



October 22, 2024

Robert Hamlet  
District Supervisor  
Oil Conservation Division, District 2  
811 S. First St.  
Artesia, New Mexico 88210

**Re: REVISED Remediation Summary Report and Deferral Request  
ConocoPhillips  
James A Waterflood Facility Release  
Unit Letter P, Section 2, Township 22 South, Range 30 East  
Eddy County, New Mexico  
Incident ID NAB1912758567  
2RP-5398**

Mr. Hamlet:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips to assess, evaluate and remediate a release that occurred as the result of a leak at the injection pump at the James A Waterflood Facility. The release footprint is located in Public Land Survey System (PLSS) Unit Letter P, Section 2, Township 22 South, Range 30 East, in Eddy County, New Mexico (Site). The approximate release point occurred at coordinates 32.416398°, -103.847207°, as shown on Figures 1 and 2.

## BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release was discovered on March 25, 2019. Failed 3/8-inch stainless tubing attached to the injection pump at the James A Waterflood Facility (facility ID fMAP1829545945) resulted in the release of approximately 32 barrels (bbls) of produced water, of which 23 bbls were recovered. The NMOCD received the initial C-141 on May 7, 2019, and subsequently assigned the release the Remediation Permit (RP) number 2RP-5398 and the Incident ID NAB1912758567. The initial C-141 form is included in Appendix A.

According to a Corrective Action Plan (CAP) submitted to the NMOCD in 2019, there were three additional releases at the Site on August 24, 2018, August 30, 2018, and April 4, 2019. The August 30, 2018 release occurred as a result of a tank overflow when the injection station lost power during a thunderstorm, resulting in the release of 33 bbls of produced water, of which 25 bbls were recovered. Although an initial C-141 for the August 30, 2018 release was included in the CAP, there is no associated remediation permit number or incident ID.

Separate Release Characterization and Remediation Work Plans were submitted for the August 24, 2018 (Incident ID NMAP1829546514/2RP-5017) and April 4, 2019 (Incident ID NAB1912759510/2RP-5399) releases. However, all stated incidents were addressed with the equivalent remedial action due to their coincident footprints.

## LAND OWNERSHIP

According to the NMOCD Oil and Gas Map, the Site is located on State Trust Lands. A review of the New Mexico State Land Office (NMSLO) Land Status Map was completed, and the Site is located within active

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oil and gas lease K0-3271-0001, which is listed under ConocoPhillips Company. Based on guidance provided by the NMSLO, as the release footprint is wholly located within the boundaries of a ConocoPhillips active oil and gas lease, no Remediation Right of Entry (ROE) is required at the Site.

## SITE CHARACTERIZATION

A site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of high karst potential. Additionally, several stream bodies were identified within ½ mile of the Site, but these have been identified as ephemeral drainage channels.

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 ½ mile (800 meters) of the Site. There is (1) water well within 1.5 miles (2,400 meters) of the site with a depth to groundwater of 410 feet below ground surface (bgs).

As the available water level information is from a well further than ½ mile asway 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. 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 location and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

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

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

## INITIAL RESPONSE ACTIONS

According to the 2019 CAP, initial response actions taken following the August 24 and August 30, 2018, releases included excavating the release extent to approximately 2 feet bgs. Also, according to the CAP, the March 25, 2019 (mistakenly identified as occurring on March 3<sup>rd</sup>) and April 4, 2019 releases both occurred within the excavation areas before backfilling occurred, and saturated soils were removed.

The CAP included a request to backfill portions of the excavation, and to resample other excavation areas, presumably where the 2019 releases occurred. The CAP was denied by Mike Bratcher of the NMOCD via email on Tuesday, May 7, 2019. Rationale for denial is as follows:

- “Assuming this is the remediation proposal for this release, it is **DENIED** due for the most part, for not meeting requirements of current spill rule [19.15.29] NMAC.
- Here is a link to the rule: <http://164.64.110.134/parts/title19/19.015.0029.html>



- *Please review and resubmit including all documentation as required. Along with multiple other deficiencies, the analytical data needs to be in a table format with sample points clearly marked on a scaled site diagram.*
- *The attachments you have sent are not legible, making this type submittal unacceptable. I would suggest a third party contractor be retained to formulate your proposal."*

A copy of the regulatory correspondence is included in Appendix C. The excavation was apparently backfilled in 2019; however, associated records are scarce.

## SITE ASSESSMENT AND REMEDIATION WORK PLAN

Due to the history of the Site and the multiple associated incidents, on September 26, 2022, Tetra Tech personnel were onsite to oversee the installation of six (6) air rotary soil borings (B-1 through B-6), to a terminal depth of 20 feet bgs each. Soil borings were installed in the release area footprint to vertically delineate the extent of impacted soils. To complete horizontal delineation of the release footprint, Tetra Tech personnel returned to the Site on October 5, 2022 to install fifteen (15) hand auger borings (AH-1 through AH-15) to depths ranging from 1 to 5 feet bgs. Two additional air rotary borings (B-7 and B-8) were installed on and December 12, 2022 to a terminal depth of 30 feet bgs each to complete vertical delineation of the release extent. Soil assessment sampling locations are presented in Figure 4. Photographic documentation from the Site assessment activities is presented in Appendix D.

A total of ninety (90) soil samples were collected from the eight (8) air rotary borings and the fifteen (15) hand auger borings and submitted to Cardinal Laboratories in Hobbs, NM to be analyzed for chloride via EPA Method SM4500Cl-B, BTEX via EPA Method 8021B, and TPH via EPA Method 8015M.

On December 6, 2022, Ensolum, LLC mobilized to the James A Waterflood to perform additional soil sampling activities on behalf of COP. Boring locations BH-01 through BH-06 (Indicated on Figure 4) were installed to depths of 4 feet. Soil samples were collected from 1' and 4' bgs. Samples were submitted to Eurofins Carlsbad, based in Carlsbad, NM.

## SUMMARY OF RESULTS

Analytical results for chloride exceeded the Site RRAL of 600 mg/kg in all interior borings (B-1 through B-6) at multiple variable sample intervals, as well as in the 0-1' and 2-3' bgs sample intervals at AH-11 and the 0-1', 2-3', and 4-5' bgs sample intervals at AH-15.

The analytical results for TPH exceeded the Site RRAL of 100 mg/kg in the 0-1' bgs sample intervals at boring locations B-3, AH-11, and AH-15. There were no detections of BTEX above the reporting limits in any of the analyzed samples. Results from the 2022 soil sampling events are summarized in Table 1. The release was successfully horizontally and vertically delineated as a result of the soil assessment activities.

The Ensolum analytical results were directly compared to the established Site RRALs. The analytical results associated with the sampled borings were below reclamation requirements/RRALs for all constituents. Results from the Ensolum soil sampling event are summarized in Table 2. These data points were used to refine the historical release extents at the Site.

Based on the analytical results, ConocoPhillips proposed to safely remove the remaining impacted material via remedial action. Impacted soils would be excavated using heavy equipment (backhoes, hoe rams, and track hoes) to a maximum depth of 4 feet below the surrounding surface or until a representative sample from the walls and bottom of the excavation is below the RRALs. Select areas containing pressurized lines would be hand-dug to a depth of 4 feet or the maximum extent practicable and heavy equipment will come no more than 3 ft from any pressurized lines. Substantial areas of the lease pad release footprint contain production tanks, electrical and/or pressurized lines, and associated production equipment where remediation could cause a major facility deconstruction. The remediation of these areas was proposed to be deferred until the equipment is removed during other operations, or when the facility is abandoned.

## WORK PLAN APPROVALS

The Release Characterization and Remediation Work Plan (Work Plan) dated May 3, 2023 was prepared based on the results of the 2023 release assessment activities and submitted to the NMOCD and NMSLO for approval. The Work Plan was approved by NMOCD in an email September 20, 2023, with the following comments:

- *"The Remediation Plan is Conditionally Approved. This release is in a high karst area and will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. The variance to install a liner at 4 feet below ground surface is only approved under the circumstance that as much contaminated soil is safely removed as possible. The excavations should be backfilled to 4 feet below surface with clean material, liner installed, and then backfilled to surface with clean material. A deferral may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water. As much contaminated soil as possible should be removed safely with alternative methods (shovel, hydrovac, etc.). Only sample points that could cause a major facility deconstruction will be deferred. Due to the sensitive nature of the site, the variance for 400 ft<sup>2</sup> confirmation samples is denied.*

The NMSLO Environmental Compliance Office (ECO) approved the remediation plan on October 19, 2023, via email with the following comments:

- *"ECO approves the use of a 20-mil poly liner only at this location and for this situation at the subject location.*
- *Per NMOCD, as much soil will be removed as possible before the liner is placed at 4 feet.*
- *The liner is also going to be used on pad only and will not be allowed to be placed in any off-pad areas.*
- *Upon decommissioning of the equipment on site, it is NMSLO-ECO's expectation that the release(s) will be remediated and reclaimed per 19.15.29.12 and 19.15.29.13 NMAC, which will include the removal of the poly liner."*

A copy of the NMOCD and NMSLO approvals are included in Appendix C.

## INTERIM REMEDIAL ACTIVITIES AND SAMPLING

Site preparation commenced on January 24 and 25, 2024, with Tetra Tech personnel daylighting utility lines within the planned remedial area with a hydrovac unit to confirm utility locations prior to commencing interim remedial activities. Initial interim remedial activities occurred on February 19 - 22, 2024, with Tetra Tech personnel excavating the outline of the interim remediation area with a hydrovac unit to have control of all the utilities in the area as numerous surface and subsurface utilities are located within the active facility.

From March 4 to March 20, 2024, Tetra Tech personnel were onsite to supervise the interim remedial activities proposed in the approved Release Characterization and Remediation Work Plan, including excavation, disposal, and confirmation sampling. Impacted soils were excavated as indicated in Figure 5. The areas within the release footprint were excavated to a maximum depth of 7 feet below surrounding grade. Due to safety concerns associated with working around pressurized lines, impacted soils were excavated by hand within 4 feet of subsurface production lines. Heavy machinery remained outside this buffer zone to avoid any associated risk or disturbance. Photographs from the excavated areas prior to backfill are provided in Appendix D.

All excavated material was transported offsite for proper disposal. Approximately 1,307 cubic yards of material were transported to the R360 Halfway Landfill in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix E.

Prior to sampling, in accordance with Subsection D of 19.15.29.12 NMAC, the NMOCD was notified via the OCD portal on March 5, 2024. Documentation of associated regulatory correspondence is included in

Appendix C. On March 6 through March 12, 2024, Tetra Tech personnel were onsite for confirmation sampling. Floor and sidewall samples were collected for laboratory analysis to verify that the impacted materials were properly removed. Each confirmation sample laboratory analytical result was directly compared to the approved RRALs to demonstrate compliance.

Per the conditions of the NMOCD approval of the Work Plan, samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. A total of twenty-five (25) floor sample locations and twenty-one (21) confirmation sidewall sample locations were used during remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Floor sample locations were labeled with "FS"-#. The results of the March 2024 sampling events are summarized in Table 3. All confirmation sidewall samples were below Site RRALs for chloride, BTEX and TPH. Laboratory analytical data is included in Appendix F. Excavated areas, depths and confirmation sample locations are shown in Figure 5. The battery interior was largely congested with numerous subsurface electrical and production lines, as well as production equipment such as production tanks pipelines where any remediation would require a major facility deconstruction.

Once sampling activities were completed and associated analytical results for confirmation sidewall samples received and compared to the approved RRALs, the areas excavated to 7 feet bgs were backfilled with clean material up to 4 feet bgs, a 20-mil reinforced polyethylene liner was installed at 4 feet bgs, and the excavation was backfilled with clean material to pre-release grade, all in accordance with the approved Work Plan. Photographs from the excavated areas with the liner installed are provided in Appendix D.

In accordance with 19.15.29.12 NMAC, the remediated area contains a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by SM4500Cl-B. One (1) representative 5-point composite sample was collected from the backfill material used for the reclamation of the excavation. Soil backfill composite sampling results are summarized in Table 4. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

Backfilled areas were restored to the original condition. The release footprint was within an active pad, so these areas were not seeded. Once the site is no longer reasonably needed for production or drilling activities it will be reclaimed and then seeded per NMSLO requirements.

## DEFERRAL REQUEST

Per NMOCD's conditions of approval, a deferral may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water. Remedial activities consisted of heavy machinery and hydrovac to remove as much contaminated soil as reasonably possible. Any additional excavation of the impacted area located within the active battery facility would cause a major facility deconstruction, in addition to creating safety risks associated with excavating near production equipment via aggressive excavation methods (i.e., backhoe/track hoe, excavators, hydraulic hammer, etc.). These interim field activities were completed safely and without any additional unwanted releases to the environment. Although the liner is in place, 19.15.29.13 NMAC will be implemented when completing abandonment of the tank battery and the associated pipelines and equipment. The area requested for deferral is indicated in Figure 6.

## NMOCD REJECTION

Following the completion of the interim remediation field activities, a report was submitted to the NMOCD on May 28, 2024. The report was rejected by the NMOCD via email on July 24, 2024 with the following reasoning given:

*"The Deferral Request is Denied. This release is in a high karst area and will need to be remediated to the strictest closure criteria of <50' depth to groundwater from Table 1 of the OCD Spill Rule. Please make sure all sidewall and floor samples outside of the deferral request area are delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg TPH. Please specifically review (FS-1 through FS-25). Also, please include depths on all soil sample tables. Auger Hole AH-15 appears to be within the deferral request area. Please*

*make sure AH-15 is fully delineated to 600 mg/kg for chlorides. Additionally, do not request closure for a deferral request. Closure should be requested later in the future after the facility deconstruction takes place and the deferral areas have been fully remediated and meet closure standards."*

On behalf of COP, Tetra Tech has reviewed the initial report and NMOCD rejection reasoning and provides the following to address the NMOCD comments. The NMOCD rejection email is included in Appendix C.

### **Analytical Table Sample Depths**

In the initial report submitted in May 2024, the floor sample depths were inadvertently omitted from Table 3. Table 3 has been revised and is included with this revised report.

### **Deferment Area**

Due to the proximity of the active facility to the excavated areas, the area outside of the containment berm was excavated to 4 feet bgs, 7 feet bgs where practicable. Any additional excavation at depth would be subject to OSHA regulations, and large-scale benching protection systems would have been necessary in these excavation areas as they are greater than 5 feet in depth. The sides of the excavation would have had to have been benched to form a series of horizontal levels, with near-vertical surfaces between levels. Given the limited working area inside the battery and to prevent a cave-in or the destabilization of onsite equipment, 7 feet bgs was the maximum depth achievable for the area.

The majority of the excavated areas contain impacted material below the excavated depth. Therefore, the deferment area has been expanded to include the entirety of the release footprints. The revised deferment area is shown in Figure 6.

### **AH-15**

AH-15 was installed via hand auger and could not be advanced past approximately 5 feet bgs because of the limitations of the hand auger and the density of the subsurface soil. Due to the inaccessibility and proximity to production equipment, the area within the bermed facility could not be safely accessed via drilling rig or trenching equipment to obtain delineation soil samples below 5 feet bgs. Therefore, the boring at AH-15, along with AH-1 through AH-14, were only intended to assess and clarify the horizontal extent of impact.

### **CONCLUSION**

As described above, the facility is currently active. The remedial work completed was successful in removing impacted soils to a depth of 4 feet bgs, 7 feet bgs where practicable, from the release footprint. ConocoPhillips respectfully requests NMOCD approval of the remedial action executed for this release based on the confirmation sampling results and remediation activities performed. ConocoPhillips does not seek closure of the incident, rather, approval of deferral until battery abandonment. Based on the proximity to oil and gas production equipment, COP respectfully requests that further remediation of soils within the interior battery area of the facility with concentrations greater than the Site RRALs be deferred until facility deconstruction (soils beneath the battery areas and beneath liners).

Final remediation and reclamation shall take place in accordance with 19.15.29.12 NMAC once the Site is no longer being used for oil and gas production. A complete and accurate remediation report and/or reclamation report will be submitted at that time. The reclamation report will address all the requirements of 19.15.29.13 NMAC, including an executive summary of the reclamation activities; scaled site map including sampling locations; analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing if the backfill is coming from a rancher's pit or other local source and/or proof from the landfill/landfarm that their backfill is non-waste containing; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and that those areas are maintained to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.

REVISED Remediation Summary Report and Deferral Request  
October 22, 2024

ConocoPhillips

Subsequent to the approval of the reclamation plan, a revegetation report will be submitted, including pictures of the revegetated areas, once the site meets the requirements for vegetation cover found in 19.15.29.13 D.(3) NMAC. Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used as long as the requirements of the surface owner provide equal or better protection of freshwater, human health and the environment.

Thus, ConocoPhillips requests deferral of the remaining impacted soils associated with the NAB1912758567 release within release footprint, and below the tank batteries and production equipment. The completed C-141 forms are enclosed as Appendix A. If you have any questions concerning the remediation activities for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2861.

Sincerely,

**Tetra Tech, Inc.**Ryan Dickerson  
Project ManagerChristian M. Llull, P.G.  
Program Manager

cc:

Mr. Sam Widmer, RMR – ConocoPhillips

Ms. Tami Knight, NMSLO

## LIST OF ATTACHMENTS

### Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent
- Figure 4 – Approximate Release Extents and Site Assessment
- Figure 5 – Excavation Activities and Subsequent Soil Sampling
- Figure 6 – Extent of Requested Deferment

### Tables:

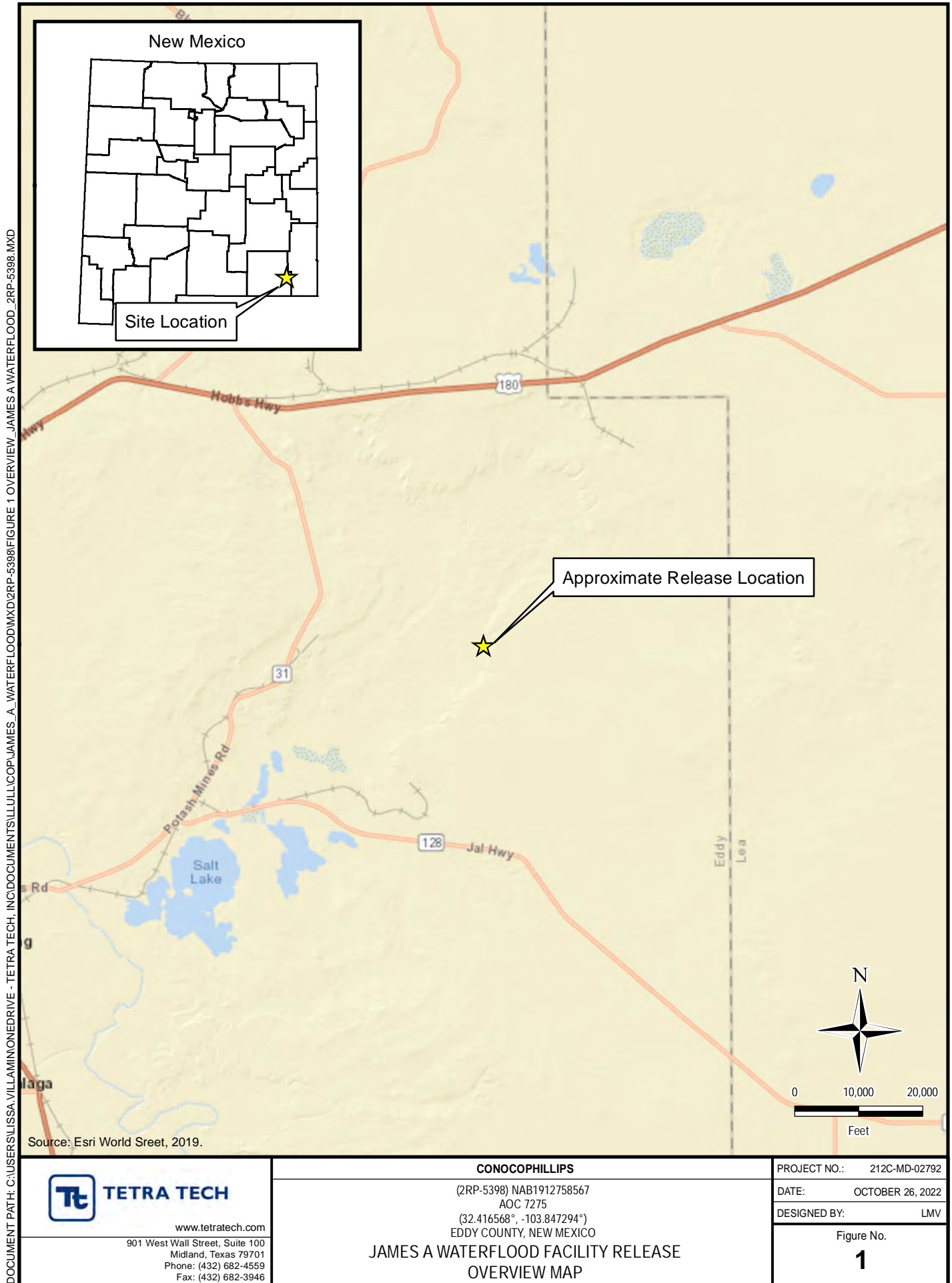
- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Additional Assessment
- Table 3 – Summary of Analytical Results – 2024 Soil Remediation
- Table 4 – Summary of Analytical Results – Backfill Composite

