

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) or 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

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  $\frac{1}{2}$  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

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- 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 SM4500CI-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.

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### 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 ft2 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 SM4500CI-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

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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 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.

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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 Manager

cc: Mr. Sam Widmer, RMR – ConocoPhillips Ms. Tami Knight, NMSLO

Christian M, Llull, P.G. Program Manager

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### 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

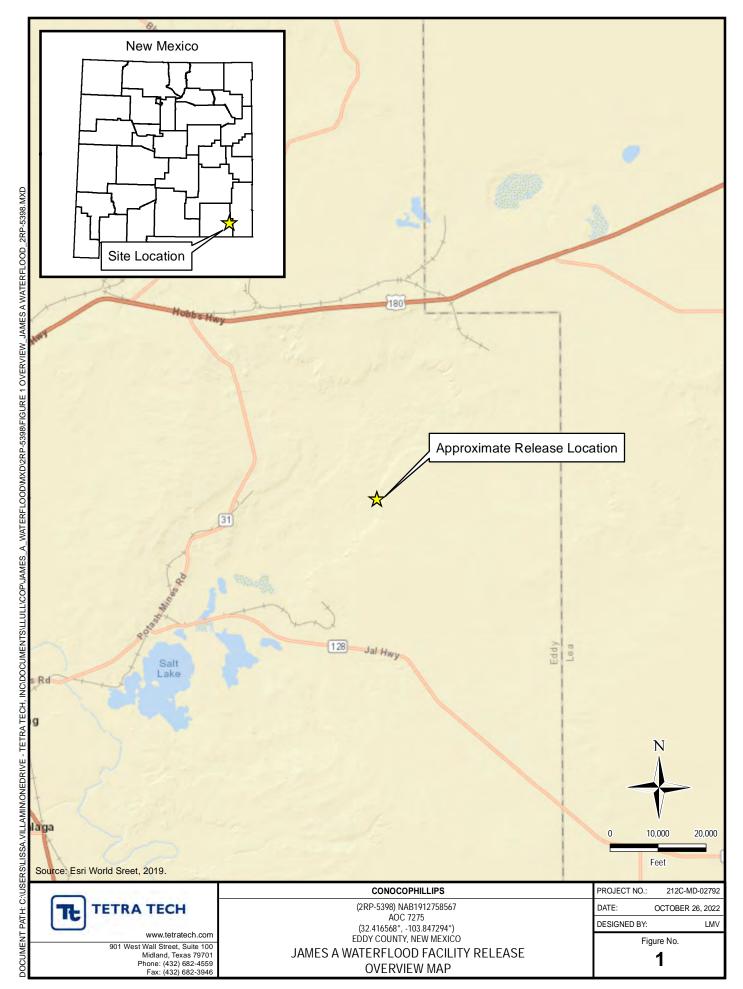
### Appendices:

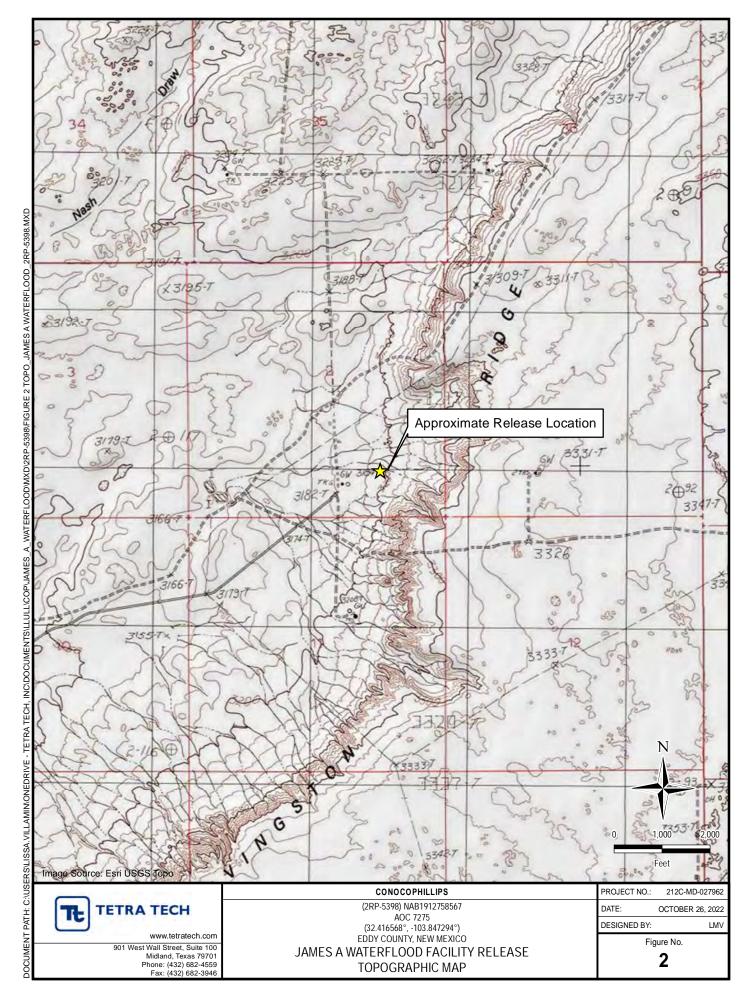
- Appendix A C-141 Forms
- Appendix B Site Characterization Data
- Appendix C Regulatory Correspondence
- Appendix D Photographic Documentation
- Appendix E Waste Manifests
- Appendix F Laboratory Analytical Data

