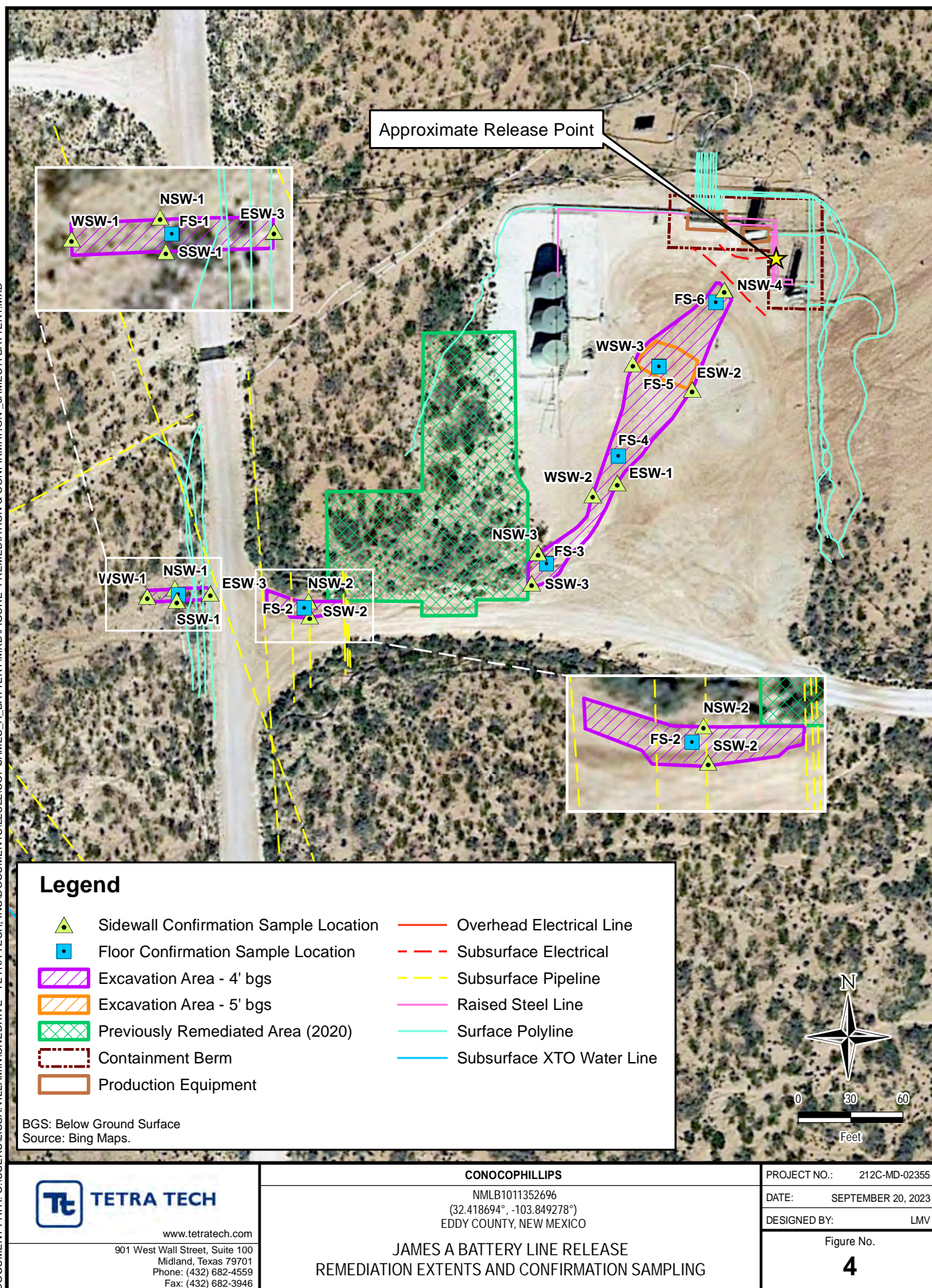








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## **TABLES**

TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
SOIL ASSESSMENT - nMLB1011352696  
CONOCOPHILLIPS  
JAMES A BATTERY LINE RELEASE  
EDDY COUNTY, NEW MEXICO

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (≤ 50 ft):				Chlorides <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>							
Sample ID	Sample Date	Sample Depth Interval	Field Screening Results Chlorides	< 600 mg/kg		< 10 mg/kg		Toluene		Ethylbenzene		Total Xylenes		< 50 mg/kg		GRO		DRO		EXT DRO		< 100 mg/kg	-
				Chloride		Benzene								Total BTEX		C <sub>6</sub> - C <sub>10</sub>		> C <sub>10</sub> - C <sub>28</sub>		> C <sub>28</sub> - C <sub>36</sub>		Total TPH (GRO+DRO+EXT DRO)	GRO+DRO
				mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg
HA-1	5/9/2023	0-1	498	352		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-2	3/28/2023	0-1	1,670	<b>1,650</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		1-2	2,010	<b>1,600</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		3-4	1,730	<b>1,520</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		4-5	1,020	<b>1,040</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-3	5/17/2023	0-1	-	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-4	3/28/2023	0-1	1,130	<b>1,120</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		1-2	995	<b>800</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		2-3	909	<b>880</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		3-4	712	<b>640</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		4-5	169	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-5	3/28/2023	0-1	84	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		1-2	75.9	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-6	3/28/2023	0-1	-	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		1-2	-	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-7	5/17/2023	0-1	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-8	5/9/2023	0-1	350	96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-9	3/28/2023	0-1	335	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		31		31.9		62.9	31.9
HA-10	5/9/2023	0-1	561	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-11	3/28/2023	0-1	66.9	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-12	3/28/2023	0-1	35.9	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-13	3/28/2023	0-1	55.9	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
HA-14	3/28/2023	0-1	55.1	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
T-1	5/9/2023	0-1	209	96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		2-3	313	240.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
T-2	5/9/2023	5-6	2,340	<b>1,390</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		6-7	2,170	<b>1,920</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		7-8	2,110	<b>2,000</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		8-9	1,510	<b>720</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		9-10	748	<b>768</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		10-11	341	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
T-3	5/9/2023	0-1	84.0	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		2-3	146	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		4-5	441	256.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
T-4	5/9/2023	0-1	877	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		2-3	952	<b>720</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
		4-5	332	240		<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 RRALS.**  
Shaded rows indicate intervals proposed for excavation.



TABLE 2  
SUMMARY OF ANALYTICAL RESULTS  
CONFIRMATION SAMPLING - nMLB1011352696 / 2RP-406  
CONOCOPHILLIPS  
JAMES A BATTERY LINE RELEASE  
EDDY COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (≤ 50 ft):				Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>							
				< 600 mg/kg		< 10 mg/kg		Toluene		Ethylbenzene		Total Xylenes		< 50 mg/kg		GRO		DRO		EXT DRO		< 100 mg/kg	
Sample ID	Sample Date	Sample Depth	Field Screening Results	Chloride		Benzene																Total BTEX	
			Chloride					mg/kg	Q	mg/kg	Q	C <sub>6</sub> - C <sub>10</sub>	> C <sub>10</sub> - C <sub>28</sub>	> C <sub>28</sub> - C <sub>36</sub>	mg/kg								
		ft. bgs	ppm																				
FS-1	8/25/2023	4	130	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-2	8/25/2023	4	147	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		26.8		<10.0		26.8	
FS-3	8/25/2023	4	107	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-4	8/25/2023	4	690	432		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-5	8/25/2023	5	265	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-6	8/25/2023	4	134	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
NSW-1	8/25/2023	-	217	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
NSW-2	8/25/2023	-	226	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
NSW-3	8/25/2023	-	60.0	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
NSW-4	8/25/2023	-	189	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
ESW-1	8/25/2023	-	358	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
ESW-2	8/25/2023	-	99	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
ESW-3	8/25/2023	-	-	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SSW-1	8/25/2023	-	193	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		16.6		<10.0		16.6	
SSW-2	8/25/2023	-	296	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SSW-3	8/25/2023	-	148	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
WSW-1	8/25/2023	-	205	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		12.6		<10.0		12.6	
WSW-2	8/25/2023	-	163	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
WSW-3	8/25/2023	-	483	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

## NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M



## **APPENDIX A C-141 Forms**

RECEIVED APR 23 2010

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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