### Appendices:

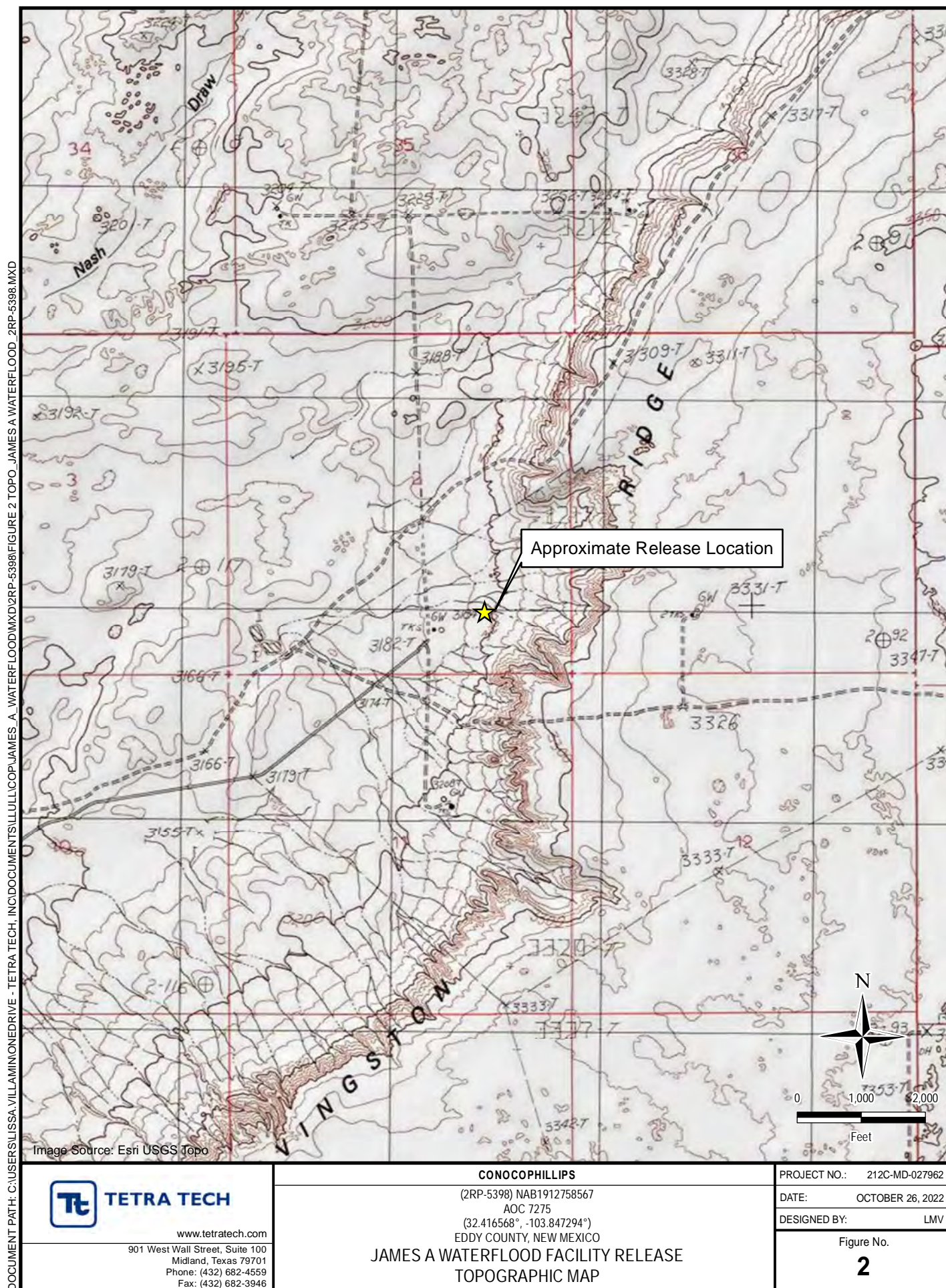
- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Regulatory Correspondence
- Appendix D – Photographic Documentation
- Appendix E – Waste Manifests
- Appendix F – Laboratory Analytical Data



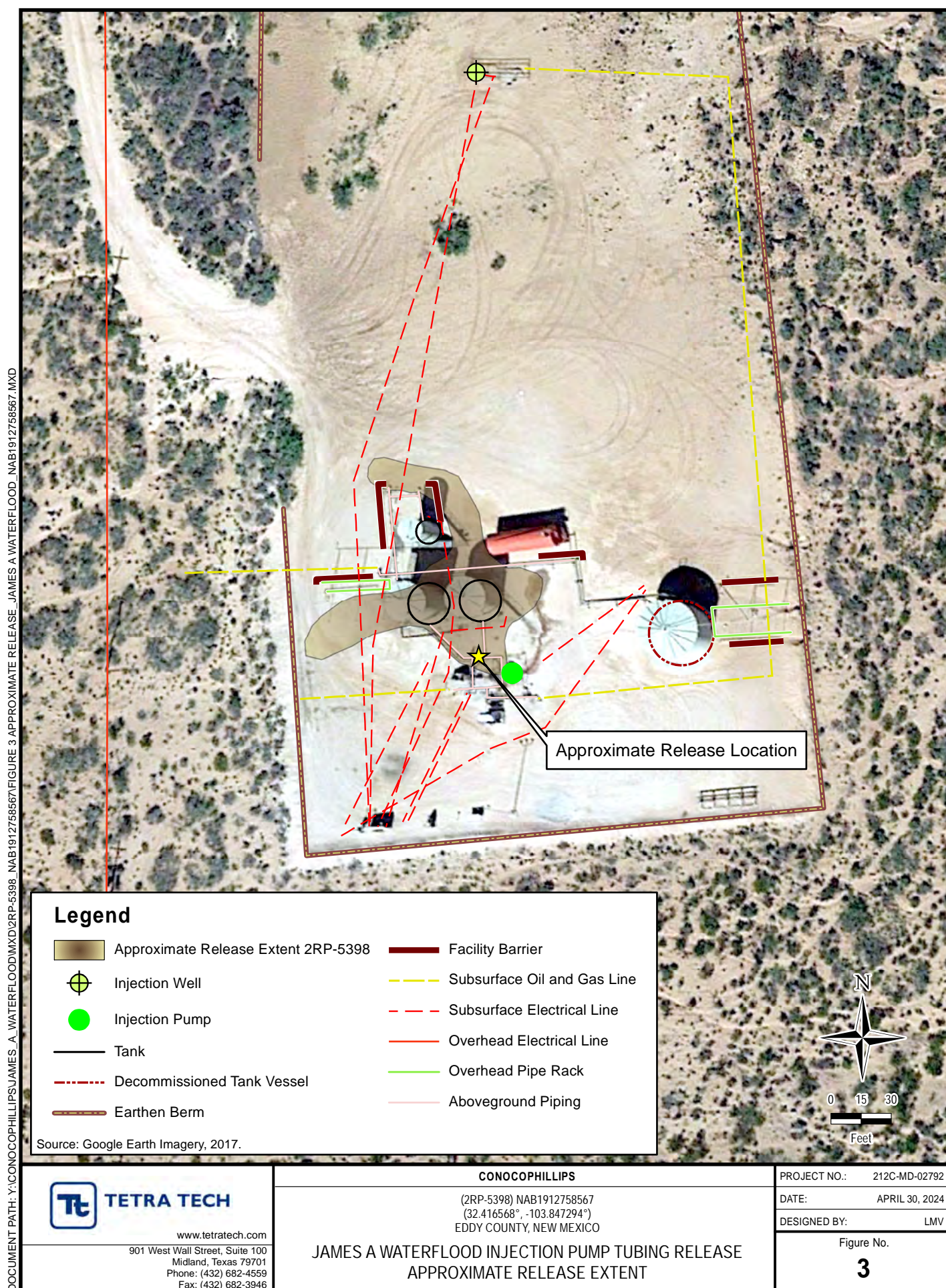
## **FIGURES**





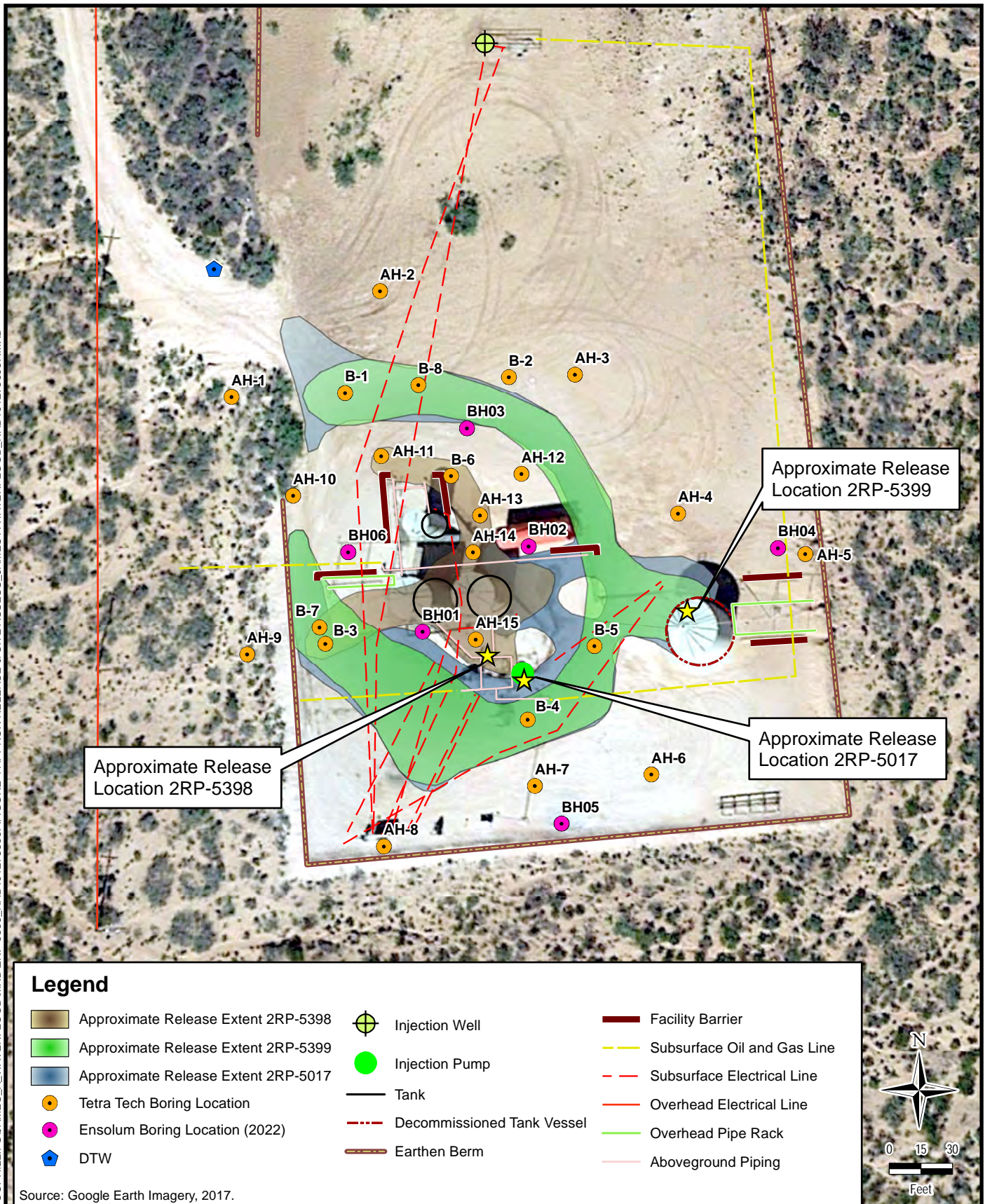








DOCUMENT PATH: Y:\CONOCOPHILLIPS\JAMES\_A\_WATERFLOOD\JAMES\_A\_WATERFLOOD\MXD\2RP-5398\_NAB1912758567\FIGURE 4 APPROX RELEASE &amp; SITE ASSESS - JAMES A WATERFLOOD - NAB1912758567.MXD

**TETRA TECH**

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**CONOCOPHILLIPS**

(2RP-5398) NAB1912758567  
(32.416568°, -103.847294°)  
EDDY COUNTY, NEW MEXICO

**JAMES A WATERFLOOD INJECTION PUMP TUBING RELEASE  
APPROXIMATE RELEASE EXTENTS AND SITE ASSESSMENT**

PROJECT NO.: 212C-MD-02792

DATE: APRIL 30, 2024

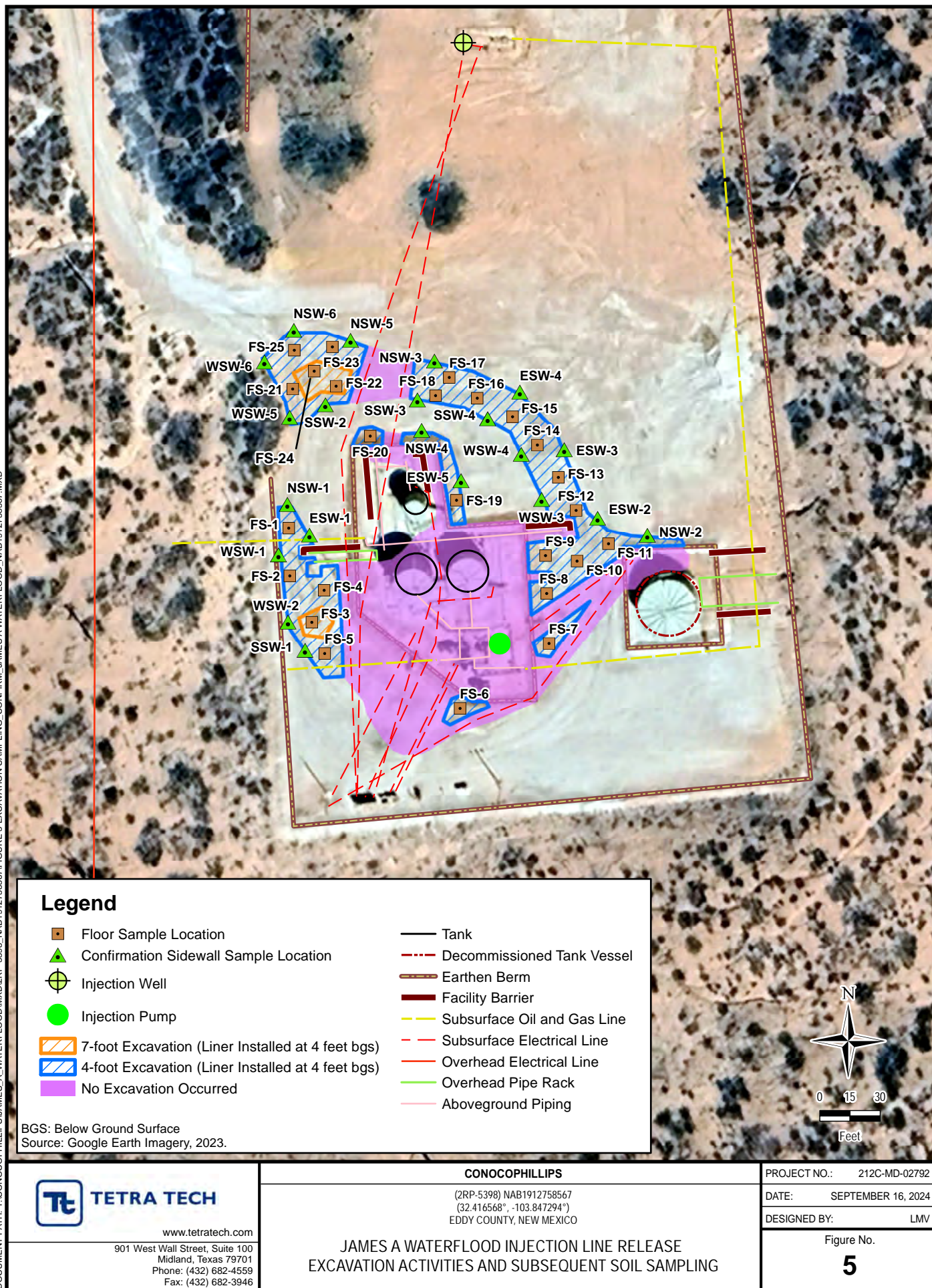
DESIGNED BY: LMV

Figure No.