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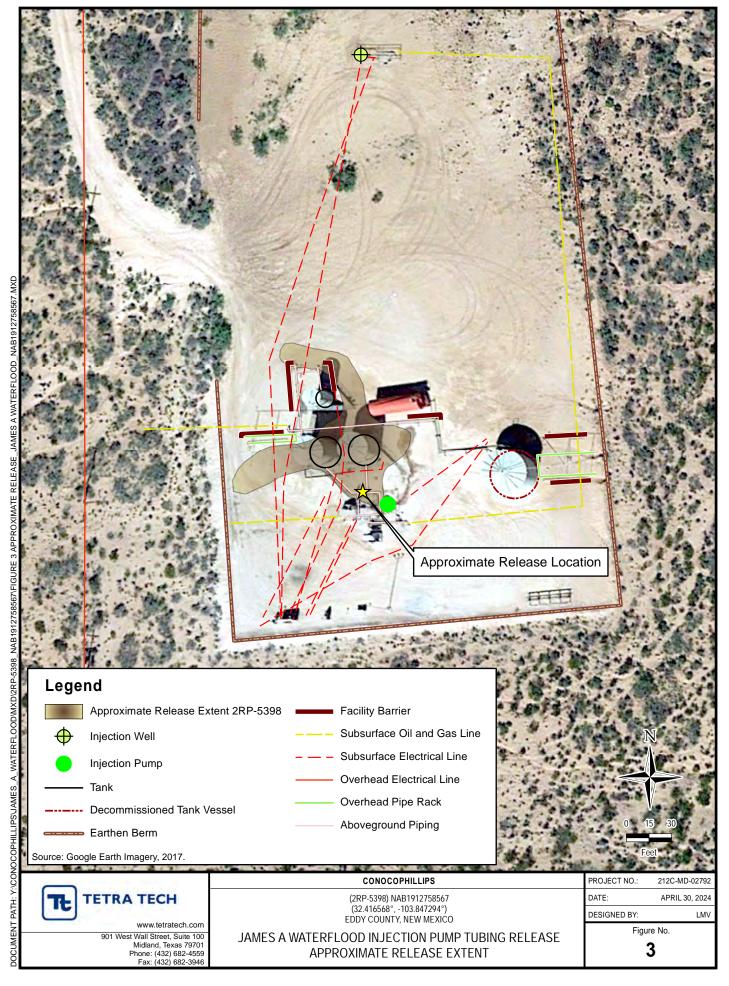
# FIGURES