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

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

30-015-25699

## Release Notification and Corrective Action

MLB1011352696

## OPERATOR

☒ Initial Report ☐ Final Report

Name of Company ConocoPhillips Company 217817	Contact Jesse A. Sosa
Address 3300 N. "A" St., Bldg. 6 #247 Midland, TX 79705-5	Telephone No. (505)391-3126
Facility Name James A Battery	Facility Type Oil

Surface Owner NMOCD	Mineral Owner BLM	Lease No. 3001525699
---------------------	-------------------	----------------------

## LOCATION OF RELEASE

Unit Letter J	Section 02	Township 22S	Range 30E	Feet from the 1652	North/South Line South	Feet from the 1980	East/West Line East	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Latitude N32 25.112' Longitude W103 50.857'

## NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 12 BBL	Volume Recovered 0 BBL
Source of Release 3" steel line connection adapter	Date and Hour of Occurrence 4/22/10	Date and Hour of Discovery 4/22/10
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Jesse Sosa	Date and Hour 4/22/10 2:50 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

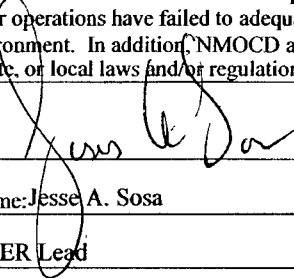
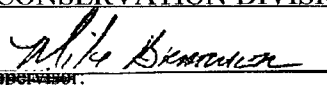
Describe Cause of Problem and Remedial Action Taken.\*

MSO located a 1" hole on a 3 inch metal male poly adapter in transition line. The release was due to internal corrosion. The MSO called in a vacuum truck, but the remaining produced water could not be picked up prior to soaking in. The line was isolated, and the metal component has been removed from service to prevent future corrosion issues. Total spill volume was 12 BPW with 0 bbls recovered fluid.

Describe Area Affected and Cleanup Action Taken.\*

Affected was 741' x 3' of caliche pad and pasture land. Notifications were made to supervision upon discovery of the spill, and the area will be remediated in place. NMOCD was notified. Soil to be hauled off and replaced. Soil samples will be taken to verify clean up and sent to NMOCD (Mike Bratcher) for finalization.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Jesse A. Sosa	Signed By:  Approved by District Supervisor	
Title: HSER Lead	Approval Date: APR 23 2010	Expiration Date:
E-mail Address: Jesse.A.Sosa@conocophillips.com	Conditions of Approval: REMEDIAION per OCD Rules and Guidelines. SUBMIT REMEDIATION PROPOSAL BY: 5/23/10	Attached <input type="checkbox"/>
Date: 04/22/2010	Phone: (505)391-3126	

\* Attach Additional Sheets If Necessary

PMLB1011353322

Incident ID	nMLB1011352696
District RP	2RP-406
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?	>55 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

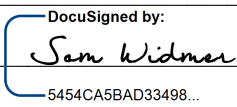
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nMLB1011352696
District RP	2RP-406
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:  Date: May-31-2023  
email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nMLB1011352696
District RP	2RP-406
Facility ID	
Application ID	

## Remediation Plan

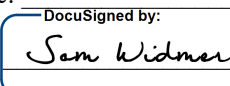
**Remediation Plan Checklist:** Each of the following items must be included in the plan.

- ☒ 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:  Date: May-31-2023  
email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

**OCD Only**

Received by: OCD Date: 06/02/2023

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

Signature:  Date: 06/05/2023

Variance request for sampling plan approved. Samples collected are not to exceed 400 square feet.



Incident ID	nMLB1011352696
District RP	2RP-406
Facility ID	
Application ID	

## Closure

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

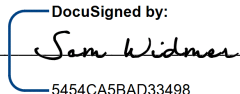
**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

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

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

Printed Name: Sam widmer

Title: Principal Program Manager

Signature: 

Date: Sep-25-2023

email: 5454CA5BAD33498...  
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: Ashley Maxwell

Date: 9/27/2023

Printed Name: Ashley Maxwell

Title: Environmental Specialist

## **APPENDIX B**

### **Site Characterization Data**



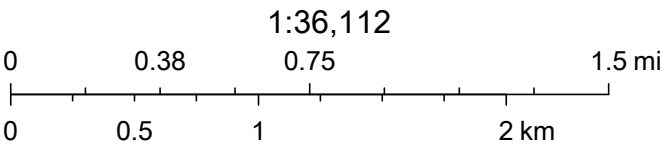
# OCD Karst Potential Map



4/17/2023, 9:58:34 AM

Karst Occurrence Potential

- High
- Medium
- Low



BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Maxar





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

---

No records found.

## UTMNAD83 Radius Search (in meters):

**Easting (X):** 608198.14

**Northing (Y):** 3587428.83

**Radius:** 800

---

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

---

4/17/23 10:25 AM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER

212C-MD-02792		<b>TETRA TECH</b>		<b>LOG OF BORING DTW</b>			Page 1 of 1		
Project Name: James A Waterflood Release									
Borehole LocationGPS: 32.416966°, -103.847724°					Surface Elevation: 3198 ft				
Borehole Number:DTW				Borehole Diameter (in.): 8		Date Started: 9/26/2022		Date Finished: 9/26/2022	

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS			
												While Drilling <u>▽</u> DRY ft    Upon Completion of Drilling <u>▽</u> DRY ft			
												Remarks:			
MATERIAL DESCRIPTION												DEPTH (ft)	REMARKS		
5												3			
10												19			
15												23			
20															
25															
30															
35															
40															
45															
50															
55												55			

Bottom of borehole at 55.0 feet.

<b>Sampler Types:</b> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  Split Spoon   Shelby   Bulk Sample   Grab Sample         </div> <div style="width: 50%;">  Acetate Liner   Vane Shear   Discrete Sample   Test Pit         </div> </div>	<b>Operation Types:</b> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  Mud Rotary   Continuous Flight Auger   Wash Rotary         </div> <div style="width: 50%;">  Hand Auger   Air Rotary   Direct Push   Core Barrel         </div> </div>	<b>Notes:</b> Surface elevation is based on Google Earth data.
--	--	---

<b>Logger:</b> Colton Bickerstaff	<b>Drilling Equipment:</b> Air Rotary	<b>Driller:</b> Scarborough Drilling
-----------------------------------	---------------------------------------	--------------------------------------