**4**

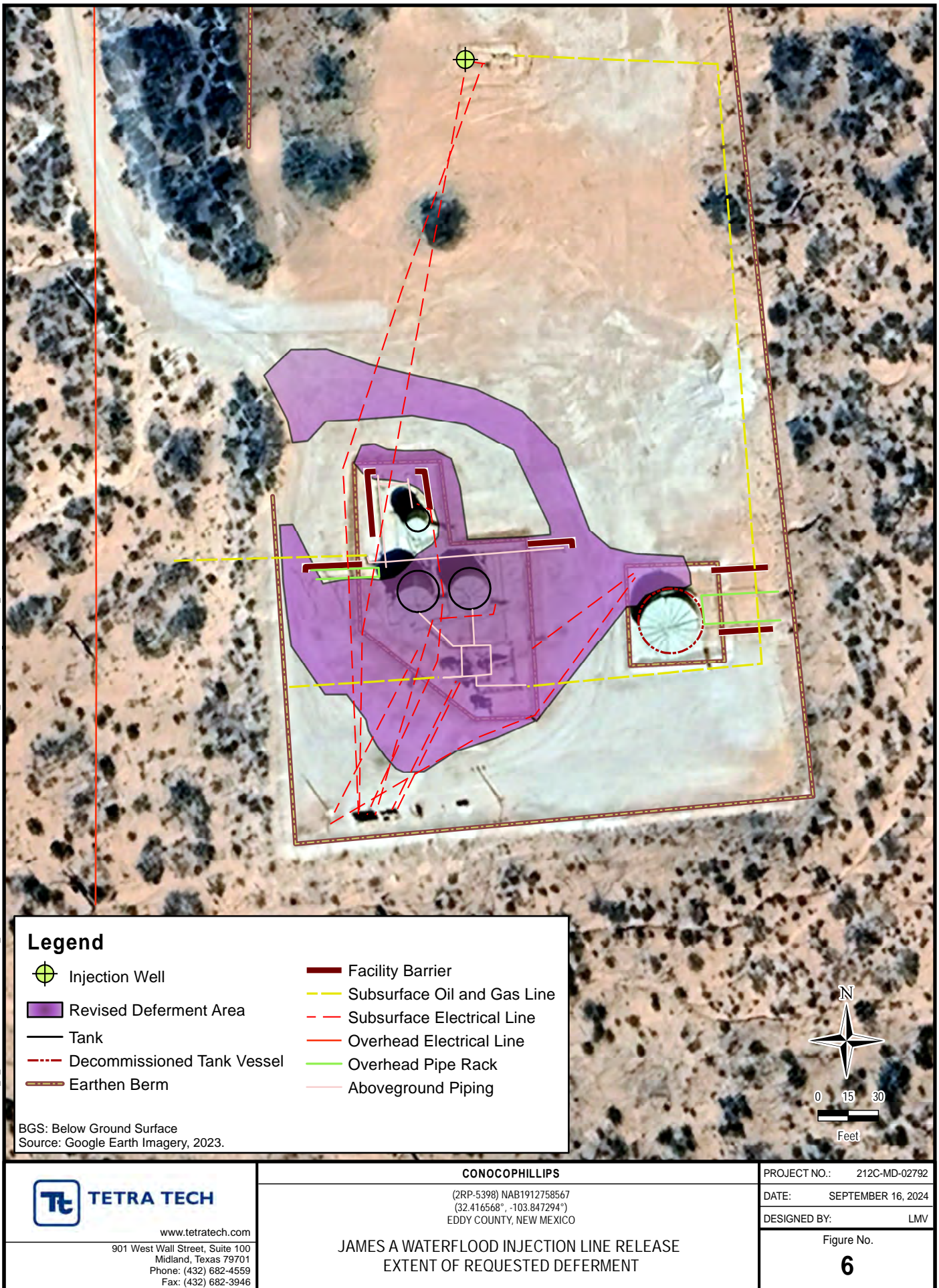


DOCUMENT PATH: Y:\CONOCOPHILLIPS\JAMES\_A\_WATERFLOOD\INXD\RP-5398\_NAB1912758567\FIGURE 5 EXCAVATION SAMPLING\_CONFIRM\_JAMES A WATERFLOOD\_NAB1912758567.MXD





DOCUMENT PATH: Y:\CONOCOPHILLIPS\JAMES\_A\_WATERFLOOD\INXD\RP-5398\_NAB1912758567\FIGURE 6 REQUESTED DEFERMENT\_JAMES\_A\_WATERFLOOD\_NAB1912758567.MXD



## **TABLES**

TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
SOIL ASSESSMENT- 2RP-5398 / nAB1912758567  
CONOCOPHILLIPS  
JAMES A WATERFLOOD (MULTIPLE RELEASES)  
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride <sup>1</sup>		BTEx <sup>2</sup>										TPH <sup>3</sup>							
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEx		GRO	DRO	EXT DRO	(GRO+DRO)	Total TPH (GRO+DRO+EXT DRO)			
		ft. bgs			mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C <sub>6</sub> - C <sub>10</sub>	> C <sub>10</sub> - C <sub>28</sub>	> C <sub>28</sub> - C <sub>36</sub>					
		ppm					mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg
B-1	9/26/2022	Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:			600 mg/kg		< 10 mg/kg		--		--		< 50 mg/kg		--		--		--		--		100 mg/kg	
		Closure Criteria for Soils >4' bgs (GW 50-100 ft):			10,000 mg/kg		< 10 mg/kg		--		--		< 50 mg/kg		--		--		--		1000 mg/kg		2500 mg/kg	
		0-1	-	-	192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		2-3	-	-	800		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		3-4	-	-	1,250		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		4-5	-	-	1,920		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		6-7	-	-	1,600		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		8-9	-	-	224		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
B-2	9/26/2022	14-15	-	-	288		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		19-20	-	-	800		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		0-1	-	-	288		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		2-3	-	-	224		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		3-4	-	-	256		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		4-5	-	-	176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		6-7	-	-	272		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		8-9	-	-	288		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
B-3	9/26/2022	14-15	-	-	864		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		19-20	-	-	1,800		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		0-1	-	-	5,120		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		1,150		248		1,150	1,398
		2-3	-	-	2,880		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		37.9		24		37.9	61.9
		3-4	-	-	1,790		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		4-5	-	-	1,360		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		6-7	-	-	1,780		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		8-9	-	-	1,340		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
B-4	9/26/2022	14-15	-	-	1,420		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		19-20	-	-	1,310		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		0-1	-	-	9,730		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		2-3	-	-	2,800		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		3-4	-	-	3,280		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		4-5	-	-	3,000		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		6-7	-	-	3,080		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-
		8-9	-	-	2,800		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	-



TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
SOIL ASSESSMENT- 2RP-5398 / nAB1912758567  
CONOCOPHILLIPS  
JAMES A WATERFLOOD (MULTIPLE RELEASES)  
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>									
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		(GRO+DRO)	Total TPH (GRO+DRO+EXT DRO)		
		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	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q		mg/kg	Q	
		ft. bgs	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:			600 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		--		100 mg/kg	
		Closure Criteria for Soils >4' bgs (GW 50-100 ft):			10,000 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		1000 mg/kg		2500 mg/kg	
B-5	9/26/2022	0-1	-	-	1,920		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		2-3	-	-	960		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		3-4	-	-	1,150		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		4-5	-	-	1,060		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		6-7	-	-	1,520		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		8-9	-	-	2,200		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		14-15	-	-	944		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		19-20	-	-	1,760		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
B-6	9/26/2022	0-1	-	-	128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		2-3	-	-	208		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		3-4	-	-	688		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		4-5	-	-	1,040		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		6-7	-	-	1,310		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		8-9	-	-	1,460		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		14-15	-	-	1,380		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		19-20	-	-	1,390		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
B-7	12/12/2022	0-1	-	-	8,260		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		2-3	-	-	4,000		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		3-4	-	-	976		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		4-5	-	-	336		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		6-7	-	-	272		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		8-9	-	-	224		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		14-15	-	-	336		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		19-20	-	-	176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		24-25	-	-	128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
				29-30	-	-	128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	
B-8	12/12/2022	0-1	-	-	752		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		45.2		< 10.0		45.2		45.2	
		2-3	-	-	240		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		3-4	-	-	368		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		4-5	-	-	336		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		6-7	-	-	320		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		8-9	-	-	256		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		14-15	-	-	320		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		19-20	-	-	176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
		24-25	-	-	672		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--		-	
				29-30	-	-	624		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		--	

TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
SOIL ASSESSMENT- 2RP-5398 / nAB1912758567  
CONOCOPHILLIPS  
JAMES A WATERFLOOD (MULTIPLE RELEASES)  
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>									
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		(GRO+DRO)	Total TPH (GRO+DRO+EXT DRO)		
		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	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q		mg/kg	Q	
		ft. bgs	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:			600 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		--		100 mg/kg	
Closure Criteria for Soils >4' bgs (GW 50-100 ft):			10,000 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		1000 mg/kg		2500 mg/kg			
AH-1	10/5/2022	0-1	75.5	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-2	10/5/2022	0-1	193	-	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		13.8		11.3		13.8	25.1		
AH-3	10/5/2022	0-1	307	-	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-4	10/5/2022	0-1	299	-	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-5	10/5/2022	0-1	48.8	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-6	10/5/2022	0-1	67.3	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-7	10/5/2022	0-1	193	-	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-8	10/5/2022	0-1	543	-	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-9	10/5/2022	0-1	61.3	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.0300		<10.0		<10.0		<10.0		--	-		
AH-10	10/5/2022	0-1	130	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-11	10/5/2022	0-1	5870	-	5,360		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		95.7		23.5		95.7	119.2		
		2-3	2000	-	2,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
		4-5	701	-	400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-12	10/5/2022	0-1	107	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		31.8		<10.0		31.8	31.8		
		2-3	97	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-13	10/5/2022	0-1	81.2	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
		2-3	87.8	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-14	10/5/2022	0-1	683	-	384		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
		2-3	578	-	320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
AH-15	10/5/2022	0-1	1205	-	12,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		190		52.7		190	242.7		
		2-3	5370	-	5,840		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		--	-		
		4-5	2100	-	2,840		<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 Remediation RRALs and Reclamation Requirements.

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

TABLE 2  
SUMMARY OF ADDITIONAL ANALYTICAL RESULTS  
SOIL ASSESSMENT - NAB1912758567 (2RP-5398)  
CONOCOPHILLIPS  
JAMES A WATERFLOOD FACILITY  
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>									
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		(GRO+DRO)	Total TPH (GRO+DRO+EXT DRO)		
		ft. bgs			ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C <sub>6</sub> - C <sub>10</sub>	Q	> C <sub>10</sub> - C <sub>28</sub>	Q	> C <sub>28</sub> - C <sub>36</sub>			Q	mg/kg
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:			600 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		--		100 mg/kg	
		Closure Criteria for Soils >4' bgs (GW 50-100 ft):			10,000 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		1000 mg/kg		2500 mg/kg	
BH01	12/6/2022	1'			16.8		<0.00202		<0.00202		<0.00202		<0.00404		<0.00404		<49.9		<49.9		<49.9		<49.9		<49.9	
		4'			54.4		<0.00199		<0.00199		<0.00199		<0.00398		<0.00398		<49.8		<49.8		<49.8		<49.8		<49.8	
BH02	12/6/2022	1'			5.94		<0.00199		<0.00199		<0.00199		<0.00398		<0.00398		<50.0		<50.0		<50.0		<50.0		<50.0	
		4'			35.4		<0.00199		<0.00199		<0.00199		<0.00398		<0.00398		<50.0		<50.0		<50.0		<50.0		<50.0	
BH03	12/6/2022	1'			506		<0.00198		<0.00198		<0.00198		<0.00396		<0.00396		<49.9		56.9		<49.9		56.9		56.9	
		4'			542		<0.00200		<0.00200		<0.00200		<0.00401		<0.00401		<49.9		65.5		<49.9		65.5		65.5	
BH04	12/6/2022	1'			578		<0.00201		<0.00201		<0.00201		<0.00402		<0.00402		<50.0		<50.0		<50.0		<50.0		<50.0	
		4'			87.5		<0.00201		<0.00201		<0.00201		<0.00402		<0.00402		<49.9		<49.9		<49.9		<49.9		<49.9	
BH05	12/6/2022	1'			23.5		<0.00199		<0.00199		<0.00199		<0.00398		<0.00398		<49.9		<49.9	*1	<49.9		<49.9		<49.9	
		4'			93.9		<0.00200		<0.00200		<0.00200		<0.00401		<0.00401		<50.0		<50.0	*1	<50.0		<50.0		<50.0	
BH06	12/6/2022	1'			146		<0.00199		<0.00199		<0.00199		<0.00398		<0.00398		<50.0		<50.0	*1	<50.0		<50.0		<50.0	
		4'			171		<0.00200		<0.00200		<0.00200		<0.00399		<0.00399		<50.0		<50.0	*1	<50.0		<50.0		<50.0	

## 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 SM4500CI-B

2 Method 8021B

3 Method 8015M

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

Shaded rows indicate intervals proposed for excavation.

## QUALIFIERS:

\*1

LCS/LCSD RPD exceeds control limits.



TABLE 3  
SUMMARY OF ANALYTICAL RESULTS  
SOIL REMEDIATION - nAB1912759510 (2RP-5399)  
CONOCOPHILLIPS  
JAMES A WATERFLOOD FACILITY  
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>									
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		(GRO+DRO)	Total TPH (GRO+DRO+EXT DRO)		
		ft. bgs			ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg			Q	
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:					600 mg/kg		< 10 mg/kg		--		--		< 50 mg/kg		--		--		--		100 mg/kg			
FS-1	3/6/2024	4	-	-	1,200		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		16.4		<10.0		16.4			
FS-2	3/6/2024	4	-	-	928		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-3	3/6/2024	7	-	-	832		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-4	3/6/2024	4	-	-	1,490		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-5	3/7/2024	4	-	-	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-6	3/7/2024	4	-	-	1,920		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-7	3/12/2024	4	-	-	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-8	3/12/2024	4	-	-	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-9	3/12/2024	4	-	-	6,720		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-10	3/12/2024	4	-	-	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-11	3/6/2024	4	-	-	3,520		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-12	3/6/2024	4	-	-	496		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-13	3/6/2024	4	-	-	2,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-14	3/6/2024	4	-	-	512		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-15	3/6/2024	4	-	-	1,760		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-16	3/6/2024	4	-	-	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-17	3/6/2024	4	-	-	1,120		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-18	3/6/2024	4	-	-	880		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-19	3/6/2024	4	-	-	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-20	3/6/2024	4	-	-	1,540		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-21	3/6/2024	4	-	-	1,070		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-22	3/6/2024	7	-	-	752		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-23	3/6/2024	4	-	-	960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-24	3/6/2024	7	-	-	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
FS-25	3/6/2024	4	-	-	1,420		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
NSW-1	3/7/2024	-	-	-	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
NSW-2	3/7/2024	-	-	-	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
NSW-3	3/7/2024	-	-	-	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
NSW-4	3/7/2024	-	-	-	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
NSW-5	3/6/2024	-	-	-	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			
NSW-6	3/7/2024	-	-	-	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-			

TABLE 3  
SUMMARY OF ANALYTICAL RESULTS  
SOIL REMEDIATION - nAB1912759510 (2RP-5399)  
CONOCOPHILLIPS  
JAMES A WATERFLOOD FACILITY  
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride <sup>1</sup>		BTEx <sup>2</sup>										TPH <sup>3</sup>									
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEx		Gro		Dro		Ext Dro		(Gro+Dro)	Total TPH (Gro+Dro+Ext Dro)		
																	C <sub>6</sub> - C <sub>10</sub>	> C <sub>10</sub> - C <sub>28</sub>	> C <sub>28</sub> - C <sub>36</sub>							
		ft. bgs	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg			
ESW-1	3/6/2024	-	-	-	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
ESW-2	3/6/2024	-	-	-	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
ESW-3	3/7/2024	-	-	-	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
ESW-4	3/7/2024	-	-	-	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
ESW-5	3/6/2024	-	-	-	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
WSW-1	3/7/2024	-	-	-	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
WSW-2	3/7/2024	-	-	-	272		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
WSW-3	3/6/2024	-	-	-	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
WSW-4	3/7/2024	-	-	-	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
WSW-5	3/6/2024	-	-	-	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
WSW-6	3/6/2024	-	-	-	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
SSW-1	3/7/2024	-	-	-	432		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
SSW-2	3/7/2024	-	-	-	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
SSW-3	3/7/2024	-	-	-	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	-	-			
SSW-4	3/7/2024	-	-	-	192		<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 Remediation RRALs and Reclamation Requirements.***

## QUALIFIERS:

TABLE 4  
SUMMARY OF ANALYTICAL RESULTS  
SUTTON PIT - SOIL BACKFILL  
CONOCOPHILLIPS  
JAMES A WATERFLOOD FACILITY RELEASE  
EDDY COUNTY, NM

Sample ID	Sample Date	Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>							
				Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH	
														C <sub>6</sub> - C <sub>10</sub>		> C <sub>10</sub> - C <sub>28</sub>		> C <sub>28</sub> - C <sub>36</sub>		(GRO+DRO+EXT DRO)	
		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
BACKFILL - COMPOSITE	2/15/2024	112		<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**

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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

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

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

Incident ID	NAB1912758567
District RP	2RP-5398
Facility ID	fMAP1829545945
Application ID	pAB1912757337

## Release Notification

### Responsible Party

Responsible Party ConocoPhillips	OGRID 217817
Contact Name Justin Wright	Contact Telephone +1-575-631-9092
Contact email Justin.Wright@conocophillips.com	Incident # (assigned by OCD) NAB1912758567
Contact mailing address 29 Vacuum Complex Lane, Lovington	

### Location of Release Source

Latitude 32.41692 Longitude -103.84735  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: James A Waterfld	Site Type: Water flood
Date Release Discovered: 03/25/2019	API# (if applicable) 3001526761 ** Facility

Unit Letter	Section	Township	Range	County
P	2	22S	30E	Eddy

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 32	Volume Recovered (bbls) 23
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

#### Cause of Release

Failed 3/8" Stainless tubing attached to the injection pump

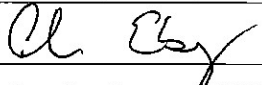

State of New Mexico  
Oil Conservation Division

Incident ID	NAB1912758567
District RP	2RP-5398
Facility ID	fMAP1829545945
Application ID	pAB1912757337

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?  An authorized release of a volume, excluding gas, in excess of 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  Immediate notification was given by Christopher Ebey (COP HSE) to Jim Griswald via telephone (505.476.3465) on 3/25/19 @ 14:41	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:  	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Christopher Ebey	Title: HSE Specialist
Signature: 	Date: 4/24/19
email: Christopher.ebey@conocophillips.com	Telephone: 575.391.3165
<b>OCD Only</b>	
Received by: 	Date: 5/7/2019



Incident ID	NAB1912758567
District RP	2RP-5398
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 (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.

<p><b>Characterization Report Checklist:</b> <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li><li><input checked="" type="checkbox"/> Field data</li><li><input checked="" type="checkbox"/> Data table of soil contaminant concentration data</li><li><input checked="" type="checkbox"/> Depth to water determination</li><li><input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li><li><input checked="" type="checkbox"/> Boring or excavation logs</li><li><input checked="" type="checkbox"/> Photographs including date and GIS information</li><li><input checked="" type="checkbox"/> Topographic/Aerial maps</li><li><input checked="" type="checkbox"/> Laboratory data including chain of custody</li></ul>
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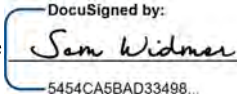
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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	NAB1912758567
District RP	2RP-5398
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-01-2023  
email: Sam.widmer@conocophillips.com Telephone: 281-206-5298

**OCD Only**

Received by: Jocelyn Harimon Date: 05/03/2023

Incident ID	NAB1912758567
District RP	2RP-5398
Facility ID	
Application ID	

## Remediation Plan

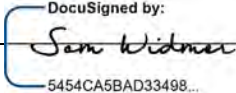
**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☒ 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-01-2023  
email: Sam.widmer@conocophillips.com Telephone: 281-206-5298

**OCD Only**

Received by: Jocelyn Harimon Date: 05/03/2023

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

Signature:  Date: 9/20/2023

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 213256

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 213256
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. This release is in a high karst area and will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. The variance to install a liner at 4 feet below ground surface is only approved under the circumstance that as much contaminated soil is safely removed as possible. The excavations should be backfilled to 4 feet below surface with clean material, liner installed, and then backfilled to surface with clean material. A deferral may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water. As much contaminated soil as possible should be removed safely with alternative methods (shovel, hydrovac, etc.). Only sample points that could cause a major facility deconstruction will be deferred. Due to the sensitive nature of the site, the variance for 400 ft2 confirmation samples is denied.	9/20/2023

Incident ID	NAB1912758567
District RP	
Facility ID	
Application ID	

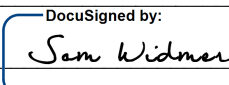
## Closure

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

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

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

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

Printed Name: Sam Widmer Title: Principal Program Manager  
Signature:  Date: Oct-11-2024  
email: Sam.Widmer@ConocoPhillips.com Telephone: 281-206-5298

### OCD Only

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

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

## **APPENDIX B**

### **Site Characterization Data**





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 04528 POD1</a>	CUB	ED		1	3	3	12	22S	30E	608886	3585625	1626			
<a href="#">C 03234 EXPLORE</a>	CUB	ED		1	2	3	35	21S	30E	607695	3589207*	2148	410		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 608396.493