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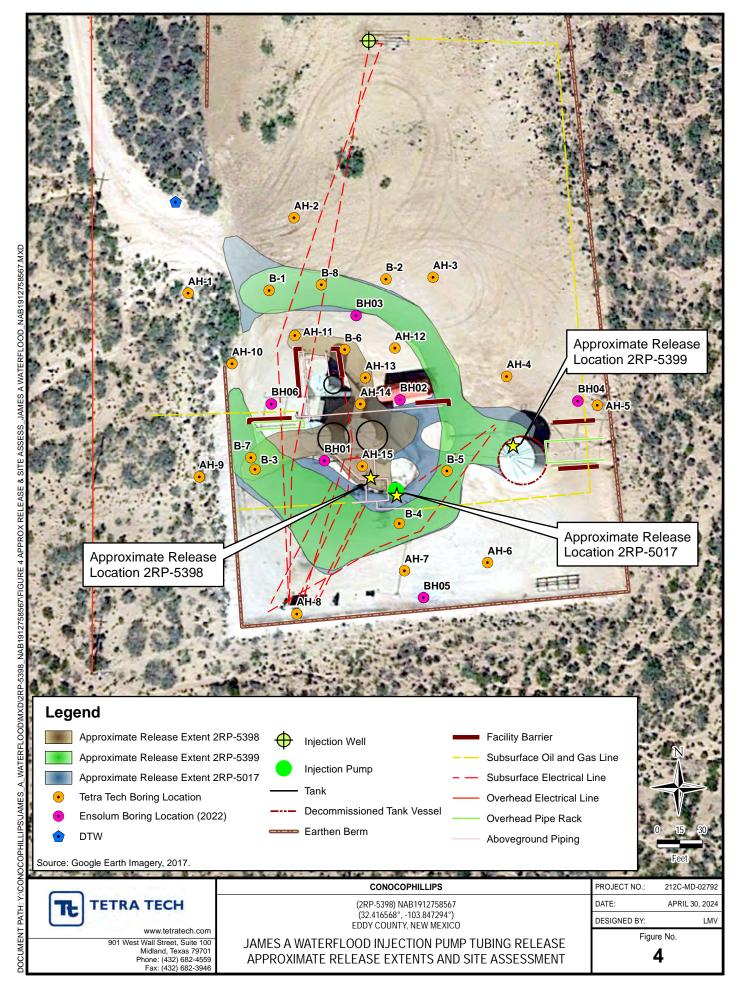