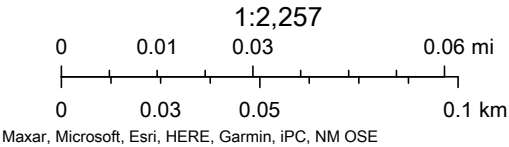


# OCD Waterbodies Map



4/17/2023, 11:20:22 AM

— OSE Streams



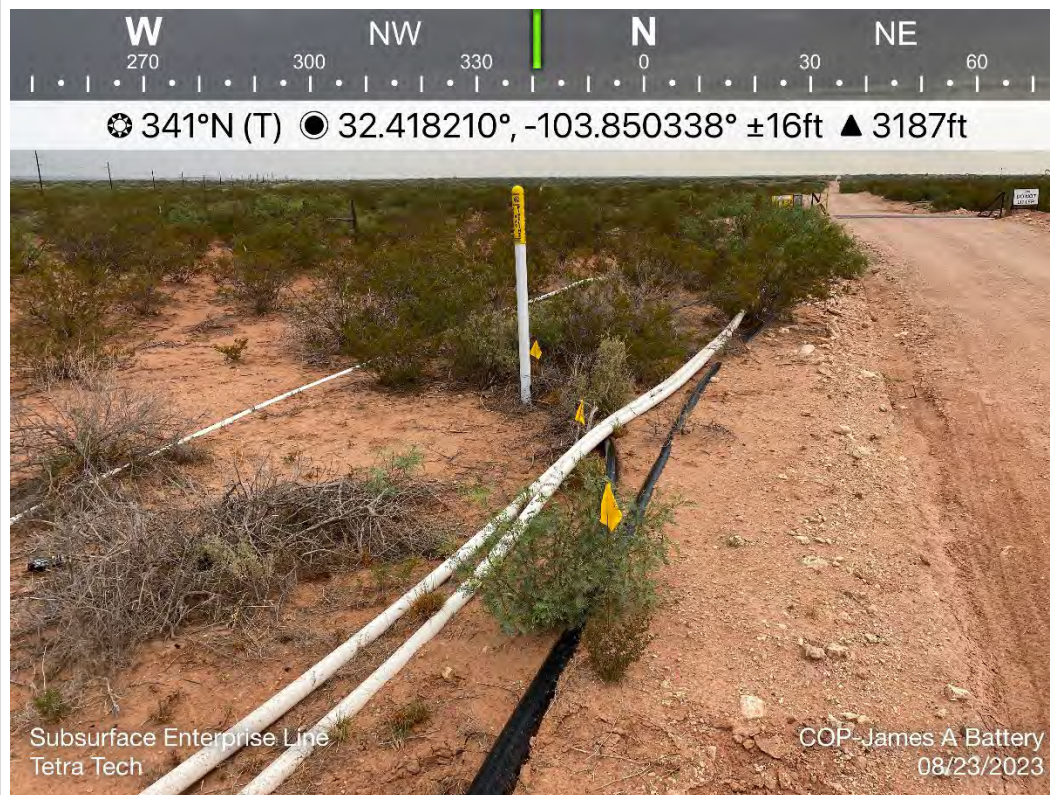
## **APPENDIX C**

### **Photographic Documentation**



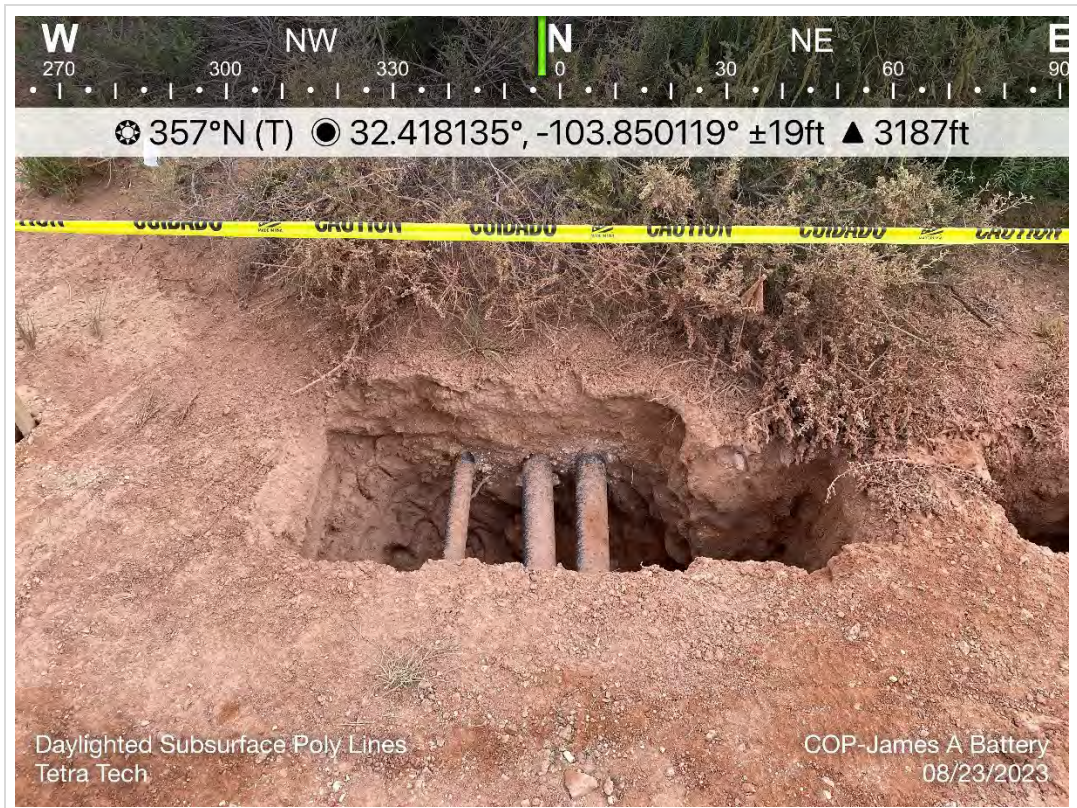


TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View south, utility markings visible as red paint along ground surface.	1
	SITE NAME	James A Battery Remediation	8/23/2023

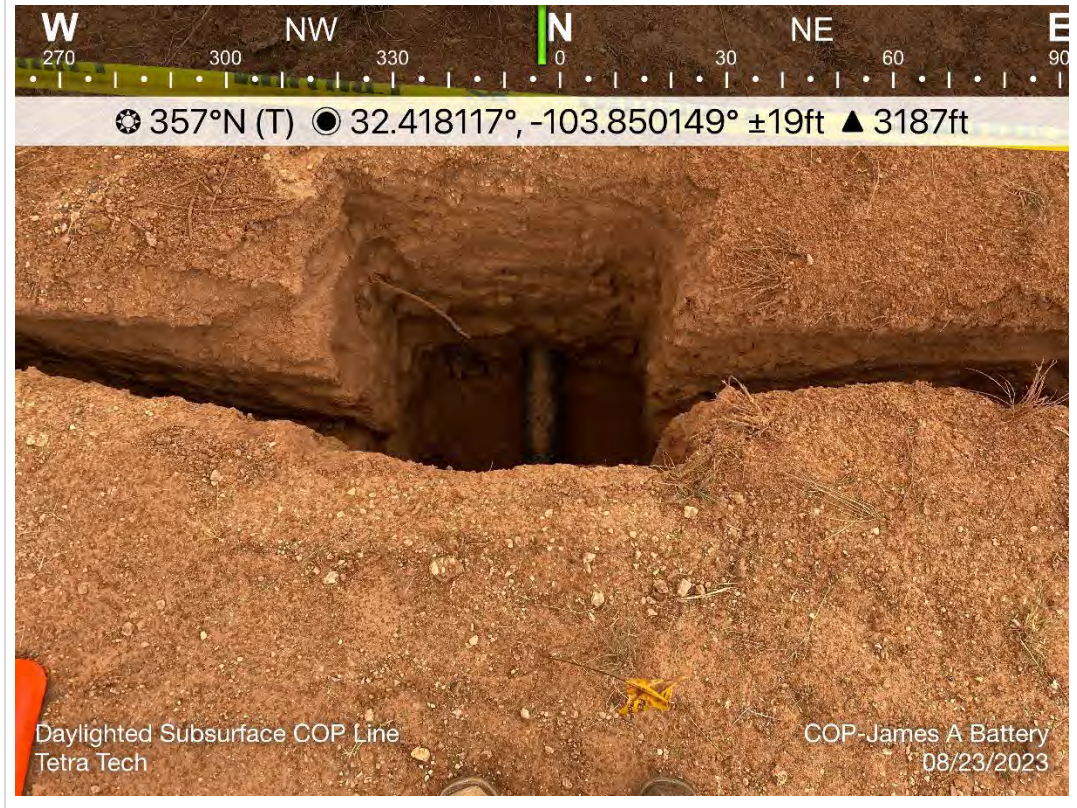


TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View north, yellow pin flags marking subsurface utility line.	2
	SITE NAME	James A Battery Remediation	8/23/2023