**Northing (Y):** 3587175.815

**Radius:** 2400

\*UTM location was derived from PLSS - see Help

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

10/20/22 3:06 PM

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	

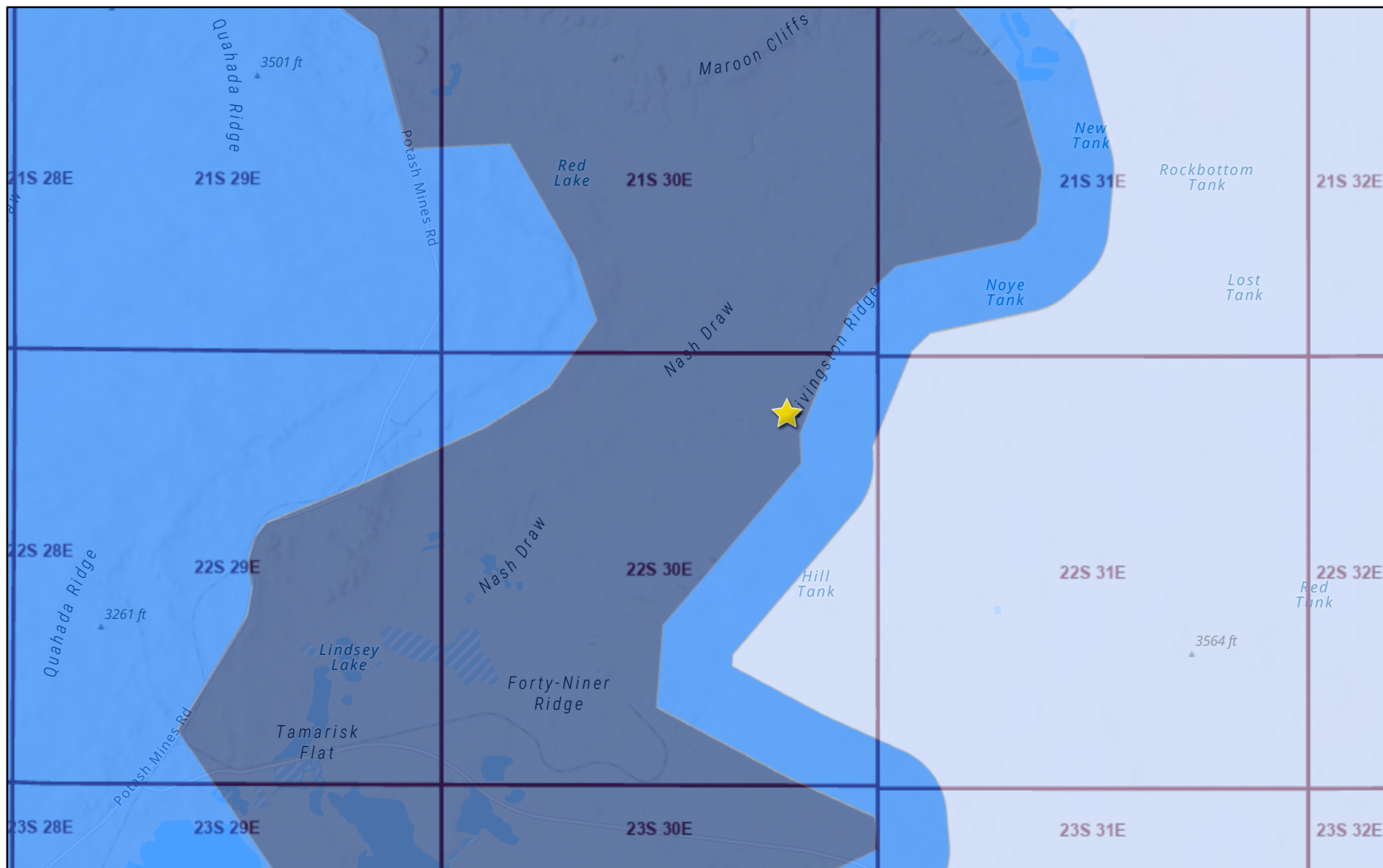
DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS			
												While Drilling <u>▽</u> DRY ft    Upon Completion of Drilling <u>▽</u> DRY ft			
												Remarks:			
MATERIAL DESCRIPTION												DEPTH (ft)	REMARKS		
5												 <b>-SP- SILTY SAND:</b> Light brown to brown, loose, dry, fine grained, with trace caliche nodules, no staining impact or odor <b>-SM- SAND:</b> Brown, weakly cemented, dry, very fine grained, with trace caliche	3		
10															
15															
20															
25															
30												 <b>-SC- CLAYEY SAND:</b> Reddish brown, moderately cemented, moist  <b>-SM- SILTY SAND:</b> Reddish Brown, dense, weakly cemented, dry	19		
35															
40															
45															
50															
55															

Bottom of borehole at 55.0 feet.

<b>Sampler Types:</b> Split Spoon Shelby Bulk Sample Grab Sample	Acetate Liner Vane Shear Discrete Sample Test Pit	<b>Operation Types:</b> Mud Rotary Continuous Flight Auger Wash Rotary	Hand Auger Air Rotary Direct Push Core Barrel	<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
-----------------------------------	---------------------------------------	--------------------------------------

## James A Waterflood - Karst



10/12/2022, 11:31:59 AM



Override 1

Karst Occurrence Potential

High

Medium

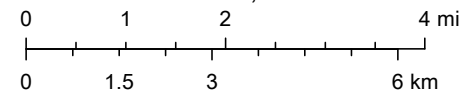


Low



PLSS Townships

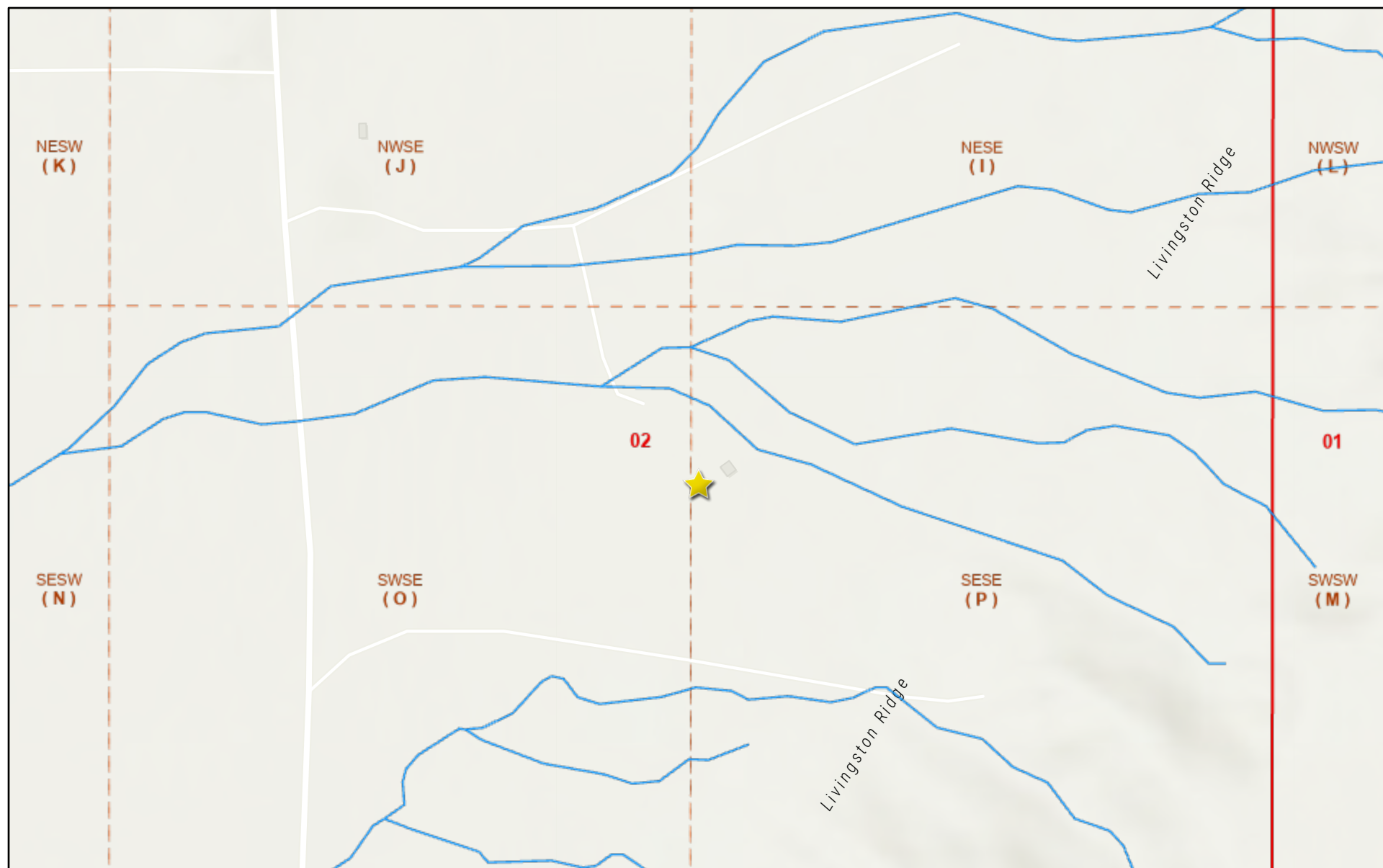
1:144,448







BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin,

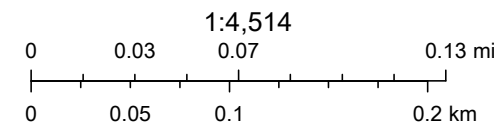
New Mexico Oil Conservation Division

## James A Waterflood - Water Bodies



10/12/2022, 11:21:51 AM

-  Override 1
-  PLSS Second Division
-  OSE Streams
-  PLSS First Division



Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, HERE,

New Mexico Oil Conservation Division



# National Flood Hazard Layer FIRMette



103°51'9"W 32°25'15"N


























0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°50'32"W 32°24'44"N

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature
		Digital Data Available
MAP PANELS		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/29/2024 at 4:02 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

## **APPENDIX C**

### **Regulatory Correspondence**

**Bratcher, Mike, EMNRD**

---

**From:** Bratcher, Mike, EMNRD  
**Sent:** Tuesday, May 7, 2019 3:50 PM  
**To:** Wright, Justin K  
**Cc:** Fejervary Morena, Gustavo A; Hamlet, Robert, EMNRD; Venegas, Victoria, EMNRD  
**Subject:** RE: CAP for James A Waterflood 2RP-5017  
**Attachments:** 20190503124725.pdf

RE: ConocoPhillips \* James A 12 aka James A Waterflood \* 2RP-5017 \* DOR: 8/24/18

Justin,

Assuming this is the remediation proposal for this release, it is **DENIED** due for the most part, for not meeting requirements of current spill rule [19.15.29]NMAC.

Here is a link to the rule: <http://164.64.110.134/parts/title19/19.015.0029.html>

Please review and resubmit including all documentation as required. Along with multiple other deficiencies, the analytical data needs to be in a table format with sample points clearly marked on a scaled site diagram. The attachments you have sent are not legible, making this type submittal unacceptable. I would suggest a third party contractor be retained to formulate your proposal.

Also, for all OCD District 2 Environmental correspondence, please address to the following District Environmental Specialists:

Rob Hamlet: [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)  
Victoria Venegas: [victoria.venegas@state.nm.us](mailto:victoria.venegas@state.nm.us)

You may continue to copy me as well.

Thank you,

Mike Bratcher  
NMOCD District 2  
811 South First Street  
Artesia, NM 88210  
575-748-1283 Ext 108

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

---

**From:** Wright, Justin K <Justin.Wright@conocophillips.com>  
**Sent:** Friday, May 3, 2019 2:08 PM  
**To:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>



**Cc:** Fejervary Morena, Gustavo A <G.Fejervary@conocophillips.com>

**Subject:** [EXT] FW: CAP for James A Waterflood 2RP-5017

**From:** Wright, Justin K <[Justin.Wright@conocophillips.com](mailto:Justin.Wright@conocophillips.com)>

**Sent:** Friday, May 3, 2019 12:50 PM

**To:** Wright, Justin K <[Justin.Wright@conocophillips.com](mailto:Justin.Wright@conocophillips.com)>

**Subject:**

**Chavira, Lisbeth**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Wednesday, September 20, 2023 3:59 PM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 213256

**⚠ 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#) nAB1912758567, with the following conditions:

- **The Remediation Plan is Conditionally Approved.** This release is in a high karst area and will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. The variance to install a liner at 4 feet below ground surface is only approved under the circumstance that as much contaminated soil is safely removed as possible. The excavations should be backfilled to 4 feet below surface with clean material, liner installed, and then backfilled to surface with clean material. A deferral may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water. As much contaminated soil as possible should be removed safely with alternative methods (shovel, hydrovac, etc.). Only sample points that could cause a major facility deconstruction will be deferred. Due to the sensitive nature of the site, the variance for 400 ft<sup>2</sup> confirmation samples is denied.

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,  
Robert Hamlet  
575-748-1283  
Robert.Hamlet@emnrd.nm.gov

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

**Chavira, Lisbeth**

**From:** Knight, Tami C. <tknight@slo.state.nm.us>  
**Sent:** Thursday, October 19, 2023 12:48 PM  
**To:** Dickerson, Ryan  
**Cc:** Barnes, Will; Griffin, Becky R.; Elliott, April L.; Llull, Christian; Poole, Nicholas  
**Subject:** RE: COP - James A Waterflood Releases (NMAP1829546514, NAB1912758567, and NAB1912759510) - Remediation Work Plans - Approved with Conditions

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Ryan

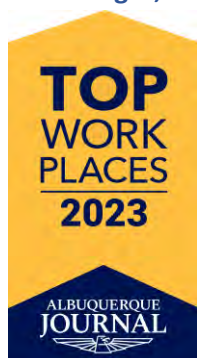
Documentation of proposed remediation actions for the project site identified as the James A Waterflood was received from your office on September 27, 2023. The NMSLO Environmental Compliance Office (ECO) has reviewed the plan, and based on the information provided in the document received from your office, ECO has approved the remediation plan with conditions.

1. ECO approves the use of a 20-mil poly liner only at this location and for this situation at the subject location.
2. Per NMOCD, as much soil will be removed as possible before the liner is placed at 4 feet.
3. The liner is also going to be used on pad only and will not be allowed to be placed in any off-pad areas.
4. Upon decommissioning of the equipment on site, it is NMSLO-ECO's expectation that the release(s) will be remediated and reclaimed per 19.15.29.12 and 19.15.29.13 NMAC, which will include the removal of the poly liner.

If you have further questions please feel free to call me at 505-670-1638.

**PLEASE SUBMIT WORKPLANS AND REPORTS TO [ECO@SLO.STATE.NM.US](mailto:ECO@SLO.STATE.NM.US)**

**Tami Knight, CHMM**



*Environmental Specialist  
SRD-Environmental  
Compliance Office (ECO)  
505.670.1638  
New Mexico State Land Office  
1300 W. Broadway Avenue, Suite A  
Bloomfield, NM 87413  
tknight@slo.state.nm.us  
[nmstatelands.org](http://nmstatelands.org)*



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---

**From:** Dickerson, Ryan <Ryan.Dickerson@tetrattech.com>  
**Sent:** Thursday, October 19, 2023 8:45 AM  
**To:** Knight, Tami C. <tknight@slo.state.nm.us>  
**Subject:** [EXTERNAL] FW: COP - James A Waterflood Releases (NMAP1829546514, NAB1912758567, and NAB1912759510) - Remediation Work Plans

Hey, Tami! Have you had a chance to review this Remediation Work Plan and OCD comments? ConocoPhillips is asking me about the status of these incidents.

Thanks,

Ryan

**Ryan Dickerson** | Project Geologist  
Cell +1 (512) 217-7254 | [ryan.dickerson@tetrattech.com](mailto:ryan.dickerson@tetrattech.com)

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

---

**From:** Dickerson, Ryan  
**Sent:** Wednesday, September 27, 2023 3:32 PM  
**To:** [spills@slo.state.nm.us](mailto:spills@slo.state.nm.us)  
**Cc:** Knight, Tami C. <tknight@slo.state.nm.us>; Llull, Christian <[Christian.Llull@tetrattech.com](mailto:Christian.Llull@tetrattech.com)>; Poole, Nicholas <[NICHOLAS.POOLE@tetrattech.com](mailto:NICHOLAS.POOLE@tetrattech.com)>  
**Subject:** COP - James A Waterflood Releases (NMAP1829546514, NAB1912758567, and NAB1912759510) - Remediation Work Plans

Tami:

Attached is a Release Characterization and Remediation Workplan for the James A Waterflood Facility Release (NAB1912759510).

The remedial action proposed in the attached Work Plan is the same as proposed to remedy incident IDs

**NAB1912758567** and **NMAP1829546514**.

Work Plans were submitted for all three incidents.

These Work Plans have been approved by NMOCD with the same conditions, see attached correspondence.

We can provide you with the other two Remediation Work Plans and OCD approval emails if you wish to review them.

**James A Waterflood Facility Release**  
**Incident ID NAB1912759510**  
**DOR: 4/4/2019**  
**(2RP-5399)**  
**Eddy County, NM**  
**Site Coordinates: 32.416457°, -103.847310°**

**Incident ID NAB1912759510 Details:**

- According to the C-141, the release was discovered on 4/4/2019.

- The release consisted of 45.12 bbls of produced water, of which 43.32 bbls were recovered.
- The release source was a tank overflow.
- The Site is in an area of high karst.
- The is NMSLO-owned land (**mistakenly BLM in report**).
- On June 29, 2022, Tetra Tech was at the Site to assess current site conditions and take photographs of the impacted area, if any.
  - Minor soil staining was observed at the southern portion of the lease pad.
  - Due to the age of the releases, it is unclear if the staining is the result of the 2018 and 2019 releases.
- Due to the lack of visual evidence, Tetra Tech personnel were at the Site to conduct soil screening activities on July 26, 2022.
  - Prior to mobilization, a grid was overlain atop aerial imagery of the Site to better guide screening activities.
  - A total of 40 locations were screened for chloride concentration in surface soils.
    - With the exception of B-5, all inferred exceedances of chloride were located on the lease pad.
    - B-5 is located on the edge of the lease pad, near the Site entrance.
    - Using information provided in the C-141 and COP, site visit observations and soil screening results, approximate extents for the 3 releases were developed.
- Tetra Tech conducted soil assessment activities at the Site from September through December, 2022.
  - Eight (8) air rotary borings were installed within the release extent(s) to vertically delineate the combined release extent.
  - Fifteen (15) hand auger borings were installed along the perimeter of the combined release extent to horizontally delineate.
  - A total of ninety (90) soil samples were analyzed for chlorides, TPH, and BTEX.
  - The combined release extent was successfully delineated following the soil assessment activities.
  - Based on the analytical results, ConocoPhillips proposes to excavate impacted soils to a maximum depth of 4 feet bgs.
  - The Work Plans include a variance request to place a liner at the base of the excavation and leave impacted soils below 4 feet bgs in place.
  - The Work Plans also request that remediation of soils immediately under and around active equipment be deferred until the end of life of the facility and final reclamation takes place.
  - Separate Work Plans have been prepared for the 3 releases, but the 3 release extents have been combined for the purpose of remediation.

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.

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

Thanks,

Ryan

**Ryan Dickerson** | Project Geologist  
Cell +1 (512) 217-7254 | [ryan.dickerson@tetrattech.com](mailto:ryan.dickerson@tetrattech.com)

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

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**Chavira, Lisbeth**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Friday, March 1, 2024 9:13 AM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 319293

**⚠ 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 received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAB1912758567.

The sampling event is expected to take place:

**When:** 03/05/2024 @ 10:00

**Where:** P-02-22S-30E 0 FNL 0 FEL (32.41692,-103.84735)

**Additional Information:** Contact Ryan Dickerson at 512-217-7254

**Additional Instructions:** - OCD denied 400 sq ft sampling in the conditionally approved remediation plan  
- From the intersection of Louis Whitlock Road and Wipp Road, head north on Louis Whitlock Road for 2.55 miles. Turn left onto unnamed road and head north for 0.79 miles. Turn left onto unnamed road and head west for 3.11 miles. Turn right at James E #004 well pad. Head west on unnamed road for 0.41 miles. Turn right on unnamed road and head north for 0.4 miles. Turn right on unnamed road and head east for 0.12 miles. Turn right onto unnamed road and head south for 480 feet. Arrive at Site.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

**Dickerson, Ryan**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Wednesday, July 24, 2024 4:44 PM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 350405

**⚠ 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#) nAB1912758567, for the following reasons:

- **The Deferral Request is Denied. This release is in a high karst area and will need to be remediated to the strictest closure criteria of <50' depth to groundwater from Table 1 of the OCD Spill Rule. Please make sure all sidewall and floor samples outside of the deferral request area are delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg TPH. Please specifically review (FS-1 through FS-25). Also, please include depths on all soil sample tables. Auger Hole AH-15 appears to be within the deferral request area. Please make sure AH-15 is fully delineated to 600 mg/kg for chlorides. Additionally, do not request closure for a deferral request. Closure should be requested later in the future after the facility deconstruction takes place and the deferral areas have been fully remediated and meet closure standards.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 350405.