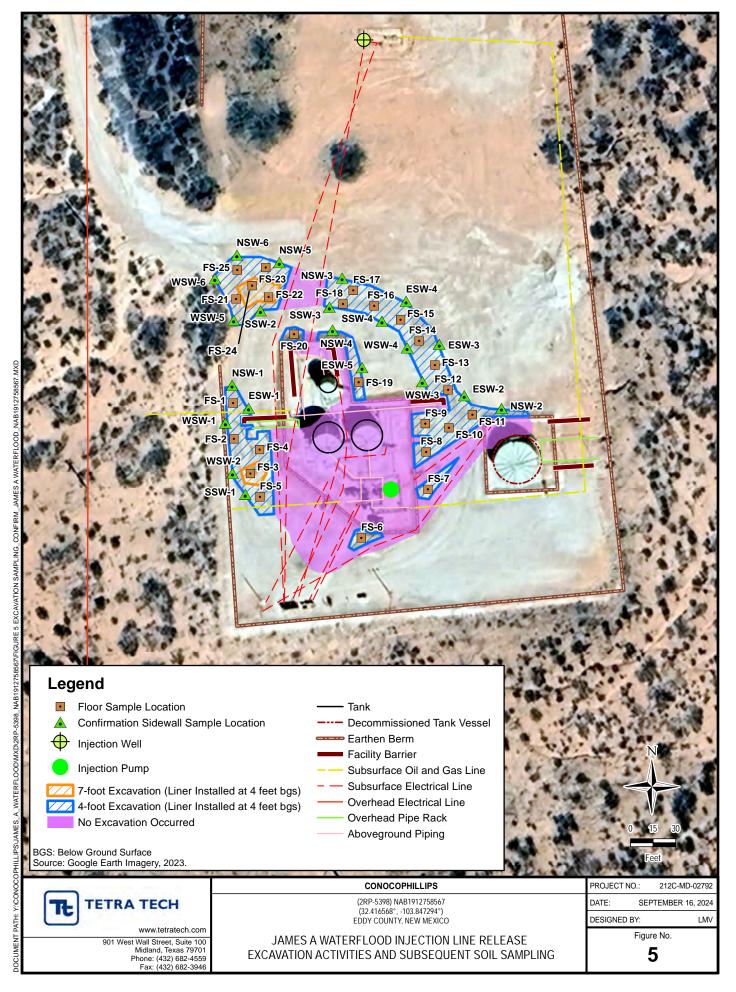


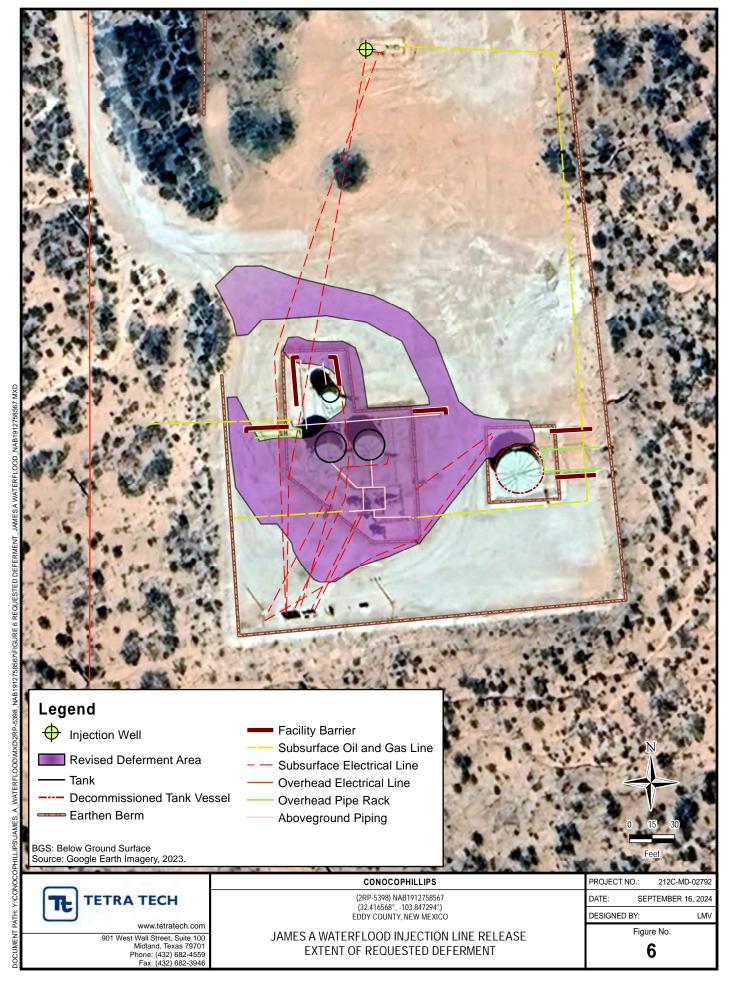
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# TABLES