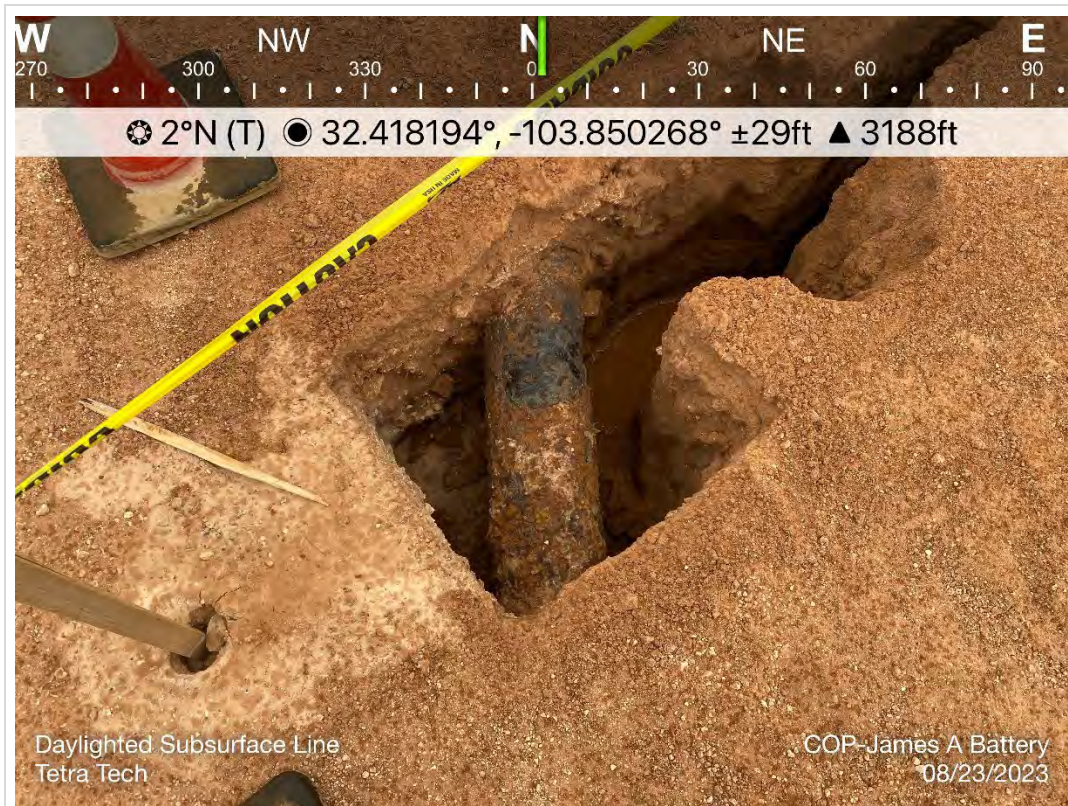


TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View of ground surface with exposed subsurface utility lines to confirm location.	3
	SITE NAME	James A Battery Remediation	8/23/2023

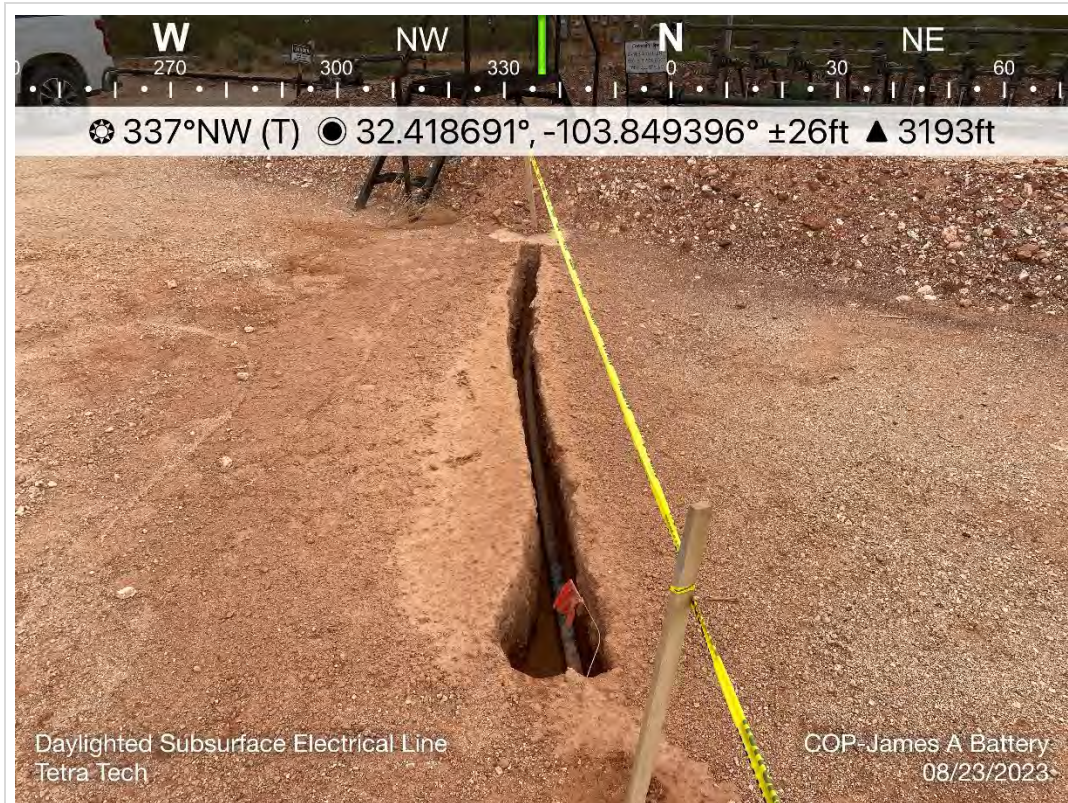


TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View of ground surface with exposed subsurface utility lines to confirm location.	4
	SITE NAME	James A Battery Remediation	8/23/2023



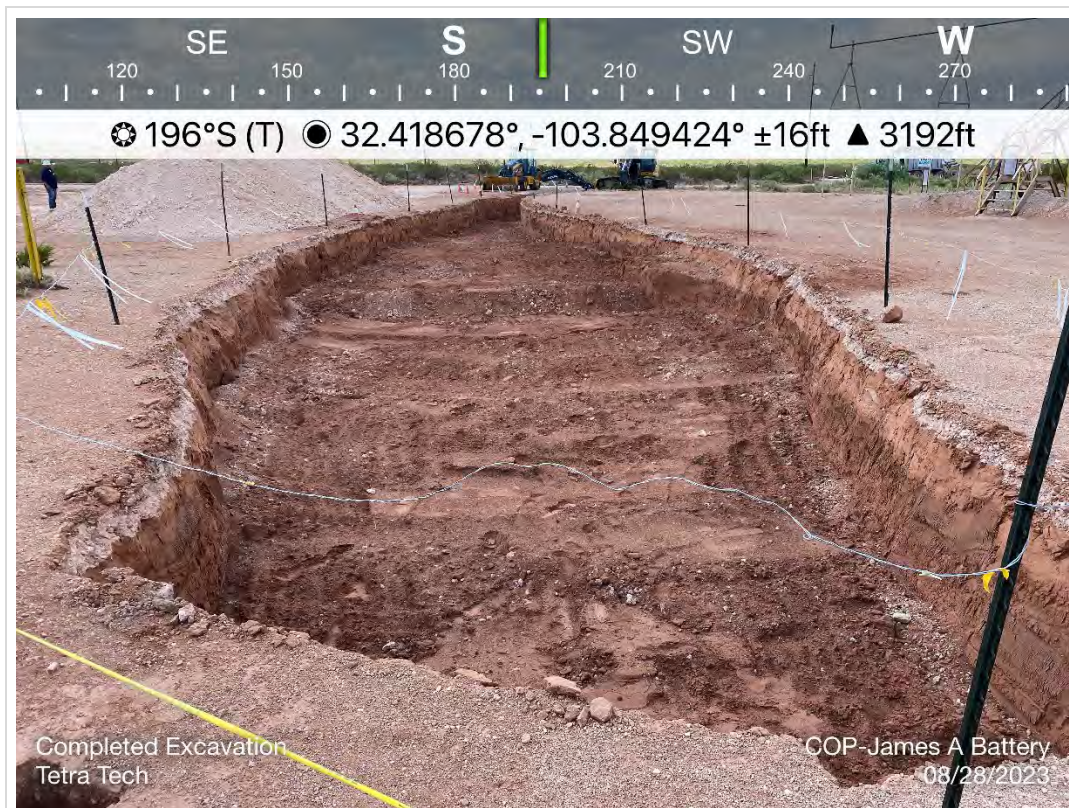


TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View of ground surface with exposed subsurface utility lines to confirm location.	5
	SITE NAME	James A Battery Remediation	8/23/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View of ground surface adjacent to berm, exposed subsurface line to confirm location.	6
	SITE NAME	James A Battery Remediation	8/23/2023





TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View south, from northernmost point of excavation.	7
	SITE NAME	James A Battery Remediation	8/28/2023