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,  
Robert Hamlet  
575-748-1283  
Robert.Hamlet@emnrd.nm.gov

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

## **APPENDIX D**

# **Photographic Documentation**



TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	Site Signage. James A Waterflood Site.	1
	SITE NAME	ConocoPhillips James Waterflood Releases	9/15/2022

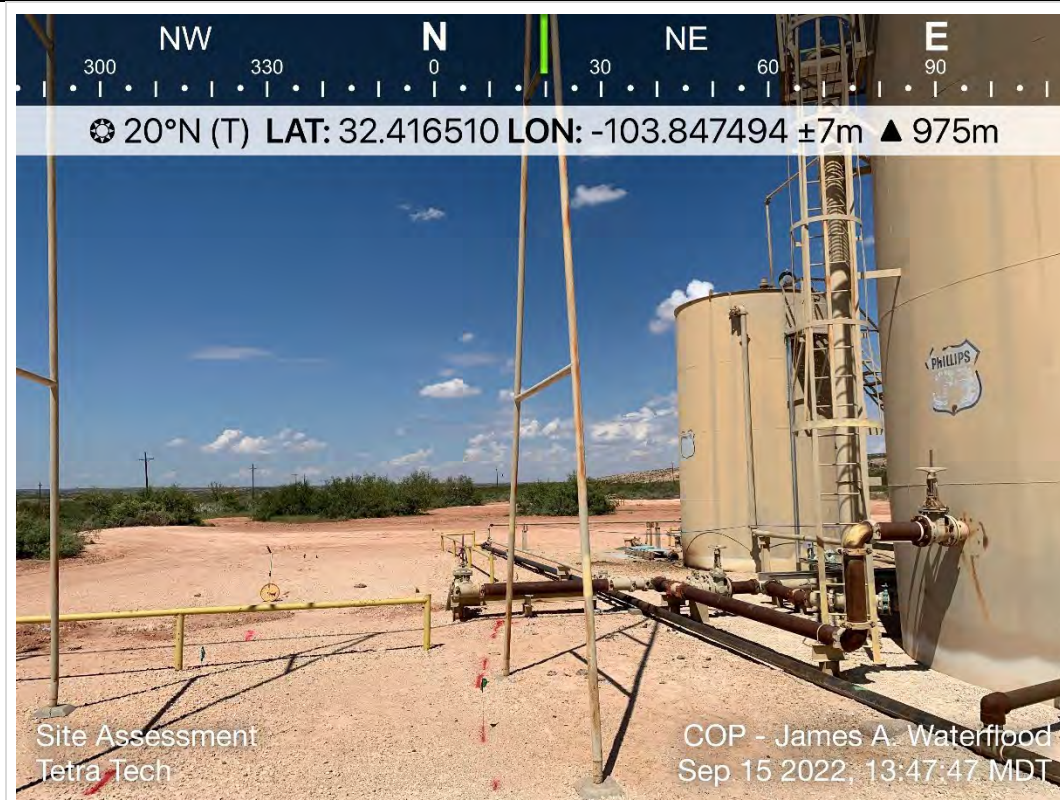


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View east southeast. View of site from lease road entrance.	2
	SITE NAME	ConocoPhillips James Waterflood Releases	9/15/2022



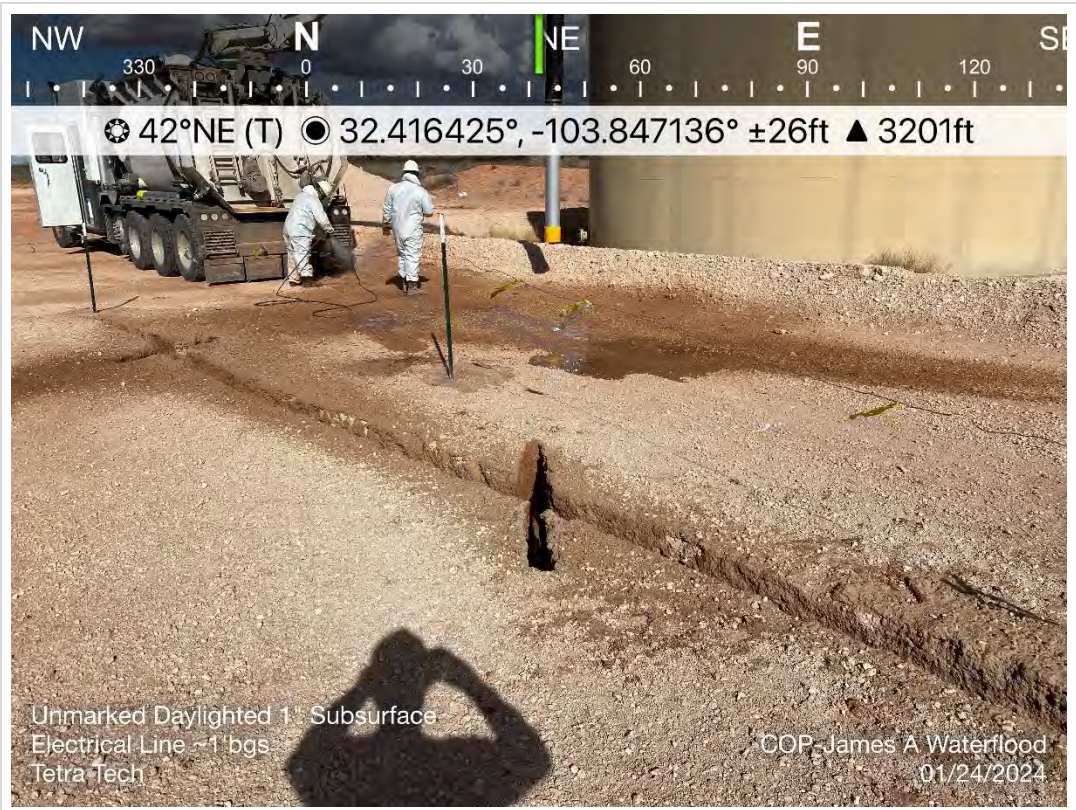


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View east. View of tank batteries and injection pumps. Pothole for utility verification.	3
	SITE NAME	ConocoPhillips James Waterflood Releases	9/15/2022

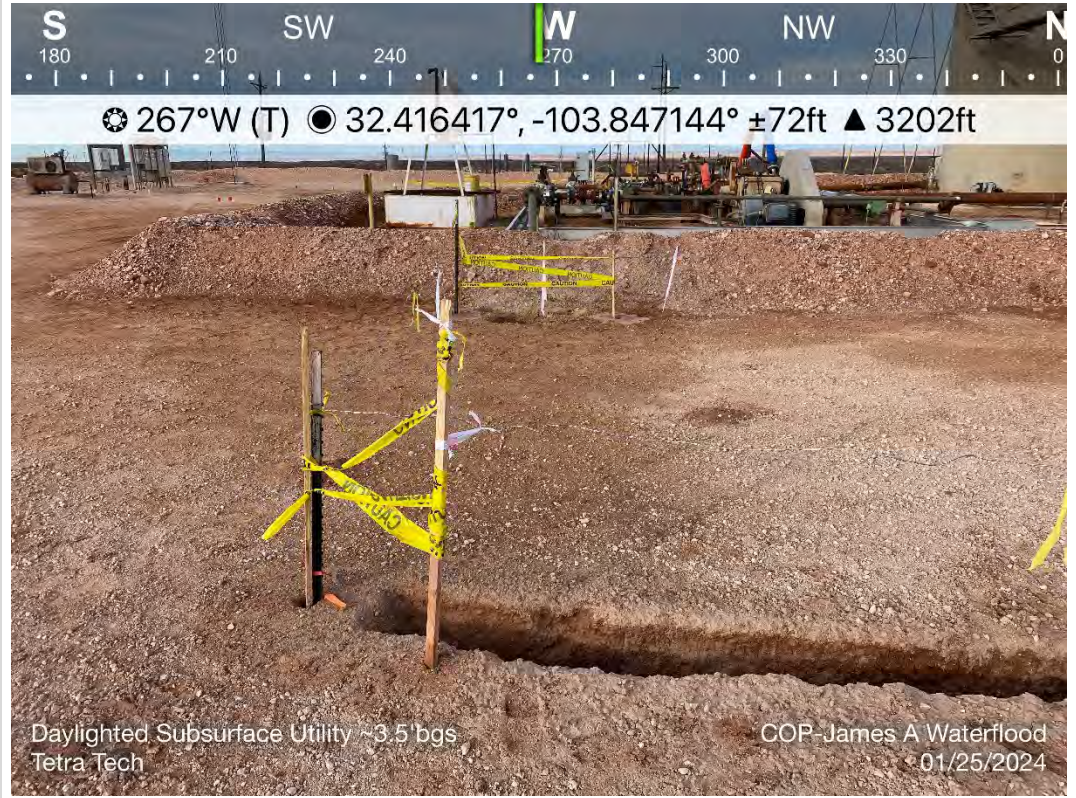


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View north northeast. View of tank batteries. Subsurface electrical lines.	4
	SITE NAME	ConocoPhillips James Waterflood Releases	9/15/2022





TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View northeast. View of hydro-vac activities. V	5
	SITE NAME	ConocoPhillips James Waterflood Releases	1/24/2024

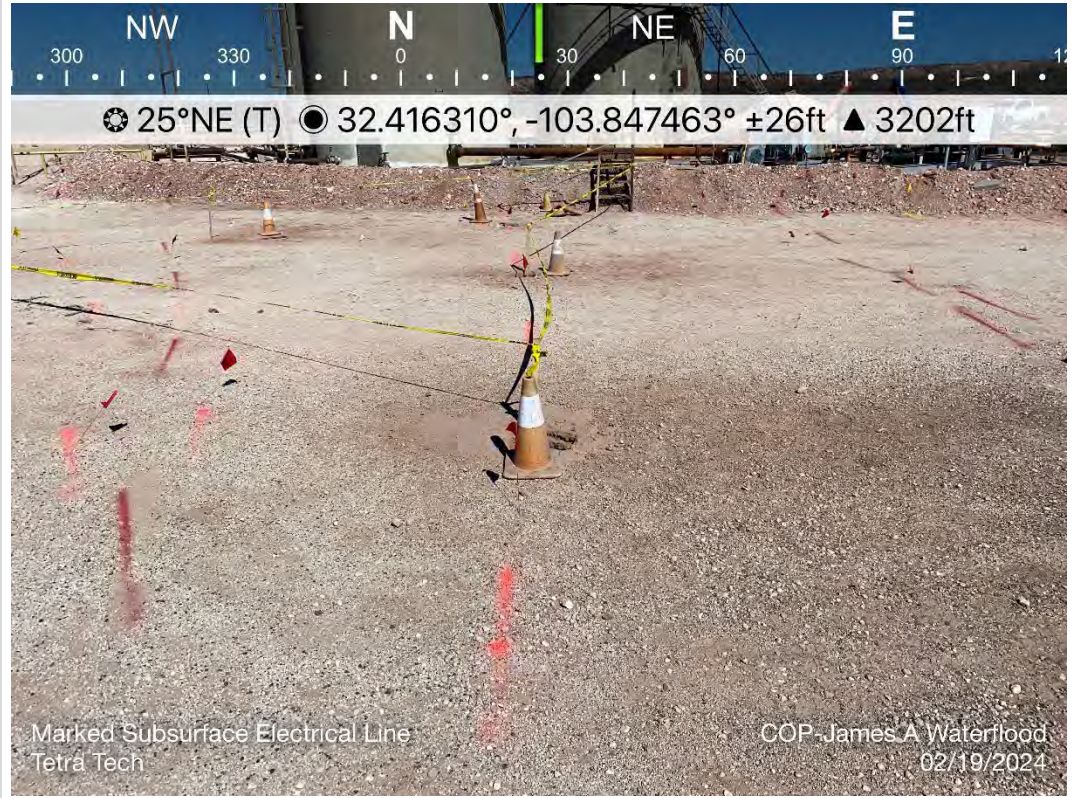


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View west. View of daylighted lines.	6
	SITE NAME	ConocoPhillips James Waterflood Releases	1/25/2024



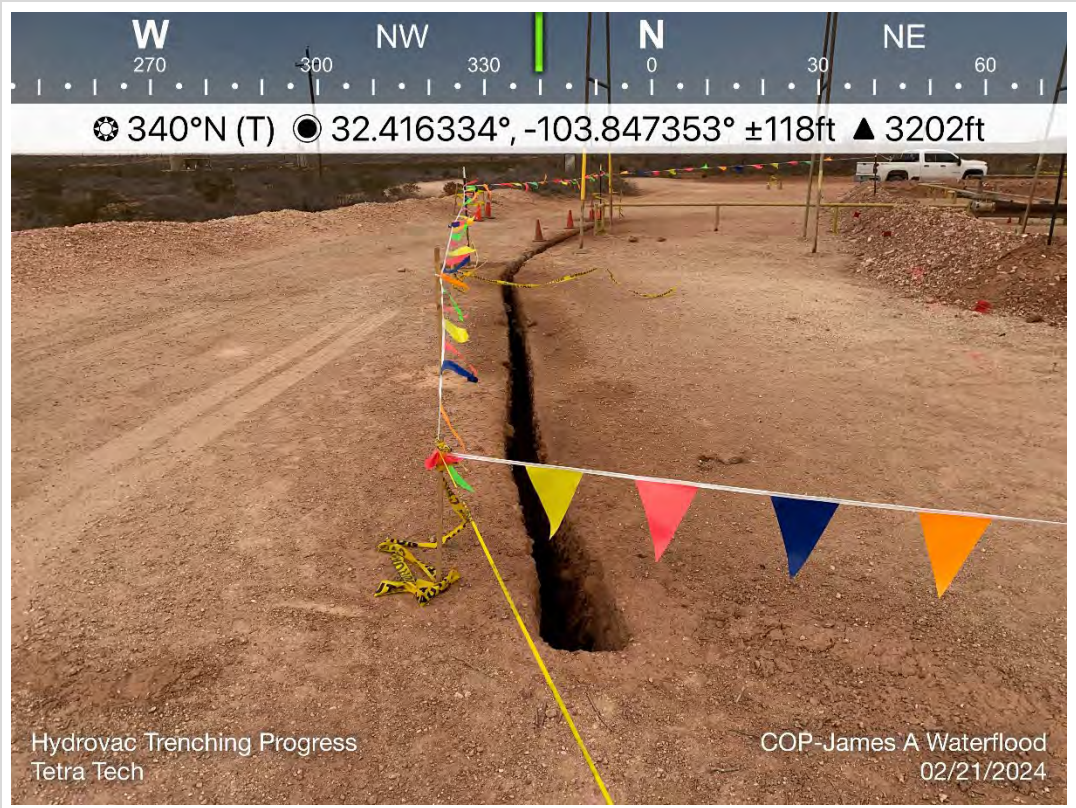


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View west. View of production equipment and electrical subsurface lines.	7
	SITE NAME	ConocoPhillips James Waterflood Releases	2/19/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View north. View of subsurface electrical lines and production equipment.	8
	SITE NAME	ConocoPhillips James Waterflood Releases	10/13/2022



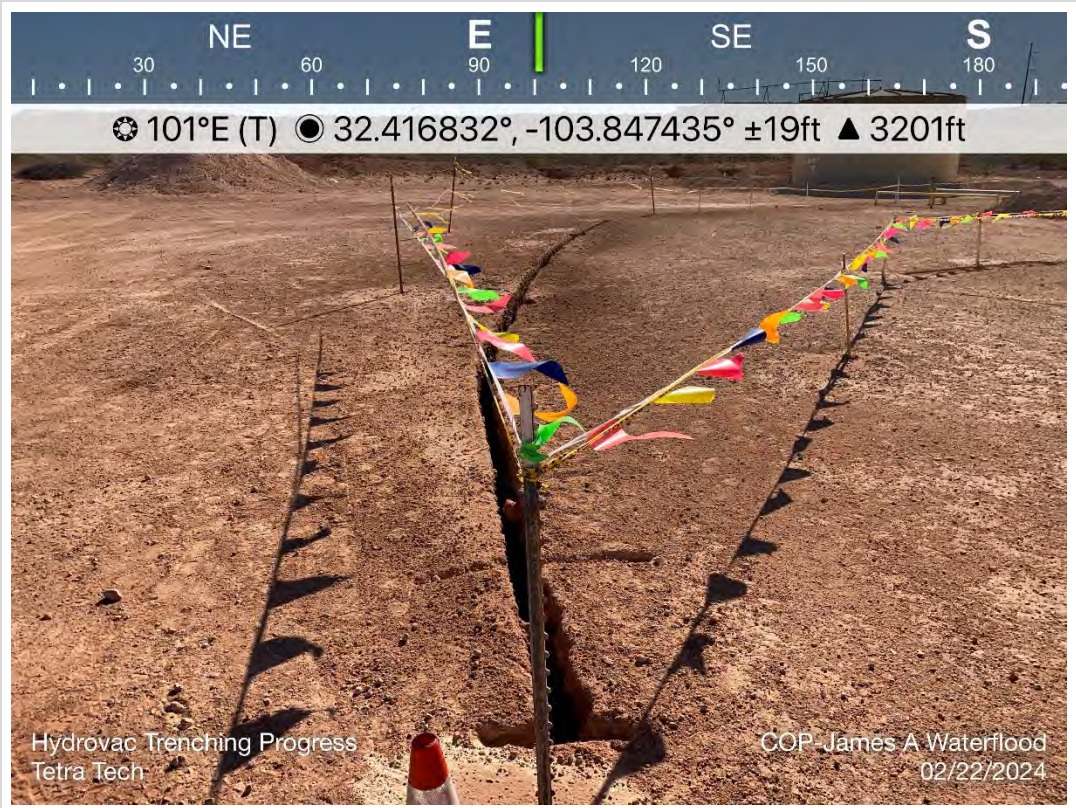


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View northwest. View of daylighted subsurface lines.	9
	SITE NAME	ConocoPhillips James Waterflood Releases	2/21/2024

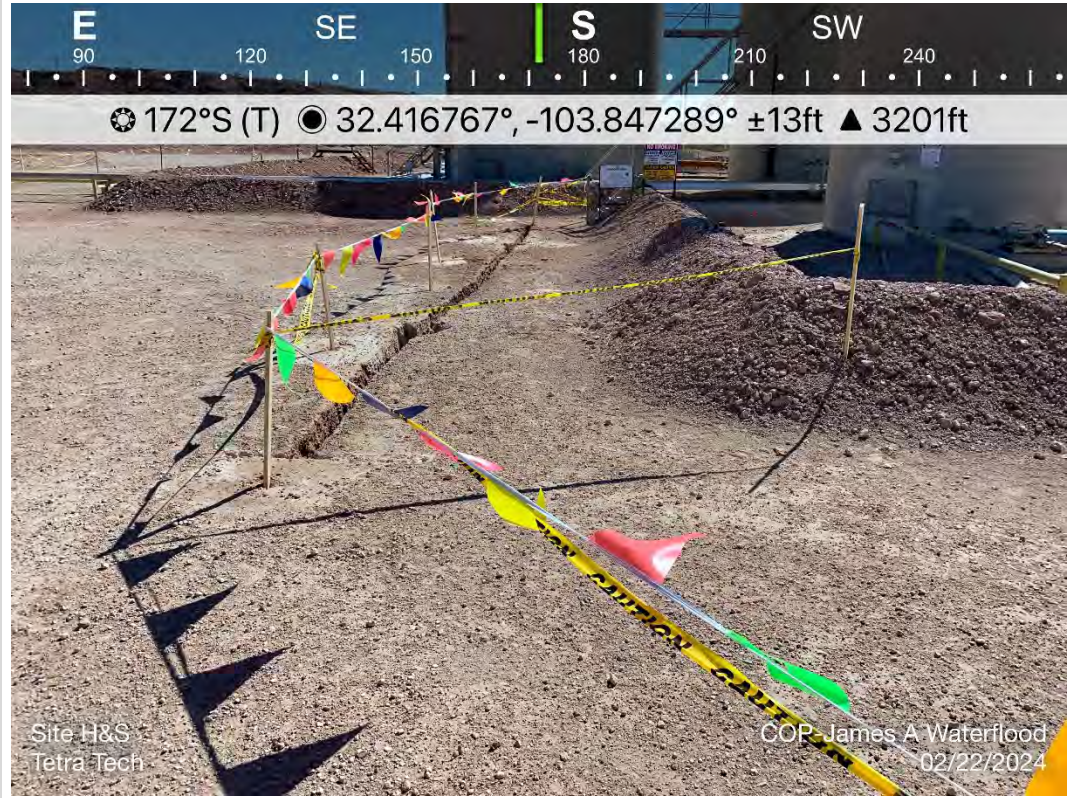


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View west. View of daylighted subsurface lines.	10
	SITE NAME	ConocoPhillips James Waterflood Releases	2/21/2024