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

										BTEX <sup>2</sup>					TPH <sup>3</sup>		
		Sample Depth	Field S	creening Results	Chlorid	le <sup>1</sup>	Dever	-		Edda dhaanaa a	Tatal Valence		GRO	DRO	EXT DRO		Total TPH
Committe ID	Comula Data		Chloride	PID			Benzene		oluene	Ethylbenzene	Total Xylenes	Total BTEX	C <sub>6</sub> - C <sub>10</sub>	> C <sub>10</sub> - C <sub>28</sub>	> C <sub>28</sub> - C <sub>36</sub>	(GRO+DRO)	(GRO+DRO+EXT DRO)
Sample ID	Sample Date	ft. bgs		ppm	mg/kg	Q	mg/kg	Q mg	g/kg O	t mg/kg Q	mg/kg C	t mg/kg Q	mg/kg Q	mg/kg Q	mg/kg C	t mg/kg	mg/kg
		Closure Criteria for	r Pasture / O	ff-Pad Soils 0-4' bgs:	<u>600 mg/</u>	/k <u>q</u>	<u>&lt; 10 mg/kg</u>					<u>&lt; 50 mg/kg</u>					<u>100 mg/kg</u>
		Closure Criteria f	or Soils >4' b	ogs (GW 50-100 ft):	<u>10,000 m</u>	<u>g/kg</u>	<u>&lt; 10 mg/kg</u>					<u>&lt; 50 mg/kg</u>				<u>1000 mg/kg</u>	<u>2500 mg/kg</u>
		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		-
B-1	9/26/2022	4-5	-	-	1,920		< 0.050	< 0	.050	< 0.050	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0		-
	0, =0, =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		-
		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		-
B-2	9/26/2022	4-5	-	-	176		< 0.050	< 0	.050	< 0.050	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0		-
D-2	9/20/2022	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		-
		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		-
<b>D</b> 2	0/26/2022	4-5	-	-	1,360		< 0.050	< 0	.050	< 0.050	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0		-
B-3	9/26/2022	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		-
		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		-
B-4	9/26/2022	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		-
		14-15	-	-	800		< 0.050	< 0	.050	< 0.050	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0		-
		19-20	-	-	352		< 0.050	< 0	.050	< 0.050	< 0.150	< 0.300	< 10.0	< 10.0	< 10.0		-
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# TABLE 1 SUMMARY OF ANALYTICAL RESULTS SOIL ASSESSMENT- 2RP-5398 / nAB1912758567 CONOCOPHILLIPS JAMES A WATERFLOOD (MULTIPLE RELEASES) EDDY COUNTY, NM

			5. 110						BTEX <sup>2</sup>						TPH	3	
		Sample Depth	Field S	creening Results	Chlorid	e1	Democrac	Taluana	Ethulhoween	Total Vulance		,	GRO	DRO	EXT DRO		Total TPH
Sample ID	Sample Date		Chloride	PID			Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX		C <sub>6</sub> - C <sub>10</sub>	> C <sub>10</sub> - C <sub>28</sub>	> C <sub>28</sub> - C <sub>36</sub>	(GRO+DRO)	(GRO+DRO+EXT DRO)
Sample ID	Sample Date	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
		Closure Criteria for	r Pasture / O	ff-Pad Soils 0-4' bgs:	<u>600 mg/</u>	<u>kg</u>	<u>&lt; 10 mg/kg</u>				<u>&lt; 50 mg/kg</u>	1					<u>100 mg/kg</u>
		Closure Criteria	for Soils >4' b	gs (GW 50-100 ft):	<u>10,000 mg</u>	<u>/kg</u>	<u>&lt; 10 mg/kg</u>				<u>&lt; 50 mg/kg</u>	1				<u>1000 mg/kg</u>	<u>2500 mg/kg</u>
		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		-
B-5	9/26/2022	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		-
		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		-
B-6	9/26/2022	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		· ·
		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	-	-	<b>976</b>		< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	_	< 10.0	< 10.0	< 10.0		-
		4-5 6-7	-	-	336 272		< 0.050 < 0.050	< 0.050 < 0.050	< 0.050	< 0.150	< 0.300 < 0.300		< 10.0 < 10.0	< 10.0	< 10.0 < 10.0		-
B-7	12/12/2022	8-9	-	-	272		< 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		<u> </u>
		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		_
		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		-
B-8	12/12/2022	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		-
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# TABLE 1 SUMMARY OF ANALYTICAL RESULTS SOIL ASSESSMENT- 2RP-5398 / nAB1912758567 CONOCOPHILLIPS JAMES A WATERFLOOD (MULTIPLE RELEASES) EDDY COUNTY, NM

			Et al al a	) 				BTEX <sup>2</sup>					TPH <sup>3</sup>		
		Sample Depth	Field S	Screening Results	Chloride <sup>1</sup>	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	(GRO+DRO)	Total TPH
Sample ID	Sample Date		Chloride	PID		Denzene	Toldelle	Ethylbenzene	Total Aylenes	TOTALBLEX	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)	(GRO+DRO+EXT DRO)
Sample ib	Sample Date	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
		Closure Criteria for	Pasture / O	ff-Pad Soils 0-4' bgs:	<u>600 mg/kg</u>	<u>&lt; 10 mg/kg</u>				<u>&lt; 50 mg/kg</u>					<u>100 mg/kq</u>
		Closure Criteria f	1	ogs (GW 50-100 ft):	<u>10,000 mg/kg</u>	<u>&lt; 10 mg/kg</u>				<u>&lt; 50 mg/kg</u>				<u>1000 mg/kg</u>	<u>2500 mg/kg</u>
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		-
		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
AH-11	10/5/2022	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
AII-12	10/3/2022	2-3	97	-	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0		-
	40/5/2022	0-1	81.2	-	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0		-
AH-13	10/5/2022	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		-
ATT-14	10/ 5/ 2022	2-3	578	-	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0		-
		0-1	1205	-	12,400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	190	52.7	190	242.7
AH-15	10/5/2022	2-3	5370	-	5,840	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0		-
NOTES		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