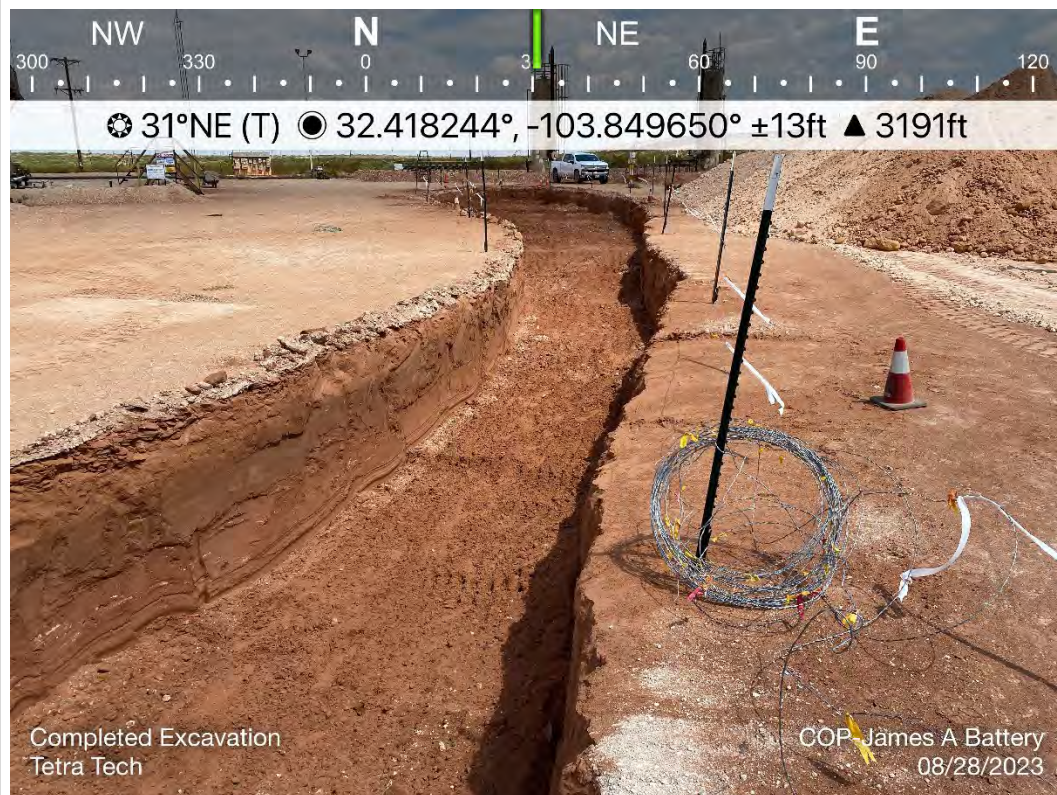


TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View south, five-foot excavation within four-foot area in center of photograph.	8
	SITE NAME	James A Battery Remediation	8/28/2023





TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View northwest, northernmost section of excavation, with part of five-foot excavation visible.	9
	SITE NAME	James A Battery Remediation	8/28/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View southwest, along axis of excavation to 4 feet below ground surface.	10
	SITE NAME	James A Battery Remediation	8/28/2023





TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View west, open excavation with previously exposed subsurface utilities.	11
	SITE NAME	James A Battery Remediation	8/28/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View east, open excavation adjacent to lease road.	12
	SITE NAME	James A Battery Remediation	8/28/2023



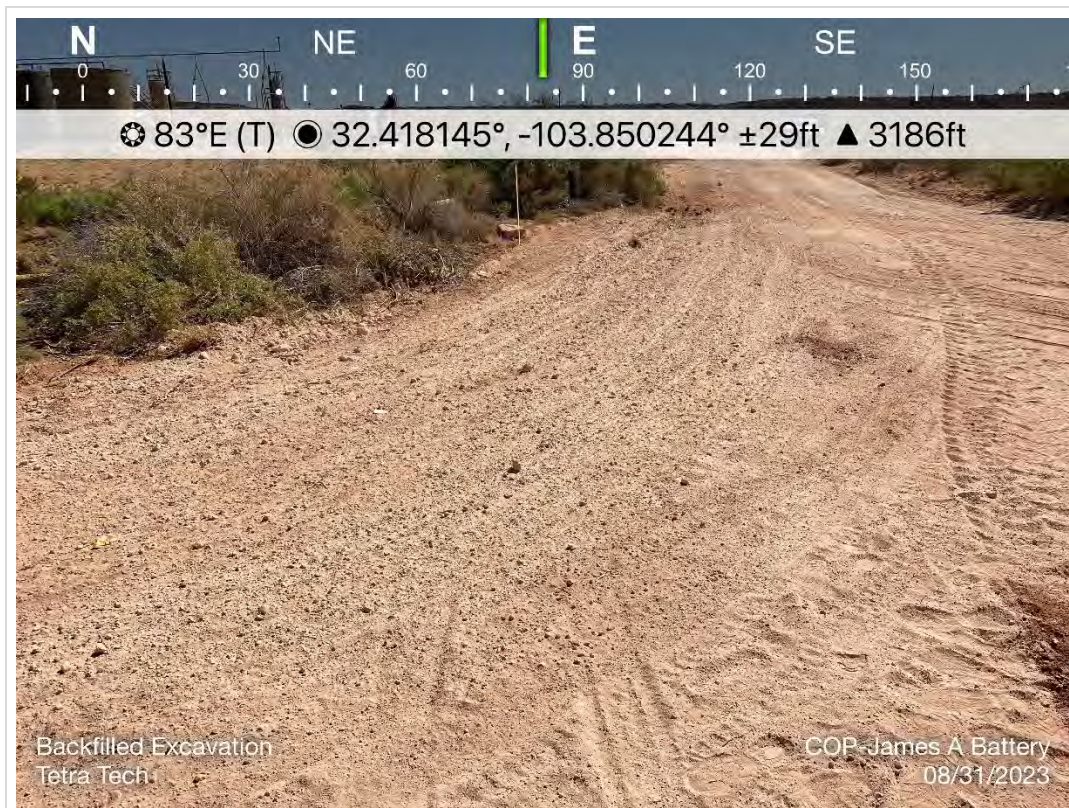


TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View west, excavation on west-side of road, with surface lines running across excavation.	13
	SITE NAME	James A Battery Remediation	8/28/2023

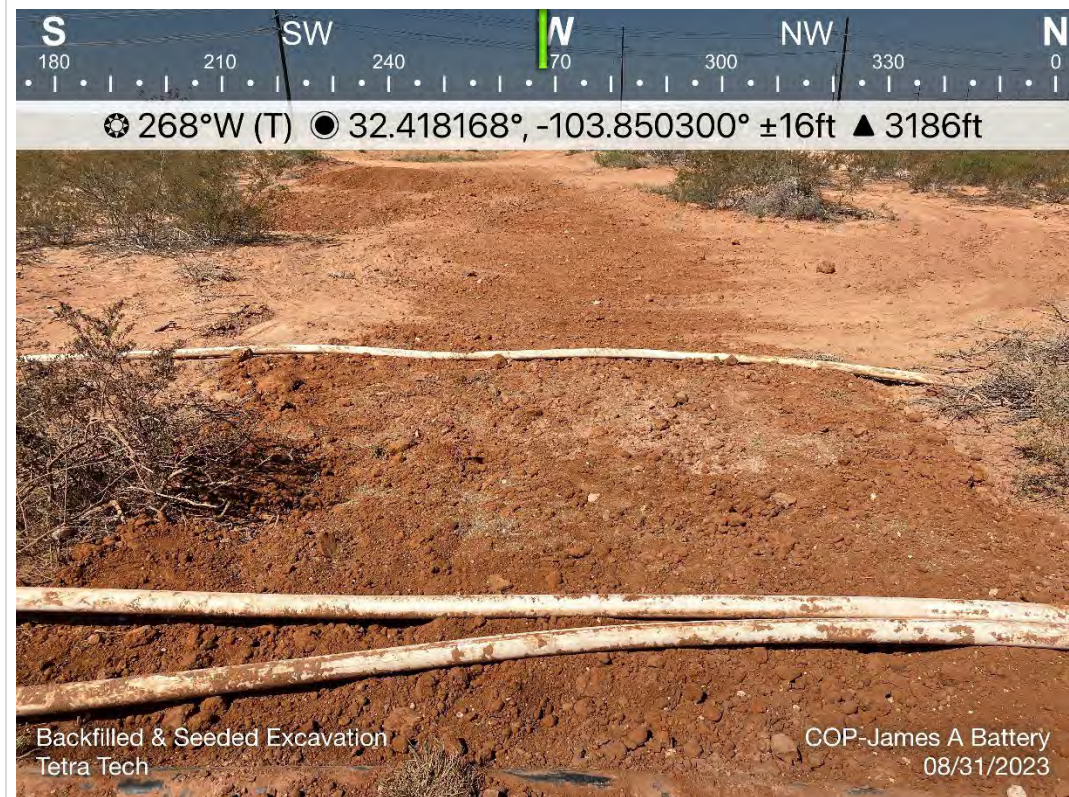


TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View north-northeast, backfilled excavation of pad area.	14
	SITE NAME	James A Battery Remediation	8/31/2023





TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View east, backfilled excavation	15
	SITE NAME	James A Battery Remediation	9/8/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02355	DESCRIPTION	View west, backfilled excavation on west-side of lease road.	16
	SITE NAME	James A Battery Remediation	8/31/2023

## **APPENDIX D**

### **Regulatory Correspondence**



**Chama, Sam**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Friday, February 24, 2023 2:49 PM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 22348

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

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

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nMLB1011352696, for the following reasons:

- **. Closure criteria sampling will need to show samples tested for all components in Table 1 of the OCD Spill Rule. The OCD cannot accept field screening results from Petro FLAG Analyzer Systems, PID Meters, Ground Conductivity Meters, and other field screening tools for closure criteria sampling determination.**
- **Proceed with collecting confirmation samples for laboratory analysis per 19.15.29.12 NMAC.**
- **Submit report via the OCD permitting portal by 6/2/2023.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 22348.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,  
Ashley Maxwell  
Projects Environmental Specialist - A  
505-635-5000  
Ashley.Maxwell@emnrd.nm.gov



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



**Chama, Sam**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Monday, June 5, 2023 10:35 AM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 223320

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

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#) nMLB1011352696, with the following conditions:

- **Work plan approved.**
- **Variance request for alternative sampling plan is approved. Samples collected are not to exceed 400 square feet.**
- **Submit a closure report by 9/22/2023 via the OCD permitting portal.**

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,  
Ashley Maxwell  
Projects Environmental Specialist - A  
505-635-5000  
Ashley.Maxwell@emnrd.nm.gov

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

**Chama, Sam**

---

**From:** Knight, Tami C. <tknight@slo.state.nm.us>  
**Sent:** Friday, June 23, 2023 11:31 AM  
**To:** Chama, Sam  
**Cc:** Llull, Christian; Poole, Nicholas; Dickerson, Ryan; SLO Surface ECO  
**Subject:** RE: James A1 Battery Line Release - nMLB1011352696 - DOR 4/22/2010- Approved

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

Sam,

ECO has reviewed the remediation workplan. ECO agrees with NMOCD's sampling variance request and approves the remediation project. Thank you for documenting the arch survey for the subject remediation project. The following is a reminder for biological compliance especially since this time of year is when we find active bird nests.

**Biological Compliance & Reporting**

Reportable spills and releases negatively affect biotic communities. Spills and releases should be reported to a biologist for evaluation of potential impacts to threatened, endangered, and sensitive wildlife and plant species, environmentally sensitive areas, surface waters, cave and karst features, and sensitive soils. The NMSLO Surface Resources Division (SRD) has stipulations and best management practices designed for biological resource conservation and mitigation. Please email NMSLO Biologist Katrina Adamczyk at [kadamczyk@slo.state.nm.us](mailto:kadamczyk@slo.state.nm.us) or call 505-827-5096 for more information or assistance.

Thank you,

Environmental Compliance Office  
Surface Resources Division  
New Mexico State Land Office  
[nmstatelands.org](http://nmstatelands.org)



---

**From:** Chama, Sam <SAM.CHAMA@tetrattech.com>  
**Sent:** Thursday, June 15, 2023 4:07 PM  
**To:** SLO Spills <spills@slo.state.nm.us>  
**Cc:** Llull, Christian <Christian.Llull@tetrattech.com>; Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>; Dickerson, Ryan <Ryan.Dickerson@tetrattech.com>  
**Subject:** [EXTERNAL] James A1 Battery Line Release - nMLB1011352696 - DOR 4/22/2010

Tami,

Below are site details associated with Incident ID nMLB1011352696 / 2RP-406 that occurred at the James A Battery.

**Incident ID nMLB1011352696 Details:**

- Approximate Release Point 32.418694°, -103.849278°

- Site is located in Eddy County, NM.
- Landowner: NMSLO
- Date of Release Discovery: 4/22/2010
- The release was occurred as a result of a 1-inch hole on a 3-inch transition line.
- The release consisted of 12 barrels (bbls) of produced water.
  - 0 bbls produced water were recovered.
- The Site is in an area of high karst potential.
- A DTW was drilled on September 26, 2022, to 55 feet bgs, along the edge of the James A Waterflood Facility (0.14 miles from the James A Battery Line Release).
- Tetra Tech was onsite to assess and delineate the release in March 2023 and returned in May 2023 to finish delineating the release.
  - The release was successfully delineated.
- A total of 37 soil samples were collected and submitted for analytical testing.
  - Laboratory analytical results associated with one location (HA-2) indicated chloride levels above the RRAL to a depth of 5 feet bgs.
  - Laboratory analytical results associated with one location (HA-4) indicated chloride levels above the RRAL to a depth of 4 feet bgs.
  - Laboratory analytical results associated with two locations (T-2 and T-4) indicate chloride levels above the RRAL to a depth of 3 feet bgs.
- ConocoPhillips proposes to excavate to a maximum depth of 5 feet bgs to remove impacted materials.
  - Seven (7) confirmation floor sample and twelve (12) confirmation sidewall samples were approved as a part of the alternative confirmation sampling plan.
  - An estimated total volume of 1,150 cubic yards is to be excavated in the remediation process.
- ConocoPhillips had Boone archaeology survey the James A Battery Line release on April 17 2023.

In accordance with the NMOCD-approved Work Plan and above conditions, Tetra Tech, on behalf of ConocoPhillips, proposes to conduct remedial activities as shown in the attached work plan.

- Following excavations, confirmation floor and sidewall samples will be collected to represent no more than 400 square feet.

**Based on the above site details and approved Work Plan, is Tetra Tech cleared to move forward with the remedial action?**

Thank you,

**Sam Chama, G.I.T.** | Staff Geologist

Mobile +1 (509) 768-2191 | Business +1 (512) 338-1667 | Fax +1 (512) 338-1331 | [sam.chama@tetrattech.com](mailto:sam.chama@tetrattech.com)

**Tetra Tech** | *Leading with Science*® | OGA

8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | [tetrattech.com](http://tetrattech.com)

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





**Chama, Sam**

---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Friday, August 18, 2023 11:10 AM  
**To:** Chama, Sam  
**Cc:** Bratcher, Michael, EMNRD; Maxwell, Ashley, EMNRD  
**Subject:** RE: [EXTERNAL] Incident ID: nMLB1011352696 - Confirmation Sampling

You don't often get email from shelly.wells@emnrd.nm.gov. [Learn why this is important](#)

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

Good morning Sam,

The OCD has received your notification. 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.

Thank you,

Shelly

[Shelly Wells](#) \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Chama, Sam <SAM.CHAMA@tetrattech.com>  
**Sent:** Friday, August 18, 2023 10:04 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** eco@slo.state.nm.us; Llull, Christian <Christian.Llull@tetrattech.com>; Dickerson, Ryan <Ryan.Dickerson@tetrattech.com>  
**Subject:** [EXTERNAL] Incident ID: nMLB1011352696 - Confirmation Sampling

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

Incident ID (n#) **nMLB1011352696** (James A Battery Line Release)

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 August 22, 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 starting as soon as Wednesday, August 23 through Thursday, August 31, 2023.

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

Thank you,

**Sam Chama, G.I.T.** | Staff Geologist

Mobile +1 (509) 768-2191 | Business +1 (512) 338-1667 | Fax +1 (512) 338-1331 | [sam.chama@tetrattech.com](mailto:sam.chama@tetrattech.com)

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | [tetrattech.com](http://tetrattech.com)

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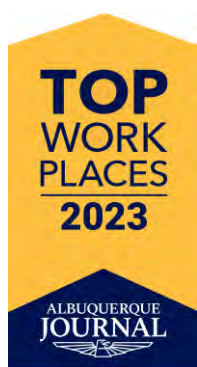
**Chama, Sam**

**From:** SLO Spills <spills@slo.state.nm.us>  
**Sent:** Monday, August 21, 2023 8:10 AM  
**To:** Chama, Sam  
**Subject:** RE: Incident ID: nMLB1011352696 - Confirmation Sampling

You don't often get email from spills@slo.state.nm.us. [Learn why this is important](#)

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

Received

**Environmental Compliance Office**

Surface Resources Division

eco@slo.state.nm.us

[nmstatelands.org](http://nmstatelands.org)

.....