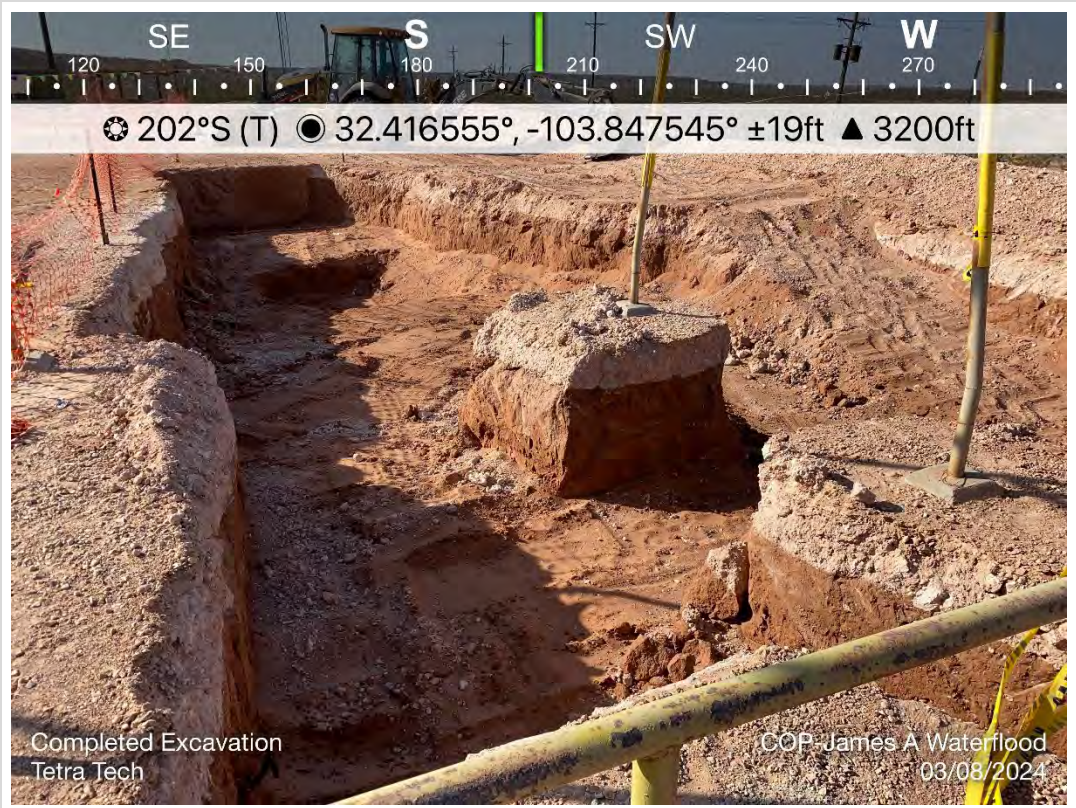


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View east. View of daylighted subsurface lines.	11
	SITE NAME	ConocoPhillips James Waterflood Releases	2/22/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View south. View of daylighted subsurface lines.	12
	SITE NAME	ConocoPhillips James Waterflood Releases	2/22/2024



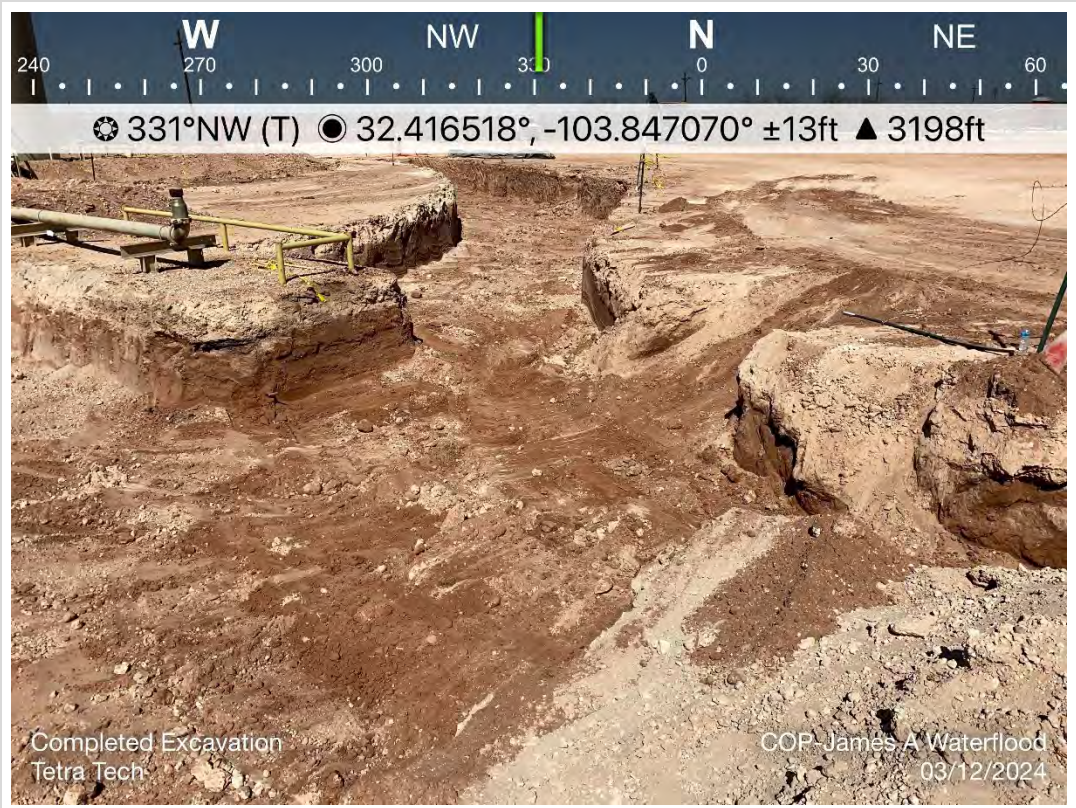


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View south. View of excavation.	13
	SITE NAME	ConocoPhillips James Waterflood Releases	3/8/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View southeast. View of excavation.	14
	SITE NAME	ConocoPhillips James Waterflood Releases	3/12/2024





TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View northwest. View of excavation.	15
	SITE NAME	ConocoPhillips James Waterflood Releases	3/12/2024

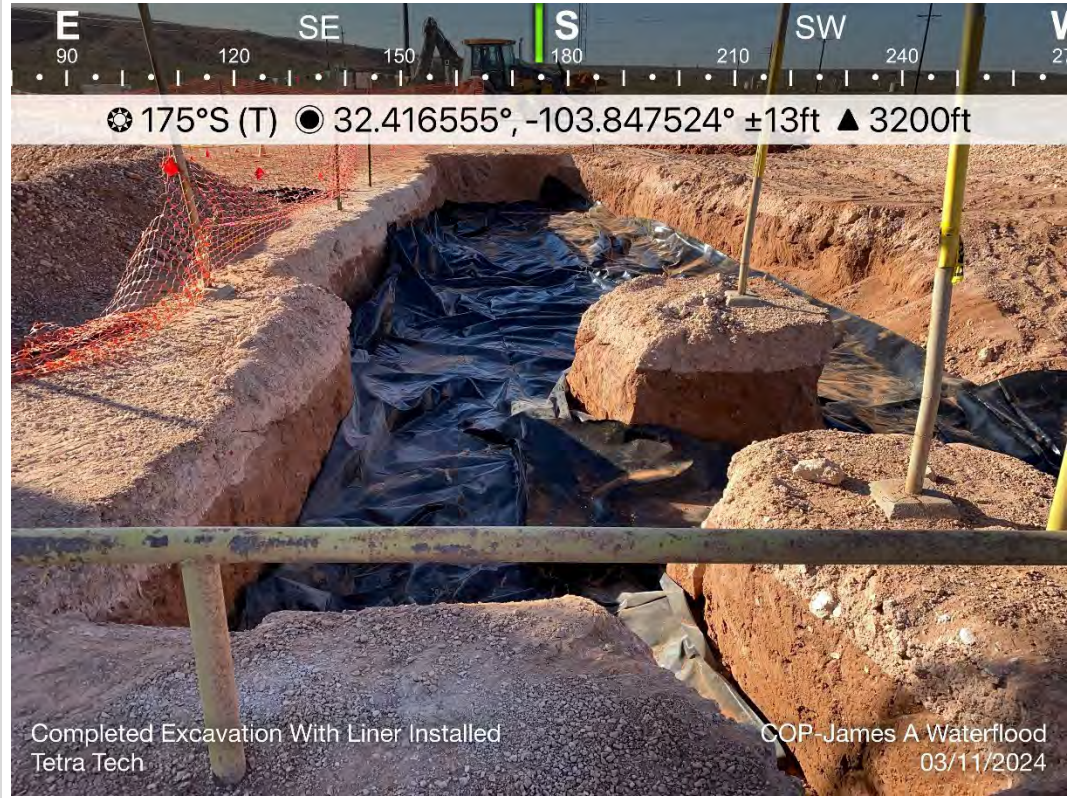


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View west. View of excavation.	16
	SITE NAME	ConocoPhillips James Waterflood Releases	3/12/2024



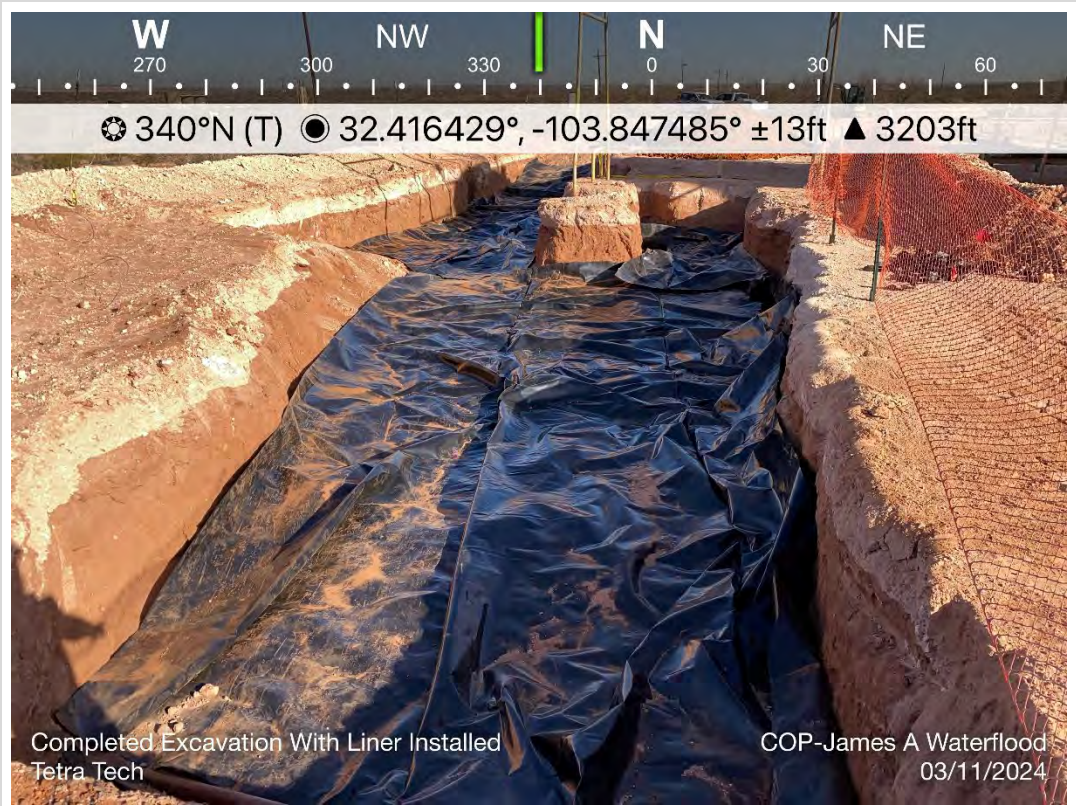


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View southwest. View of excavation with liner installed.	17
	SITE NAME	ConocoPhillips James Waterflood Releases	3/8/2024

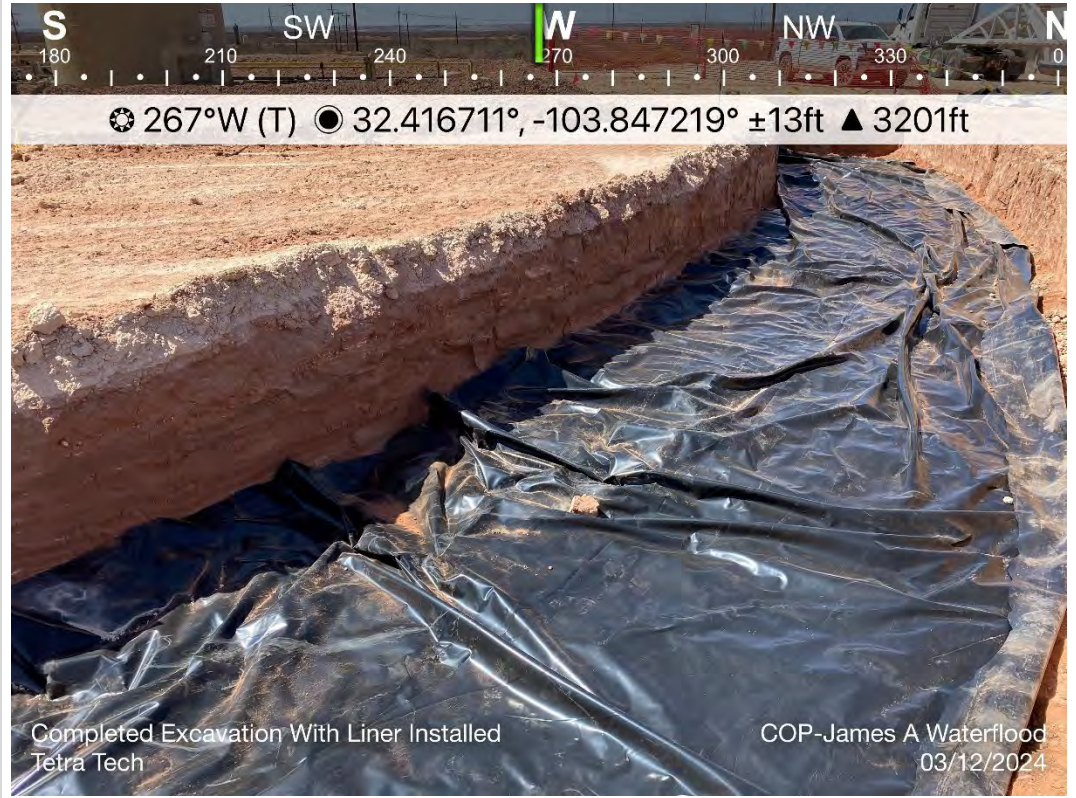


TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View south. View southwest. View of excavation with liner installed.	18
	SITE NAME	ConocoPhillips James Waterflood Releases	3/11/2024





TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View north. View southwest. View of excavation with liner installed.	19
	SITE NAME	ConocoPhillips James Waterflood Releases	3/11/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View west. View southwest. View of excavation with liner installed.	20
	SITE NAME	ConocoPhillips James Waterflood Releases	3/12/2024





TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View northwest. View of backfilled excavation area.	19
	SITE NAME	ConocoPhillips James Waterflood Releases	3/15/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View south. View northwest. View of backfilled excavation area.	20
	SITE NAME	ConocoPhillips James Waterflood Releases	3/15/2024





TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View southwest. View northwest. View of backfilled excavation area.	19
	SITE NAME	ConocoPhillips James Waterflood Releases	3/15/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02792	DESCRIPTION	View east-southeast. View of backfilled excavation area.	20
	SITE NAME	ConocoPhillips James Waterflood Releases	3/15/2024

## **APPENDIX E**

### **Waste Manifests**





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 11  
Manif. Date: 3/6/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M38  
Card #  
Job Ref #

Ticket #: 700-1537737  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

13.00 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!**

A handwritten signature in black ink, appearing to be "WJ", is written over the "THIS IS NOT AN INVOICE!" text.

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: ~~NA~~ 12  
Manif. Date: 3/6/2024  
Hauler: MCNABB PARTNERS  
Driver: SERGIO  
Truck #: A04  
Card #  
Job Ref #

Ticket #: 700-1537744  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 13  
Manif. Date: 3/6/2024  
Hauler: MCNABB PARTNERS  
Driver: SERGIO  
Truck #: MS90  
Card #  
Job Ref #

Ticket #: 700-1537746  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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

Sergio Ben Teria

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

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 14  
Manif. Date: 3/6/2024  
Hauler: AR & J TRUCKING  
Driver: EDGAR  
Truck #: 05  
Card #  
Job Ref #

Ticket #: 700-1537749  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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**

Edgar Chavira

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 15  
Manif. Date: 3/6/2024  
Hauler: AGUILAS SERVICES  
Driver: GUSTAVO  
Truck #: 7  
Card #  
Job Ref #

Ticket #: 700-1537751  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 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**

A handwritten signature in black ink, appearing to read "Gustavo Tello", written over a horizontal line.

A handwritten signature in black ink, written over a horizontal line.

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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

**R360**ENVIRONMENTAL  
SOLUTIONS

Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 16  
Manif. Date: 3/6/2024  
Hauler: MCNABB PARTNERS  
Driver: JAIME  
Truck #: 01  
Card #  
Job Ref #

Ticket #: 700-1537752  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 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: Jaime MoralesDate: 03-06-23





Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: 17  
 Manif. Date: 3/6/2024  
 Hauler: MCNABB PARTNERS  
 Driver: JOEL  
 Truck #: M38  
 Card #  
 Job Ref #

Ticket #: 700-1537776  
 Bid #: O6UJ9A000JEC  
 Date: 3/6/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 999908  
 Well Name: JAMES A  
 Well #: 12  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	13.00 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 WILDER  
AFE #:  
PO #:  
Manifest #: 18  
Manif. Date: 3/6/2024  
Hauler: PORRAZ TRUCKING  
Driver: SERGIO  
Truck #: A04  
Card #  
Job Ref #

Ticket #: 700-1537819  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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

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

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke, is written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 19  
Manif. Date: 3/6/2024  
Hauler: PORRAZ TRUCKING  
Driver: SERGIO  
Truck #: MS90  
Card #  
Job Ref #

Ticket #: 700-1537818  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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

Sergio Renteria

Customer Approval

**THIS IS NOT AN INVOICE!**

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

Date: 3.6.24



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 20  
Manif. Date: 3/6/2024  
Hauler: AREJ TRUCKING  
Driver: EDGAR  
Truck #: 05  
Card #  
Job Ref #

Ticket #: 700-1537821  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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**

A handwritten signature in black ink that reads "Edgar Chavira".

A handwritten signature in black ink, appearing to be a stylized "M" or similar.

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 21  
Manif. Date: 3/6/2024  
Hauler: AGUILAS SERVICES  
Driver: GUSTAVO  
Truck #: 7  
Card #  
Job Ref #

Ticket #: 700-1537823  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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

A handwritten signature in black ink, appearing to read "Gustav Tillo", written over a horizontal line.

A handwritten signature in black ink, consisting of a stylized, looped mark, written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 22  
Manif. Date: 3/6/2024  
Hauler: JMM SERVICES LLC  
Driver: JAIME  
Truck #: 01  
Card #  
Job Ref #

Ticket #: 700-1537824  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 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**

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

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

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 23  
Manif. Date: 3/6/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M38  
Card #  
Job Ref #

Ticket #: 700-1537839  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

13.00 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: \_\_\_\_\_





Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: COLTON BICKERSTAFF  
 AFE #:  
 PO #:  
 Manifest #: 24  
 Manif. Date: 3/6/2024  
 Hauler: MCNABB PARTNERS  
 Driver: SERGIO  
 Truck #: MS 90  
 Card #  
 Job Ref #

Ticket #: 700-1537913  
 Bid #: O6UJ9A000JEC  
 Date: 3/6/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 999908  
 Well Name: JAMES A WATER FLOOD  
 Well #:  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County

Permian Basin

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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

Sergio Renteria

Customer Approval

**THIS IS NOT AN INVOICE!**

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

Date: 3-6-24





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 25  
Manif. Date: 3/6/2024  
Hauler: AGUILAS SERVICES  
Driver: GUSTAVO  
Truck #: 7  
Card #  
Job Ref #

Ticket #: 700-1537910  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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 read "Gustavo T. 8/10", is written over a horizontal line.