Method SM4500Cl-B 1

Method 8021B 2

3 Method 8015M

Bold and italicized values indicate exceedance of proposed Remediation RRALs and Reclamation Requirements. Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

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

			Field Screening Results				BTEX <sup>2</sup>					TPH <sup>3</sup>		
		Sample Depth	Field Screening Results	Chloride <sup>1</sup>	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	(GRO+DRO)	Total TPH
Sample ID	Sample Date		Chloride PID		benzene	Totucile	Lunyibenizene	Total Agienes	Total Break	C <sub>6</sub> - C <sub>10</sub>	> C <sub>10</sub> - C <sub>28</sub>	> C <sub>28</sub> - C <sub>36</sub>	(6110-12110)	(GRO+DRO+EXT DRO)
Sample ID	Sample Date	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
		Closure Criteria for Pasture	e / Off-Pad Soils 0-4' bgs:	<u>600 mg/kg</u>	<u>&lt; 10 mg/kg</u>	-			<u>&lt; 50 mg/kg</u>					<u>100 mg/kg</u>
		Closure Criteria for Soils	>4' bgs (GW 50-100 ft):	<u>10,000 mg/kg</u>	<u>&lt; 10 mg/kg</u>	-			<u>&lt; 50 mg/kg</u>				<u>1000 mg/kg</u>	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
51101	12/0/2022	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
51102	12/0/2022	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
Billos	12/0/2022	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
Billoq	12/0/2022	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
51105	12/0/2022	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
5.100	12, 0, 2022	4'		171	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0 *1	<50.0	<50.0	<50.0

NOTES:

Released to Imaging: 11/22/2024 7:51:22 AM

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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: \*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

						BTEX <sup>2</sup>												TPH <sup>3</sup>		
		Sample Depth	Field Scree	ning Results	Chloride1	Benzene	Toluene		Ethylbenzen		Total Xylenes	Τ	Total BTEX	GRO	DR	0	EXT DRO	<b>)</b>	(GRO+DRO)	Total TPH
Sample ID	Sample Date		Chloride	PID		Benzene	Toluene		Ethylbenzen	ie	Total Aylenes		TOLAIDIEA	C <sub>6</sub> - C <sub>10</sub>	> C <sub>10</sub>	- C <sub>28</sub>	> C <sub>28</sub> - C	36	(GRO+DRO)	(GRO+DRO+EXT DRO)
		ft. bgs	pt	om	mg/kg Q	mg/kg Q	mg/kg	Q	mg/kg	Q	mg/kg C	2	mg/kg Q	mg/kg Q	mg/kį	Q	mg/kg	Q	mg/kg	mg/kg
		Closure Criteria fo	or Pasture / C )-4' bgs:	Off-Pad Soils	<u>600 mg/kg</u>	<u>&lt; 10 mg/kg</u>						Т	<u>&lt; 50 mg/kg</u>						-	<u>100 mg/kg</u>
FS-1	3/6/2024	4	-	-	1,200	<0.050	<0.050		<0.050		<0.150	Т	<0.300	<10.0	16.4		<10.0		16.4	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		-	-

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

				ning Results							BTEX <sup>2</sup>											TPH <sup>3</sup>		
		Sample Depth	Field Screen	ning Results	Chloride <sup>1</sup>		Benzene		Toluene		Ethylbenze	no	Total Xvlen	<b>.</b>	Total BTE	,	GRO		DRO		EXT DRO	)	(GRO+DRO)	Total TPH
Sample ID	Sample Date		Chloride	PID			Denzene		Tordene		Ethylbelize	ine	Total Aylen	<b>c</b> 3	Total Dita	`	C <sub>6</sub> - C <sub>10</sub>		> C <sub>10</sub> - C <sub>2</sub>	8	> C <sub>28</sub> - C <sub>3</sub>	6	(GRO (DRO)	(GRO+DRO+EXT DRO)
		ft. bgs	pp	om	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		-	-