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---

**From:** Chama, Sam <SAM.CHAMA@tetrattech.com>  
**Sent:** Friday, August 18, 2023 10:04 AM  
**To:** ocd.enviro@state.nm.us  
**Cc:** SLO Spills <spills@slo.state.nm.us>; Llull, Christian <Christian.Llull@tetrattech.com>; Dickerson, Ryan <Ryan.Dickerson@tetrattech.com>  
**Subject:** [EXTERNAL] Incident ID: nMLB1011352696 - Confirmation Sampling

Incident ID (n#) **nMLB1011352696** (James A Battery Line Release)

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 August 22, 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 starting as soon as Wednesday, August 23 through Thursday, August 31, 2023.



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

Thank you,

**Sam Chama, G.I.T.** | Staff Geologist

Mobile +1 (509) 768-2191 | Business +1 (512) 338-1667 | Fax +1 (512) 338-1331 | [sam.chama@tetrattech.com](mailto:sam.chama@tetrattech.com)

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**TETRA TECH**

## **APPENDIX E**

### **Waste Manifests**



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDER  
AFE #:  
PO #:  
Manifest #: 2  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS LLC  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1466287  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

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:

☒ 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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 3  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS  
Driver: CARMEN  
Truck #: M34  
Card #  
Job Ref #

Ticket #: 700-1466289  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

~~16.00 yards~~

14

## 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:

- ☒ 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 4  
 Manif. Date: 8/23/2023  
 Hauler: MCNABB PARTNERS  
 Driver: VICTORIA  
 Truck #: M37  
 Card #  
 Job Ref #

Ticket #: 700-1466288  
 Bid #: O6UJ9A000JEC  
 Date: 8/23/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 yards

**Generator 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 1988 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 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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 5  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1466344  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 6  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS  
Driver: VICTORIA  
Truck #: M37  
Card #  
Job Ref #

Ticket #: 700-1466343  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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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☐ 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WILDER  
AFE #:  
PO #:  
Manifest #: 7  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS LLC  
Driver: CARMEN  
Truck #: M34  
Card #  
Job Ref #

Ticket #: 700-1466368  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

☒ 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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 8  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M35  
Card #  
Job Ref #

Ticket #: 700-1466355  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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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☐ 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

A handwritten signature in black ink, appearing to be "JWB", is written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 9  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1466365  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

ermian Basin

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 yards

## Generator 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 1988 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 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: JAQUI HARRIS  
AFE #:  
PO #:  
Manifest #: 10  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1466388  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

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:

☒ 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 11  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS  
Driver: VERONICA  
Truck #: 37  
Card #  
Job Ref #

Ticket #: 700-1466391  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

☒ 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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 12  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M35  
Card #  
Job Ref #

Ticket #: 700-1466392  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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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☐ 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 13  
Manif. Date: 8/23/2023  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1466394  
Bid #: O6UJ9A000JEC  
Date: 8/23/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 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:

☒ 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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 14  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: VERONICA  
Truck #: M09  
Card #  
Job Ref #

Ticket #: 700-1466647  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	9.00 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:

☒ 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 15  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS LLC  
Driver: CARMEN  
Truck #: M37  
Card #  
Job Ref #

Ticket #: 700-1466639  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 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:

☒ 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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 16  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS LLC  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1466655  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

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:

☒ 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 #: 17  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1466651  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

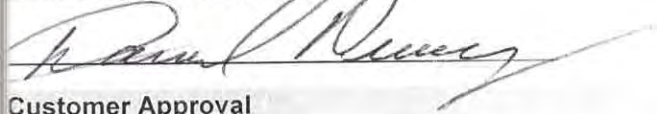
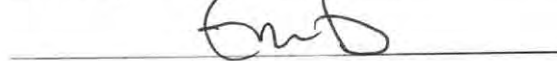
## Generator Certification Statement of Waste Status

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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: \_\_\_\_\_





ermian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 18  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: MICHAEL  
Truck #: M81  
Card #  
Job Ref #

Ticket #: 700-1466666  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

## Generator 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 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 19  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS  
 Driver: CARMEN  
 Truck #: M37  
 Card #  
 Job Ref #

Ticket #: 700-1466676  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 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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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





ermian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 20  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS  
 Driver: VERONICA  
 Truck #: M09  
 Card #  
 Job Ref #

Ticket #: 700-1466677  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	9.00 yards

**Generator 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 1988 regulatory determination, the above described waste is:

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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 21  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1466682  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

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

**Generator 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 1988 regulatory determination, the above described waste is:

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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





ermian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 22  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1466688  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

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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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 23  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: MICHAEL  
Truck #: M81  
Card #  
Job Ref #

Ticket #: 700-1466697  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 24  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: VERONICA  
Truck #: M09  
Card #  
Job Ref #

Ticket #: 700-1466731  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	9.00 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:

☒ 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 25  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: CARMEN  
Truck #: M37  
Card #  
Job Ref #

Ticket #: 700-1466730  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

☒ 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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 26  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1466709  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

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

**Generator 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 1988 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  
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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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 27  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1466725  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

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

**Generator 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 1988 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  
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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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 28  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: MICHAEL  
Truck #: M81  
Card #  
Job Ref #

Ticket #: 700-1466734  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

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:

☒ 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

A handwritten signature in black ink, appearing to be "Michael", written over a horizontal line.

A handwritten signature in black ink, appearing to be "R360", written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 29  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M35  
Card #  
Job Ref #

Ticket #: 700-1466751  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 30  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: JOEL  
 Truck #: M33  
 Card #  
 Job Ref #

Ticket #: 700-1466756  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



ermian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WILMER  
 AFE #:  
 PO #:  
 Manifest #: 31  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: DANIEL  
 Truck #: M-85  
 Card #  
 Job Ref #

Ticket #: 700-1466769  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

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

**Generator 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 1988 regulatory determination, the above described waste is:

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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 32  
Manifest Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1466774  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

## Generator 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 1988 regulatory determination, the above described waste is:

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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 33  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: VICTORIA  
Truck #: M09  
Card #  
Job Ref #

Ticket #: 700-1466783  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

9.00 yards

**Generator Certification Statement of Waste Status**

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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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 34  
 Manif. Date: 8/24/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: CARMEN  
 Truck #: M37  
 Card #  
 Job Ref #

Ticket #: 700-1466784  
 Bid #: O6UJ9A000JEC  
 Date: 8/24/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 yards

**Generator Certification Statement of Waste Status**

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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 35  
Manif. Date: 8/24/2023  
Hauler: MCNABB PARTNERS  
Driver: MICHAEL  
Truck #: M81  
Card #  
Job Ref #

Ticket #: 700-1466794  
Bid #: O6UJ9A000JEC  
Date: 8/24/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

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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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 36  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M35  
Card #  
Job Ref #

Ticket #: 700-1467109  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 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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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):

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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 37  
 Manif. Date: 8/25/2023  
 Hauler: MCNABB PARTNERS  
 Driver: CARMEN  
 Truck #: M37  
 Card #  
 Job Ref #

Ticket #: 700-1467111  
 Bid #: O6UJ9A000JEC  
 Date: 8/25/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 yards

## Generator 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 1988 regulatory determination, the above described waste is:

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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 38  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS  
Driver: VICTORIA  
Truck #: M09  
Card #  
Job Ref #

Ticket #: 700-1467114  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

9

## Generator 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 1988 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 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

A handwritten signature in black ink, appearing to be "Smt", written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 39  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1467121  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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

---

A handwritten signature in black ink, appearing to be "Gut", written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 40  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M35  
Card #  
Job Ref #

Ticket #: 700-1467150  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 41  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS  
Driver: VICTORIA  
Truck #: M09  
Card #  
Job Ref #

Ticket #: 700-1467155  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

9.00 yards

**Generator 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 1988 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 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

---

A handwritten signature in black ink, appearing to be "Ento", written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





ermian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 42  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1467168  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 yards

## Generator 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 1988 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 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: \_\_\_\_\_



ermian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 43  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS  
Driver: CARMEN  
Truck #: M37  
Card #  
Job Ref #

Ticket #: 700-1467157  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 yards

**Generator 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 1988 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 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: \_\_\_\_\_





ermian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 44  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M35  
Card #  
Job Ref #

Ticket #: 700-1467194  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 yards