A handwritten signature in black ink, appearing to be a stylized "J" or "L" followed by a flourish, is written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 26  
Manif. Date: 3/6/2024  
Hauler: AR & J TRUCKING  
Driver: EDGAR  
Truck #: 05  
Card #  
Job Ref #

Ticket #: 700-1537914  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 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**

Edgar Chavira

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: COLTON BICKERSTAFF  
 AFE #:  
 PO #:  
 Manifest #: 27  
 Manif. Date: 3/6/2024  
 Hauler: JMM SERVICES LLC  
 Driver: JAIME  
 Truck #: 01  
 Card #  
 Job Ref #

Ticket #: 700-1537912  
 Bid #: O6UJ9A000JEC  
 Date: 3/6/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 999908  
 Well Name: JAMES A WATER FLOOD  
 Well #:  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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: COLTON BICKERSTAFF  
 AFE #:  
 PO #:  
 Manifest #: 28  
 Manif. Date: 3/6/2024  
 Hauler: MCNABB PARTNERS  
 Driver: JOEL  
 Truck #: M38  
 Card #  
 Job Ref #

Ticket #: 700-1537911  
 Bid #: O6UJ9A000JEC  
 Date: 3/6/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 999908  
 Well Name: JAMES A WATER FLOOD  
 Well #:  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	13.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 29  
Manif. Date: 3/6/2024  
Hauler: TRUCKING SERVICES PORRA  
Driver: SERGIO  
Truck #: A04  
Card #  
Job Ref #

Ticket #: 700-1537917  
Bid #: O6UJ9A000JEC  
Date: 3/6/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 yards

**Generator Certification Statement of Waste Status**

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**Driver/ Agent Signature****R360 Representative Signature**

Sergio Chavira

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 30  
Manif. Date: 3/7/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M38  
Card #  
Job Ref #

Ticket #: 700-1538359  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	13.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: ~~NA~~ 31  
Manif. Date: 3/7/2024  
Hauler: PORRAZ TRUCKING  
Driver: SERGIO  
Truck #: MS90  
Card #  
Job Ref #

Ticket #: 700-1538367  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 yards

**Generator Certification Statement of Waste Status**

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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

Sergio Renteria

A handwritten signature in black ink, appearing to be a stylized 'M' or similar character, written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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

Porraz trucking



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 32  
Manif. Date: 3/7/2024  
Hauler: AR & J TRUCKING  
Driver: EDGAR  
Truck #: 05  
Card #  
Job Ref #

Ticket #: 700-1538369  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 yards

**Generator Certification Statement of Waste Status**

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☒ 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**

Edgar Chavira

A handwritten signature in black ink, appearing to be "C. Miller" or similar, written over a horizontal line.

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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

AR &amp; J trucking



**R360**ENVIRONMENTAL  
SOLUTIONS

Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: COLTON BICKERSTAFF  
 AFE #:  
 PO #:  
 Manifest #: 33  
 Manif. Date: 3/7/2024  
 Hauler: TRUCKING SERVICES PORRA  
 Driver: SERGIO  
 Truck #: A04  
 Card #  
 Job Ref #

Ticket #: 700-1538368  
 Bid #: O6UJ9A000JEC  
 Date: 3/7/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 999908  
 Well Name: JAMES A WATER FLOOD  
 Well #:  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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

Sergio



Customer Approval

**THIS IS NOT AN INVOICE!**

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

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

Porras trucking





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 34  
Manif. Date: 3/7/2024  
Hauler: AGUILAS SERVICES  
Driver: GUSTAVO  
Truck #: 7  
Card #  
Job Ref #

Ticket #: 700-1538373  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 yards

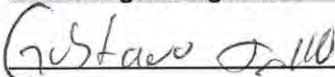
**Generator Certification Statement of Waste Status**

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

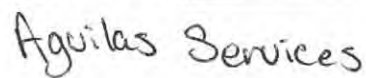
A handwritten signature in black ink, appearing to read "Gustavo", followed by a horizontal line.A handwritten signature in black ink, consisting of stylized initials, followed by a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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

A handwritten signature in black ink, appearing to read "Aguila Services", followed by a horizontal line.



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 35  
Manif. Date: 3/7/2024  
Hauler: JMM SERVICES LLC  
Driver: JAIME  
Truck #: 01  
Card #  
Job Ref #

Ticket #: 700-1538375  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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: \_\_\_\_\_

JMM Services LLC

Jaime





(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

**GENERATOR**

NO. HW- 676827

Generator Manifest # \_\_\_\_\_  
Generator Name Conoco  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Location of Origin  
Lease/Well Name & No. Tracer A 412  
County \_\_\_\_\_  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&amp;P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

**TRANSPORTER**

Transporter's Name Ph 7 Trucking Service  
Address Torrance  
Phone No. \_\_\_\_\_  
Transporter Ticket # \_\_\_\_\_

Driver's Name Argio  
Print Name \_\_\_\_\_  
Phone No. \_\_\_\_\_  
Truck No. Ac 1

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

**TRUCK TIME STAMP**

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

**DISPOSAL FACILITY****RECEIVING AREA**Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006  
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading &gt; 50 micro roentgens? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 37  
Manif. Date: 3/7/2024  
Hauler: AR & J TRUCKING  
Driver: EDGAR  
Truck #: 05  
Card #  
Job Ref #

Ticket #: 700-1538463  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 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**

Edgar Chavira

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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





(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

**GENERATOR**

NO. HW- 676829

Generator Manifest # \_\_\_\_\_

Generator Name CC NOCO

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone No. \_\_\_\_\_

Location of Origin \_\_\_\_\_

Lease/Well \_\_\_\_\_

Name & No. Times A C12

County \_\_\_\_\_

API No. \_\_\_\_\_

Rig Name &amp; No. \_\_\_\_\_

AFE/PO No. \_\_\_\_\_

**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		
E&P Contaminated Soil	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
Gas Plant Waste	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&amp;P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

**TRANSPORTER**Transporter's Name Agustus Services LLC

Address \_\_\_\_\_

Phone No. \_\_\_\_\_

Transporter Ticket # \_\_\_\_\_

Driver's Name Agustus Ortiz

Print Name \_\_\_\_\_

Phone No. \_\_\_\_\_

Truck No. 7

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

**TRUCK TIME STAMP**

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

**DISPOSAL FACILITY****RECEIVING AREA**Name/No. 296Site Name/ Halfway Facility / NM1-006

Permit No. \_\_\_\_\_

Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading &gt; 50 micro roentgens? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

**TANK BOTTOMS**

Feet

Inches

1st Gauge	
2nd Gauge	
Received	

BS&W/BLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?





(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

**GENERATOR**NO. **HW- 676836**

Generator Manifest # \_\_\_\_\_

Generator Name CONOCO

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone No. \_\_\_\_\_

Location of Origin \_\_\_\_\_

Lease/Well \_\_\_\_\_

Name & No. JAMES H 112

County \_\_\_\_\_

API No. \_\_\_\_\_

Rig Name &amp; No. \_\_\_\_\_

AFE/PO No. \_\_\_\_\_

**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____
Waste Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	✓	Truck Washout (exempt waste)	YES NO QUANTITY TOP SOIL CALICHE
Gas Plant Waste	_____		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&amp;P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

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(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

**TRANSPORTER**Transporter's Name Imma Services LLC

Address \_\_\_\_\_

Phone No. \_\_\_\_\_

Transporter Ticket # \_\_\_\_\_

Driver's Name James Morales

Print Name \_\_\_\_\_

Phone No. \_\_\_\_\_

Truck No. 201

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

**TRUCK TIME STAMP**

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

**DISPOSAL FACILITY****RECEIVING AREA**Name/No. 28Site Name/  
Permit No.**Halfway Facility / NM1-006**Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**Phone No. **575-887-6504**NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading &gt; 50 micro roentgens? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

**TANK BOTTOMS**

Feet

Inches

1st Gauge	_____
2nd Gauge	_____
Received	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 40  
Manif. Date: 3/7/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M38  
Card #  
Job Ref #

Ticket #: 700-1538490  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service							Quantity Units			
Contaminated Soil (RCRA Exempt)							13.00 yards			
	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			1.00		

**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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 41  
Manif. Date: 3/7/2024  
Hauler: TRUCKING SERVICES PORRA  
Driver: SERGIO  
Truck #: MS90  
Card #  
Job Ref #

Ticket #: 700-1538489  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 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**

Handwritten signature of Sergio Renteria in black ink.

Handwritten signature of an R360 representative in black ink.

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 42  
Manif. Date: 3/7/2024  
Hauler: TRUCKING SERVICES PORRA  
Driver: SERGIO  
Truck #: A04  
Card #  
Job Ref #

Ticket #: 700-1538539  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 43  
Manif. Date: 3/7/2024  
Hauler: AGUILAS SERVICES  
Driver: GUSTAVO  
Truck #: 7  
Card #  
Job Ref #

Ticket #: 700-1538548  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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: COLTON BICKERSTAFF  
 AFE #:  
 PO #:  
 Manifest #: 44  
 Manif. Date: 3/7/2024  
 Hauler: JMM SERVICES LLC  
 Driver: JAIME  
 Truck #: 01  
 Card #  
 Job Ref #

Ticket #: 700-1538551  
 Bid #: O6UJ9A000JEC  
 Date: 3/7/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 999908  
 Well Name: JAMES A  
 Well #: 12  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 45  
Manif. Date: 3/7/2024  
Hauler: AR & J TRUCKING  
Driver: EDGAR  
Truck #: 05  
Card #  
Job Ref #

Ticket #: 700-1538550  
Bid #: O6UJ9A000JEC  
Date: 3/7/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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 #: 46  
Manif. Date: 3/8/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M 38  
Card #  
Job Ref #

Ticket #: 700-1538787  
Bid #: O6UJ9A000JEC  
Date: 3/8/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

13.00 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 #: 47  
Manif. Date: 3/8/2024  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M87  
Card #  
Job Ref #

Ticket #: 700-1538793  
Bid #: O6UJ9A000JEC  
Date: 3/8/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

☒ 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 #: 48  
Manif. Date: 3/8/2024  
Hauler: MCNABB PARTNERS  
Driver: MANUEL  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1538798  
Bid #: O6UJ9A000JEC  
Date: 3/8/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

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 #: 49  
Manif. Date: 3/8/2024  
Hauler: MCNABB PARTNERS  
Driver: ANDREW  
Truck #: M32  
Card #  
Job Ref #

Ticket #: 700-1538799  
Bid #: O6UJ9A000JEC  
Date: 3/8/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

**Generator Certification Statement of Waste Status**

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

☒ 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: 3/8/2024  
Hauler: PORRAZ TRUCKING  
Driver: SERGIO  
Truck #: M90  
Card #  
Job Ref #

Ticket #: 700-1538800  
Bid #: O6UJ9A000JEC  
Date: 3/8/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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

Sergio Renteria

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

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 51  
Manif. Date: 3/8/2024  
Hauler: AR & J TRUCKING  
Driver: EDGAR  
Truck #: 05  
Card #  
Job Ref #

Ticket #: 700-1538802  
Bid #: O6UJ9A000JEC  
Date: 3/8/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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

Edgar Chavez

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

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SIM WIDMER  
AFE #:  
PO #:  
Manifest #: 52  
Manif. Date: 3/8/2024  
Hauler: PORRAZ TRUCKING  
Driver: SERGIO  
Truck #: A04  
Card #  
Job Ref #

Ticket #: 700-1538801  
Bid #: O6UJ9A000JEC  
Date: 3/8/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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 #: 53  
Manif. Date: 3/11/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M38  
Card #  
Job Ref #

Ticket #: 700-1539675  
Bid #: O6UJ9A000JEC  
Date: 3/11/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

13.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 54  
Manif. Date: 3/11/2024  
Hauler: MCNABB PARTNERS  
Driver: GUMER  
Truck #: M90  
Card #  
Job Ref #

Ticket #: 700-1539677  
Bid #: O6UJ9A000JEC  
Date: 3/11/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

☒ 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 blue ink, appearing to read "Gumer Rdz", written over a horizontal line.

A handwritten signature in blue ink, appearing to be a stylized "J" or "K", 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 #: 55  
Manif. Date: 3/11/2024  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck #: M36  
Card #  
Job Ref #

Ticket #: 700-1539682  
Bid #: O6UJ9A000JEC  
Date: 3/11/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Permian Basin

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

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☐ 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 #: 56  
Manif. Date: 3/11/2024  
Hauler: MCNABB PARTNERS  
Driver: ANDREW  
Truck #: M32  
Card #  
Job Ref #

Ticket #: 700-1539687  
Bid #: O6UJ9A000JEC  
Date: 3/11/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

**Generator Certification Statement of Waste Status**

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

- ☒ 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 #: 57  
Manif. Date: 3/11/2024  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1539689  
Bid #: O6UJ9A000JEC  
Date: 3/11/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

☒ 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 #: 58  
Manifest Date: 3/11/2024  
Hauler: PORRAZ TRUCKING  
Driver: SERGIO  
Truck #: MS90  
Card #  
Job Ref #

Ticket #: 700-1539691  
Bid #: O6UJ9A000JEC  
Date: 3/11/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

10.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: NA  
Manif. Date: 3/11/2024  
Hauler: AR & J TRUCKING  
Driver: EDGAR  
Truck #: 05  
Card #  
Job Ref #

Ticket #: 700-1539710  
Bid #: O6UJ9A000JEC  
Date: 3/11/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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

Edgar Chavira

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

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 60  
Manif. Date: 3/11/2024  
Hauler: STG TRUCKING  
Driver: EDUARDO  
Truck #: 22  
Card #  
Job Ref #

Ticket #: 700-1539698  
Bid #: O6UJ9A000JEC  
Date: 3/11/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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**

A handwritten signature in black ink, appearing to read "Eduardo Salazar", written over a horizontal line.

A handwritten signature in black ink, appearing to be a stylized "V" or similar, 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 #: 61  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M87  
Card #  
Job Ref #

Ticket #: 700-1540146  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

☒ 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: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 62  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1540157  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

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☐ 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: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 63  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck #: M36  
Card #  
Job Ref #

Ticket #: 700-1540159  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

**Generator Certification Statement of Waste Status**

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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: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 64  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: ANDREW  
Truck #: M32  
Card #  
Job Ref #

Ticket #: 700-1540161  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

## Generator Certification Statement of Waste Status

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

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

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 65  
Manifest Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: GUMER  
Truck #: M90  
Card #  
Job Ref #

Ticket #: 700-1540174  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

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☐ 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: COLTEN BICEKRSTAFF  
AFE #:  
PO #:  
Manifest #: 66  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JENNY  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1540175  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

13.00 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: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 67  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M38  
Card #  
Job Ref #

Ticket #: 700-1540179  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

13.00 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 #: 68  
Manifest Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M87  
Card #  
Job Ref #

Ticket #: 700-1540205  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

## Generator Certification Statement of Waste Status

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

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Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 69  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1540207  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

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**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 #: 70  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck #: M36  
Card #  
Job Ref #

Ticket #: 700-1540209  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

**Generator Certification Statement of Waste Status**

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

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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

**R360**ENVIRONMENTAL  
SOLUTIONS

Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 71  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: ANDREW  
Truck #: M32  
Card #  
Job Ref #

Ticket #: 700-1540214  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

## Generator Certification Statement of Waste Status

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

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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 #: 72  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: GUMER  
Truck #: M90  
Card #  
Job Ref #

Ticket #: 700-1540225  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

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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 #: 73  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JEWEL  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1540226  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

13.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 74  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M38  
Card #  
Job Ref #

Ticket #: 700-1540230  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

13.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 75  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M87  
Card #  
Job Ref #

Ticket #: 700-1540265  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

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☐ 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: COLTEN BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 76  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1540269  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

☒ 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 WIDEMER  
AFE #:  
PO #:  
Manifest #: 77  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck #: M36  
Card #  
Job Ref #

Ticket #: 700-1540272  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

**Generator Certification Statement of Waste Status**

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

☒ 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 78  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: ANDREW  
Truck #: M32  
Card #  
Job Ref #

Ticket #: 700-1540273  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

16.00 yards

**Generator Certification Statement of Waste Status**

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

☒ 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 blue ink, appearing to read "John Rishel", is written over a horizontal line.

A handwritten signature in blue ink, appearing to be a stylized "J" or "L", is written over a horizontal line.

**Customer Approval****THIS IS NOT AN INVOICE!**

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 79  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: GUMER  
Truck #: M90  
Card #  
Job Ref #

Ticket #: 700-1540293  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

☒ 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 #: 80  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JENEY  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1540294  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

13.00 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 WIDEMER  
AFE #:  
PO #:  
Manifest #: 81  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M38  
Card #  
Job Ref #

Ticket #: 700-1540302  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

13.00 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 #: 82  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1540333  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

- ☒ 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 83  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck #: M36  
Card #  
Job Ref #

Ticket #: 700-1540334  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

## Generator Certification Statement of Waste Status

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

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☐ 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 84  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: ANDREW  
Truck #: M32  
Card #  
Job Ref #

Ticket #: 700-1540336  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

## Generator Certification Statement of Waste Status

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

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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 #: 85  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M87  
Card #  
Job Ref #

Ticket #: 700-1540339  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

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☐ 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 86  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: GUMER  
Truck #: M90  
Card #  
Job Ref #

Ticket #: 700-1540367  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

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

Driver/ Agent Signature

R360 Representative Signature

A handwritten signature in blue ink, appearing to read "Gumer Rdz", written over a horizontal line.

A handwritten signature in black ink, written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 87  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JENEY  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1540369  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	13.00 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**Approved By: Date: **THIS IS NOT AN INVOICE!**





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 88  
Manif. Date: 3/12/2024  
Hauler: MCNABB PARTNERS  
Driver: JOEL  
Truck #: M38  
Card #  
Job Ref #

Ticket #: 700-1540377  
Bid #: O6UJ9A000JEC  
Date: 3/12/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

13.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 89  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: ANDREW  
Truck #: M32  
Card #  
Job Ref #

Ticket #: 700-1540619  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

☒ 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 read "C. Richards", written over a horizontal line.

A handwritten signature in black ink, written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 90  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1540625  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A  
Well #: 12  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

☒ 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 91  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M87  
Card #  
Job Ref #

Ticket #: 700-1540631  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

☒ 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: COLTON BICKERSTAFF  
 AFE #:  
 PO #:  
 Manifest #: 92  
 Manif. Date: 3/13/2024  
 Hauler: MCNABB PARTNERS  
 Driver: GUMER  
 Truck #: M90  
 Card #  
 Job Ref #

Ticket #: 700-1540635  
 Bid #: O6UJ9A000JEC  
 Date: 3/13/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 999908  
 Well Name: JAMES A  
 Well #: 12  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

☒ 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 93  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: JENEY  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1540634  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	13.00 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**

A handwritten signature in blue ink, appearing to read "J. Ensey", is written over a horizontal line.

A handwritten signature in blue ink, appearing to be a stylized "L" or "G" followed by "M", is written over a horizontal line.

**Customer Approval****THIS IS NOT AN INVOICE!**

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

Date: 03/13/24





Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: COLTON BICKERSTAFF  
 AFE #:  
 PO #:  
 Manifest #: 94  
 Manif. Date: 3/13/2024  
 Hauler: MCNABB PARTNERS  
 Driver: LOEL  
 Truck #: M38  
 Card #  
 Job Ref #

Ticket #: 700-1540704  
 Bid #: O6UJ9A000JEC  
 Date: 3/13/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 999908  
 Well Name: JAMES A WATER FLOOD  
 Well #:  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

13.00 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 95  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck #: M36  
Card #  
Job Ref #

Ticket #: 700-1540705  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

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☐ 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 #: 96  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: ANDREW  
Truck #: M32  
Card #  
Job Ref #

Ticket #: 700-1540738  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

☒ 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: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 97  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1540755  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

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☐ 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 #: 98  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: JOSH  
Truck #: M87  
Card #  
Job Ref #

Ticket #: 700-1540759  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

☒ 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 #: 99  
Manifest Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: GUMER  
Truck #: M90  
Card #  
Job Ref #

Ticket #: 700-1540770  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

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

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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



**R360**ENVIRONMENTAL  
SOLUTIONS

Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 100  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: JENEY  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1540771  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

## Product / Service

## Quantity Units

Contaminated Soil (RCRA Exempt)

13.00 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: 03/13/24



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: COLTON BICKERSTAFF  
 AFE #:  
 PO #:  
 Manifest #: 101  
 Manif. Date: 3/13/2024  
 Hauler: MCNABB PARTNERS  
 Driver: JOEL  
 Truck #: M38  
 Card #  
 Job Ref #

Ticket #: 700-1540787  
 Bid #: O6UJ9A000JEC  
 Date: 3/13/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 999908  
 Well Name: JAMES A  
 Well #: 12  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

13.00 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 #: 102  
Manif. Date: 3/13/2024  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck #: M36  
Card #  
Job Ref #

Ticket #: 700-1540788  
Bid #: O6UJ9A000JEC  
Date: 3/13/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

**Generator Certification Statement of Waste Status**

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

- ☒ 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 #: 103  
Manif. Date: 3/14/2024  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1541065  
Bid #: O6UJ9A000JEC  
Date: 3/14/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

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☐ 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 #: 104  
Manif. Date: 3/14/2024  
Hauler: MCNABB PARTNERS  
Driver: GUMER  
Truck #: M90  
Card #  
Job Ref #

Ticket #: 700-1541072  
Bid #: O6UJ9A000JEC  
Date: 3/14/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

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

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☐ 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 blue ink, appearing to read "Gumer Rdz", is written over a horizontal line.

A handwritten signature in blue ink, consisting of stylized initials, is written over a horizontal line.

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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



Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: COLTON BICKERSTAFF  
AFE #:  
PO #:  
Manifest #: 105  
Manif. Date: 3/14/2024  
Hauler: MCNABB PARTNERS  
Driver: JENEY  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1541073  
Bid #: O6UJ9A000JEC  
Date: 3/14/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

**Product / Service****Quantity Units**

Contaminated Soil (RCRA Exempt)

13.00 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: JENEYDate: 03/14/24





Permian Basin

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: 106  
Manif. Date: 3/14/2024  
Hauler: MCNABB PARTNERS  
Driver: ANDREW  
Truck #: M32  
Card #  
Job Ref #

Ticket #: 700-1541077  
Bid #: O6UJ9A000JEC  
Date: 3/14/2024  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 999908  
Well Name: JAMES A WATER FLOOD  
Well #:  
Field:  
Field #:  
Rig: NON-DRILLING  
County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

**Generator Certification Statement of Waste Status**

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

- ☒ 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**

# **Analytical Laboratory Report**





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

---

March 07, 2024

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES A WATERFLOOD RELEASES

Enclosed are the results of analyses for samples received by the laboratory on 03/06/24 15:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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".

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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 1 (H241126-01)**

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	03/06/2024	ND	2.20	110	2.00	1.53	
Toluene*	<0.050	0.050	03/06/2024	ND	2.18	109	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.11	106	2.00	1.79	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.14	102	6.00	1.70	
Total BTX	<0.300	0.300	03/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	03/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	16.4	10.0	03/06/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

Cardinal Laboratories

\*=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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 2 (H241126-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.20	110	2.00	1.53		
Toluene*	<0.050	0.050	03/06/2024	ND	2.18	109	2.00	1.67		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.11	106	2.00	1.79		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.14	102	6.00	1.70		
Total BTEx	<0.300	0.300	03/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	03/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 3 (H241126-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.20	110	2.00	1.53		
Toluene*	<0.050	0.050	03/06/2024	ND	2.18	109	2.00	1.67		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.11	106	2.00	1.79		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.14	102	6.00	1.70		
Total BTEX	<0.300	0.300	03/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	03/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 4 (H241126-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1490	16.0	03/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/06/2024	ND	185	92.4	200	7.31		
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	178	89.0	200	8.92		
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND						

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 11 (H241126-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	03/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 12 (H241126-06)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	03/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 13 (H241126-07)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEx	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	03/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 14 (H241126-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	03/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 15 (H241126-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	03/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 16 (H241126-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEx	<0.300	0.300	03/06/2024	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	208	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 17 (H241126-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 18 (H241126-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 19 (H241126-13)**

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	03/06/2024	ND	2.23	112	2.00	1.65	
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18	
Total BTEX	<0.300	0.300	03/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31		
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92		
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND						

Surrogate: 1-Chlorooctane 90.3 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 20 (H241126-14)**

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	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1540	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 21 (H241126-15)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65	
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18	
Total BTEX	<0.300	0.300	03/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 22 (H241126-16)**

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	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31		
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92		
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND						

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 23 (H241126-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEx	<0.300	0.300	03/06/2024	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	960	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 24 (H241126-18)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: FS - 25 (H241126-19)**

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	03/06/2024	ND	2.23	112	2.00	1.65	
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18	
Total BTX	<0.300	0.300	03/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: NSW - 5 (H241126-20)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65		
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18		
Total BTEx	<0.300	0.300	03/06/2024	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	288	16.0	03/07/2024	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	03/07/2024	ND	185	92.4	200	7.31	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	178	89.0	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: ESW - 1 (H241126-21)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65	
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18	
Total BTEX	<0.300	0.300	03/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/07/2024	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	03/06/2024	ND	204	102	200	4.51	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	194	96.9	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: ESW - 2 (H241126-22)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2024	ND	2.23	112	2.00	1.65	
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18	
Total BTEX	<0.300	0.300	03/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/07/2024	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	03/06/2024	ND	204	102	200	4.51	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	194	96.9	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: ESW - 5 (H241126-23)**

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	03/06/2024	ND	2.23	112	2.00	1.65	
Toluene*	<0.050	0.050	03/06/2024	ND	2.22	111	2.00	1.46	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.48	108	6.00	1.18	
Total BTX	<0.300	0.300	03/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/07/2024	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	03/06/2024	ND	204	102	200	4.51	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	194	96.9	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: WSW - 3 (H241126-24)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	1.81	90.4	2.00	5.35		
Toluene*	<0.050	0.050	03/06/2024	ND	1.90	95.0	2.00	5.29		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	1.87	93.4	2.00	4.92		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.80	96.7	6.00	4.25		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/07/2024	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	03/06/2024	ND	204	102	200	4.51	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	194	96.9	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 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:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: WSW - 5 (H241126-25)**

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	03/06/2024	ND	1.81	90.4	2.00	5.35	
Toluene*	<0.050	0.050	03/06/2024	ND	1.90	95.0	2.00	5.29	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	1.87	93.4	2.00	4.92	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.80	96.7	6.00	4.25	
Total BTEX	<0.300	0.300	03/06/2024	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	96.0	16.0	03/07/2024	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	03/06/2024	ND	204	102	200	4.51	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	194	96.9	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/06/2024	Sampling Date:	03/06/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO, NM		

**Sample ID: WSW - 6 (H241126-26)**

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	03/06/2024	ND	1.81	90.4	2.00	5.35		
Toluene*	<0.050	0.050	03/06/2024	ND	1.90	95.0	2.00	5.29		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	1.87	93.4	2.00	4.92		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.80	96.7	6.00	4.25		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/07/2024	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	03/06/2024	ND	204	102	200	4.51	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	194	96.9	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 60.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

---

Celey D. Keene, Lab Director/Quality Manager



# BILL TO

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



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



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

---

March 08, 2024

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES A WATERFLOOD RELEASES

Enclosed are the results of analyses for samples received by the laboratory on 03/07/24 15:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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".

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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: FS - 5 (H241169-01)**

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	03/07/2024	ND	1.93	96.4	2.00	1.53	
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946	
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372	
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533	
Total BTX	<0.300	0.300	03/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	03/08/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2024	ND	191	95.7	200	9.19	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	197	98.4	200	7.72	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 59.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.0 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: FS - 6 (H241169-02)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53	
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946	
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372	
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533	
Total BTEX	<0.300	0.300	03/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/07/2024	ND	191	95.7	200	9.19		
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	197	98.4	200	7.72		
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND						

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: NSW - 1 (H241169-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53		
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533		
Total BTEX	<0.300	0.300	03/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2024	ND	191	95.7	200	9.19	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	197	98.4	200	7.72	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: NSW - 2 (H241169-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53		
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533		
Total BTEX	<0.300	0.300	03/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2024	ND	191	95.7	200	9.19	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	197	98.4	200	7.72	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.5 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: NSW - 3 (H241169-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53		
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533		
Total BTEx	<0.300	0.300	03/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: NSW - 4 (H241169-06)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53		
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533		
Total BTEX	<0.300	0.300	03/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: NSW - 6 (H241169-07)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53		
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533		
Total BTEX	<0.300	0.300	03/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: SSW - 1 (H241169-08)**

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	03/07/2024	ND	1.93	96.4	2.00	1.53	
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946	
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372	
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533	
Total BTX	<0.300	0.300	03/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	03/08/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: SSW - 2 (H241169-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53		
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533		
Total BTEX	<0.300	0.300	03/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/07/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/07/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: SSW - 3 (H241169-10)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53	
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946	
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372	
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533	
Total BTEX	<0.300	0.300	03/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: SSW - 4 (H241169-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53		
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533		
Total BTEX	<0.300	0.300	03/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/08/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.6 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: ESW - 3 (H241169-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2024	ND	1.93	96.4	2.00	1.53		
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533		
Total BTEX	<0.300	0.300	03/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: ESW - 4 (H241169-13)**

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	03/07/2024	ND	1.93	96.4	2.00	1.53		
Toluene*	<0.050	0.050	03/07/2024	ND	2.01	101	2.00	0.946		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	1.93	96.7	2.00	0.372		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	5.96	99.3	6.00	0.533		
Total BTEX	<0.300	0.300	03/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: WSW - 1 (H241169-14)**

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	03/07/2024	ND	2.14	107	2.00	0.889		
Toluene*	<0.050	0.050	03/07/2024	ND	2.13	107	2.00	1.03		
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	2.07	104	2.00	0.868		
Total Xylenes*	<0.150	0.150	03/07/2024	ND	6.24	104	6.00	1.16		
Total BTEX	<0.300	0.300	03/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: WSW - 2 (H241169-15)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2024	ND	2.05	103	2.00	1.18	
Toluene*	<0.050	0.050	03/07/2024	ND	2.10	105	2.00	2.69	
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	2.21	110	2.00	2.53	
Total Xylenes*	<0.150	0.150	03/07/2024	ND	6.58	110	6.00	2.17	
Total BTEx	<0.300	0.300	03/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

Cardinal Laboratories

\*=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:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/08/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: WSW - 4 (H241169-16)**

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	03/07/2024	ND	2.05	103	2.00	1.18	
Toluene*	<0.050	0.050	03/07/2024	ND	2.10	105	2.00	2.69	
Ethylbenzene*	<0.050	0.050	03/07/2024	ND	2.21	110	2.00	2.53	
Total Xylenes*	<0.150	0.150	03/07/2024	ND	6.58	110	6.00	2.17	
Total BTEx	<0.300	0.300	03/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/08/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2024	ND	199	99.7	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/08/2024	ND	200	100	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	03/08/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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### 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

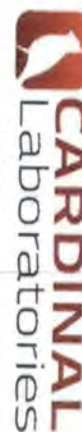
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Tetra Tech <b>Project Manager:</b> Ryan Dickerson <b>Address:</b> 8917 Capital of Texas Hwy, Suite 2310 <b>City:</b> Austin <b>State:</b> TX <b>Zip:</b> <b>Phone #:</b> (512)565-0190 <b>Fax #:</b> <b>Project #:</b> 212C-MD-02792 <b>Project Owner:</b> ConocoPhillips <b>Project Name:</b> James A Waterford Releases <b>Project Location:</b> Eddy County, New Mexico <b>Sampler Name:</b> Colton Bickersstaff <b>Lab I.D.:</b>				<b>P.O. #:</b> <b>Company:</b> Tetra Tech <b>Attn:</b> Ryan Dickerson <b>Address:</b> EMAIL <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																																																																																																																																																																																			
<p style="font-size: small;">P.O. and/or E-mail address must be included on all correspondence. All correspondence must be addressed to the attention of the person listed on the label for the sample. All correspondence must be addressed to the attention of the person listed on the label for the sample. All correspondence must be addressed to the attention of the person listed on the label for the sample.</p>																																																																																																																																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sample ID</th> <th rowspan="2">Sample Name</th> <th rowspan="2">Sample Type</th> <th rowspan="2">Sample Location</th> <th rowspan="2">Sample Date</th> <th rowspan="2">Sample Time</th> <th colspan="4">Matrix</th> <th rowspan="2">Preserv.</th> <th rowspan="2">Sampling</th> <th rowspan="2">TPH 8015M</th> <th rowspan="2">BTEX 8021B</th> <th rowspan="2">Chloride SM4500Cl-B</th> </tr> <tr> <th>GROUNDWATER</th> <th>WASTEWATER</th> <th>SOIL</th> <th>OIL</th> <th>SLUDGE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PS-5</td> <td>(G)RAB OR (C)OMP.</td> <td># CONTAINERS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>PS-6</td> <td>G 1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>NSW-1</td> <td>G 1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>NSW-2</td> <td>G 1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>NSW-3</td> <td>G 1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>NSW-4</td> <td>G 1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>NSW-6</td> <td>G 1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>SSW-1</td> <td>G 1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td>SSW-2</td> <td>G 1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>SSW-3</td> <td>G 1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Sample Name	Sample Type	Sample Location	Sample Date	Sample Time	Matrix				Preserv.	Sampling	TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	1	PS-5	(G)RAB OR (C)OMP.	# CONTAINERS													2	PS-6	G 1	X													3	NSW-1	G 1	X													4	NSW-2	G 1	X													5	NSW-3	G 1	X													6	NSW-4	G 1	X													7	NSW-6	G 1	X													8	SSW-1	G 1	X													9	SSW-2	G 1	X													10	SSW-3	G 1	X												
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<b>Relinquished By:</b> Colton Bickersstaff <b>Date:</b> 3/7/2024 <b>Time:</b> 15:54 <b>Received By:</b> Ryan Dickerson <b>Date:</b> <b>Time:</b>												<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>All Results are emailed. Please provide Email address:</b> Ryan.Dickerson@tetratech.com																																																																																																																																																																																			
<b>Relinquished By:</b> <b>Date:</b> <b>Time:</b> <b>Received By:</b>												<b>REMARKS:</b> 24hr. RUSH TAT on all samples.																																																																																																																																																																																			
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:												<b>Observed Temp. °C:</b> 2.3°C <b>Corrected Temp. °C:</b>																																																																																																																																																																																			
<b>Sample Condition:</b> <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes												<b>CHECKED BY:</b> (Initials) (Signature) <b>Thermometer ID:</b> #1140 <b>Thermometer Factor:</b> 0.002 <b>Thermometer Date:</b> 3/7/2024 <b>Thermometer Location:</b>																																																																																																																																																																																			
<b>FORM-006 R 3.2 (6/07/21)</b>												<b>FORM-006 R 3.2 (6/07/21)</b>																																																																																																																																																																																			







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March 13, 2024

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES A WATERFLOOD RELEASES

Enclosed are the results of analyses for samples received by the laboratory on 03/12/24 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: FS - 7 (H241254-01)**

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	03/13/2024	ND	1.93	96.6	2.00	5.43	
Toluene*	<0.050	0.050	03/13/2024	ND	2.01	100	2.00	4.42	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.00	99.9	6.00	4.41	
Total BTX	<0.300	0.300	03/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	03/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	180	90.1	200	6.09	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	193	96.3	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 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:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: FS - 8 (H241254-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2024	ND	1.93	96.6	2.00	5.43		
Toluene*	<0.050	0.050	03/13/2024	ND	2.01	100	2.00	4.42		
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.58		
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.00	99.9	6.00	4.41		
Total BTEx	<0.300	0.300	03/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	80.0	16.0	03/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	180	90.1	200	6.09	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	193	96.3	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

Cardinal Laboratories

\*=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:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: FS - 9 (H241254-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2024	ND	1.93	96.6	2.00	5.43		
Toluene*	<0.050	0.050	03/13/2024	ND	2.01	100	2.00	4.42		
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.58		
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.00	99.9	6.00	4.41		
Total BTEX	<0.300	0.300	03/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6720	16.0	03/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	180	90.1	200	6.09	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	193	96.3	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 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:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	JAMES A WATERFLOOD RELEASES	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02792	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

**Sample ID: FS - 10 (H241254-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2024	ND	1.93	96.6	2.00	5.43		
Toluene*	<0.050	0.050	03/13/2024	ND	2.01	100	2.00	4.42		
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.58		
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.00	99.9	6.00	4.41		
Total BTEX	<0.300	0.300	03/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	180	90.1	200	6.09	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	193	96.3	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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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".

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Celey D. Keene, Lab Director/Quality Manager







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February 16, 2024

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES A COM #001 TANK RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/15/24 11:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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



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**Analytical Results For:**

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

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	JAMES A COM #001 TANK RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03239	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY CO, NM		

**Sample ID: BACKFILL - COMPOSITE (H240726-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.07	104	2.00	3.24	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.16	108	2.00	3.48	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.57	109	6.00	3.60	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/16/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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---

### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

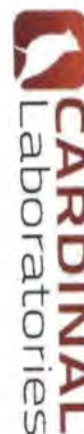
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A handwritten signature in black ink, appearing to read "Caley D. Keene".

---

Caley D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

[illegible]

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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

QUESTIONS

Action 394405

QUESTIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 394405
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1912758567
Incident Name	NAB1912758567 JAMES A WATERFLOOD @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fMAP1829545945] JAMES A WATERFLOOD

Location of Release Source	
Please answer all the questions in this group.	
Site Name	JAMES A WATERFLOOD
Date Release Discovered	03/25/2019
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pump   Produced Water   Released: 32 BBL   Recovered: 23 BBL   Lost: 9 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.



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QUESTIONS, Page 2

Action 394405

**QUESTIONS (continued)**

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 394405
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 10/22/2024
--	--

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QUESTIONS, Page 3

Action 394405

**QUESTIONS (continued)**

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID:
	217817
	Action Number: 394405
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	12400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1398
GRO+DRO (EPA SW-846 Method 8015M)	1150
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/04/2024
On what date will (or did) the final sampling or liner inspection occur	03/05/2024
On what date will (or was) the remediation complete(d)	03/20/2024
What is the estimated surface area (in square feet) that will be reclaimed	16500
What is the estimated volume (in cubic yards) that will be reclaimed	2430
What is the estimated surface area (in square feet) that will be remediated	16500
What is the estimated volume (in cubic yards) that will be remediated	2430

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 394405

**QUESTIONS (continued)**

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 394405
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 10/22/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	



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QUESTIONS, Page 5

Action 394405

**QUESTIONS (continued)**

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID:
	217817
	Action Number: 394405
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Per NMOCD's conditions of approval, a deferral may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water. Remedial activities consisted of heavy machinery and hydrovac to remove as much contaminated soil as reasonably possible. Any additional excavation of the impacted area located within the active battery facility would cause a major facility deconstruction, in addition to creating safety risks associated with excavating near production equipment via aggressive excavation methods (i.e., backhoe/track hoe, excavators, hydraulic hammer, etc.). These interim field activities were completed safely and without any additional unwanted releases to the environment. Although the liner is in place, 19.15.29.13 NMAC will be implemented when completing abandonment of the tank battery and the associated pipelines and equipment.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	16000
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	8000
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	JAMES A WATERFLOOD [fMAP1829545945]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 10/22/2024

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

QUESTIONS, Page 6  
  
Action 394405

QUESTIONS (continued)

Operator:  CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID:  217817
	Action Number:  394405
	Action Type:  [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	319293
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/05/2024
What was the (estimated) number of samples that were to be gathered	45
What was the sampling surface area in square feet	9000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 394405

CONDITIONS

Operator:  CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID:  217817
	Action Number:  394405
	Action Type:  [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	ConocoPhillips deferral requests final remediation for (Incident Number NAB1912758567) until final reclamation of the well pad or major construction, whichever comes first. Tetra Tech and ConocoPhillips do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The release has been vertically/horizontally delineated by (boreholes B-1 through B-8) and (hand auger borings (AH-1 through AH-15). The impacted soil is the area in purple on figure 6 that is limited to the area immediately around the tank battery, associated pipelines, and equipment where remediation would require major facility deconstruction. At time of facility deconstruction, the liners will be removed, and final remediation will take place. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	11/22/2024