## Generator 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 1988 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 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: \_\_\_\_\_



ermian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: ~~NA~~ 45  
 Manif. Date: 8/25/2023  
 Hauler: MCNABB PARTNERS  
 Driver: CARMEN  
 Truck #: M37  
 Card #  
 Job Ref #

Ticket #: 700-1467202  
 Bid #: O6UJ9A000JEC  
 Date: 8/25/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 yards

## Generator 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 1988 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 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: \_\_\_\_\_





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 46  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS LLC  
Driver: VICTORIA  
Truck #: M09  
Card #  
Job Ref #

Ticket #: 700-1467197  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

9.00 yards

## Generator 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 1988 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 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: \_\_\_\_\_



ermian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 47  
 Manif. Date: 8/25/2023  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1467216  
 Bid #: O6UJ9A000JEC  
 Date: 8/25/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 25758  
 Well Name: JAMES A  
 Well #: 003  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

## Generator 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 1988 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 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: \_\_\_\_\_





ermian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 48  
Manif. Date: 8/25/2023  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1467215  
Bid #: O6UJ9A000JEC  
Date: 8/25/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 yards

**Generator 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 1988 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 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 50  
Manif. Date: 8/29/2023  
Hauler: MCNABB PARTNERS  
Driver: JESSE  
Truck #: M76  
Card #  
Job Ref #

Ticket #: 700-1468458  
Bid #: O6UJ9A000JEC  
Date: 8/29/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 25758  
Well Name: JAMES A  
Well #: 003  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

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:

☒ 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: \_\_\_\_\_



## **APPENDIX F**

### **Laboratory Analytical Data**



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

---

August 28, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES A BATTERY (2RP-406)

Enclosed are the results of analyses for samples received by the laboratory on 08/25/23 13:22.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	08/25/2023	Sampling Date:	08/25/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	JAMES A BATTERY (2RP-406)	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02355	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY CO, NEW MEXICO		

**Sample ID: FS - 1 (H234635-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01	
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203	
Total BTX	<0.300	0.300	08/26/2023	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	<16.0	16.0	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 2 (H234635-02)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	26.8	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 3 (H234635-03)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 4 (H234635-04)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01	
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203	
Total BTX	<0.300	0.300	08/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 5 (H234635-05)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	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	208	16.0	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 6 (H234635-06)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-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	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: NSW - 1 (H234635-07)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-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	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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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:	08/25/2023	Sampling Date:	08/25/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	JAMES A BATTERY (2RP-406)	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02355	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY CO, NEW MEXICO		

**Sample ID: NSW - 2 (H234635-08)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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:	08/25/2023	Sampling Date:	08/25/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	JAMES A BATTERY (2RP-406)	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02355	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY CO, NEW MEXICO		

**Sample ID: NSW - 3 (H234635-09)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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:	08/25/2023	Sampling Date:	08/25/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	JAMES A BATTERY (2RP-406)	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02355	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY CO, NEW MEXICO		

**Sample ID: NSW - 4 (H234635-10)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-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	08/28/2023	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	08/25/2023	ND	178	89.1	200	0.326	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	178	89.0	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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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:	08/25/2023	Sampling Date:	08/25/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	JAMES A BATTERY (2RP-406)	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02355	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY CO, NEW MEXICO		

**Sample ID: SSW - 1 (H234635-11)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	08/28/2023	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	08/25/2023	ND	180	90.0	200	3.57	
DRO >C10-C28*	16.6	10.0	08/25/2023	ND	190	95.1	200	0.626	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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:	08/25/2023	Sampling Date:	08/25/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	JAMES A BATTERY (2RP-406)	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02355	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY CO, NEW MEXICO		

**Sample ID: SSW - 2 (H234635-12)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.97	98.7	2.00	2.01		
Toluene*	<0.050	0.050	08/26/2023	ND	2.21	111	2.00	1.00		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.23	111	2.00	0.499		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.63	111	6.00	0.203		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/28/2023	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	08/25/2023	ND	180	90.0	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.1	200	0.626	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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:	08/25/2023	Sampling Date:	08/25/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	JAMES A BATTERY (2RP-406)	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02355	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY CO, NEW MEXICO		

**Sample ID: SSW - 3 (H234635-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.2	2.00	5.28		
Toluene*	<0.050	0.050	08/26/2023	ND	2.07	104	2.00	13.4		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.02	101	2.00	6.52		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.99	99.9	6.00	5.88		
Total BTEX	<0.300	0.300	08/26/2023	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	80.0	16.0	08/28/2023	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	08/25/2023	ND	180	90.0	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.1	200	0.626	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: ESW - 1 (H234635-14)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.2	2.00	5.28		
Toluene*	<0.050	0.050	08/26/2023	ND	2.07	104	2.00	13.4		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.02	101	2.00	6.52		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.99	99.9	6.00	5.88		
Total BTEX	<0.300	0.300	08/26/2023	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	144	16.0	08/28/2023	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	08/25/2023	ND	180	90.0	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.1	200	0.626	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: ESW - 2 (H234635-15)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.2	2.00	5.28		
Toluene*	<0.050	0.050	08/26/2023	ND	2.07	104	2.00	13.4		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.02	101	2.00	6.52		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.99	99.9	6.00	5.88		
Total BTX	<0.300	0.300	08/26/2023	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	48.0	16.0	08/28/2023	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	08/25/2023	ND	180	90.0	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.1	200	0.626	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: ESW - 3 (H234635-16)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.2	2.00	5.28		
Toluene*	<0.050	0.050	08/26/2023	ND	2.07	104	2.00	13.4		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.02	101	2.00	6.52		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.99	99.9	6.00	5.88		
Total BTEX	<0.300	0.300	08/26/2023	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	64.0	16.0	08/28/2023	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	08/25/2023	ND	180	90.0	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.1	200	0.626	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WSW - 1 (H234635-17)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.2	2.00	5.28		
Toluene*	<0.050	0.050	08/26/2023	ND	2.07	104	2.00	13.4		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.02	101	2.00	6.52		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.99	99.9	6.00	5.88		
Total BTX	<0.300	0.300	08/26/2023	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	64.0	16.0	08/28/2023	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	08/25/2023	ND	180	90.0	200	3.57	
DRO >C10-C28*	12.6	10.0	08/25/2023	ND	190	95.1	200	0.626	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WSW - 2 (H234635-18)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.2	2.00	5.28		
Toluene*	<0.050	0.050	08/26/2023	ND	2.07	104	2.00	13.4		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.02	101	2.00	6.52		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.99	99.9	6.00	5.88		
Total BTX	<0.300	0.300	08/26/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/28/2023	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	08/25/2023	ND	180	90.0	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.1	200	0.626	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: JAMES A BATTERY (2RP-406)  
 Project Number: 212C-MD-02355  
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 08/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WSW - 3 (H234635-19)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.2	2.00	5.28		
Toluene*	<0.050	0.050	08/26/2023	ND	2.07	104	2.00	13.4		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.02	101	2.00	6.52		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.99	99.9	6.00	5.88		
Total BTX	<0.300	0.300	08/26/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/28/2023	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	08/25/2023	ND	180	90.0	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.1	200	0.626	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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### Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



Company Name: Tetra Tech

**Project Manager:** Ryan Dickerson

Address: 8911 Capital o Texas Hwy, Suite 2310

City: Austin State: TX Zip: 78750

Phone #: (512) 565-0190 Fax #:

Project #:	212C-MD-02355	Project Owner:
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Project Name: James A Battery Line Release (2RP-406)

Project Location: Eddy County, New Mexico

**Sampler Name:** Colton Bickerstaff

FOR LAB USE ONLY

Lab I.D.

**Sample I.D.**

AB OR (C)OMP.

# CONTAINERS

GROUNDWATER

		WASTEWATER

			WASTEWATER
✓	✓	✓	SOIL

				OIL
--	--	--	--	-----

					SLUDGE
--	--	--	--	--	--------

						OTHER:
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							ACID/BASE
--	--	--	--	--	--	--	-----------

[illegible]

								OTHER:
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[illegible]

DATE

[illegible][illegible]

ME

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[illegible][illegible][illegible][illegible][illegible]


[illegible][illegible][illegible]

Yes ☐ No ☐

[illegible][illegible]

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)

Page 23 of 23



**District I**  
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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 269285

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 269285
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	9/27/2023