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

QUALIFIERS:

NOTES:

ft. Feet bgs Below gr

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

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

								BTEX	2								т	PH <sup>3</sup>		
Sample ID	Sample Date	Chlorid	e1	Bonzor	Benzene			Ethylben	2000	Total Xyle	noc	Total B	·EV	GRO		DRO		EXT DR	0	Total TPH
Sample ID	Sample Date			Delizei	ie	Toluer	le	Ethylben	lene	ΤΟτάι Αγιά	illes	TOTALD	LA	<b>C</b> <sub>6</sub> - <b>C</b> <sub>1</sub>	0	> C <sub>10</sub> - 0	C <sub>28</sub>	> C <sub>28</sub> - 0	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

-

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# APPENDIX A C-141 Forms

Received by OCD: 10/22/2024 8033:21 AM

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	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	84735			
			(NAL) 83 in de	ecimal de	grees to 5 decimal places	9			
Site Name:	James A Wat	erfld			Site Type: Water f	lood			
Date Release	Discovered:	03/25/2019			API# (if applicable)	3001526761	** Facility		
				_	•		AB		
Unit Letter	Section	Township	Range		County				
Р	2	22S	30E	T	Eddy				
Surface Owne	r: 🛛 State [	🗌 Federal 🔲 Tri	bal 🗌 Private (	Name:				_)	

### Nature and Volume of Release

Mate	rial(s) Released (Select all that apply and attach calculations or specif	ic justification for the volumes provided below)
Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 32	Volume Recovered (bbls) 23
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		-
Failed 3/8" Stainless tu	bing attached to the injection pump	

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Oil Conservatio	n Division
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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?	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.	
Yes 🗌 No		
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

 $\boxtimes$  The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Christopher Ebey	Title: HSE Specialist
Signature:	Date: $4/24/19$ Telephone: 575.391.3165
OCD Only Received by:	Date: _ 5/7/2019

Received by OCD: 10/22/2024 8:33:21 MM Form C-141 State of New Mexico

Oil Conservation Division

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.

	1
What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;55 ft</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🗹 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🗹 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🖌 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🖌 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🖌 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🖌 Yes 🗌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🖌 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🗌 Yes 🗹 No

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

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

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

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

Page 3

Received by OCD: 10/22/	2024 8:33:21 M State of New Mexico			Page 28 of
			Incident ID	NAB1912758567
e 4 Oil Conservation Div	Oil Conservation Divisio	n	District RP	2RP-5398
			Facility ID	
			Application ID	
regulations all operators ar public health or the environ failed to adequately investi addition, OCD acceptance and/or regulations.	Formation given above is true and complete to re required to report and/or file certain release in nment. The acceptance of a C-141 report by the igate and remediate contamination that pose a of a C-141 report does not relieve the operator am Widmer	notifications and perform he OCD does not relieve t threat to groundwater, sur r of responsibility for com	corrective actions for re the operator of liability s face water, human healt apliance with any other f pal Program Mana	leases which may endanger hould their operations have h or the environment. In èderal, state, or local laws
email:	3498 n.Widmer@conocophillips.com	Telephone: 281		

Received by OCD: 10/22/2024 8:33:21 AM State of New Mexico

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**Oil Conservation Division** 

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.

V	Detailed de
	Scaled siter

scription 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 Principal Program Manager Title: DocuSigned by: May-01-2023 Date: Signature: Sam Widmer -5454CA5BAD33498... Telephone: 281–206–5298 email: Sam Widmer@conocophillips.com OCD Only Jocelyn Harimon 05/03/2023 Received by: Date: Approved X Approved with Attached Conditions of Approval Denied Deferral Approved Robert Hamlet 9/20/2023 Signature: Date:

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

Operator:		OGRID:	
CONOCOPHILLIPS COMPANY	ONOCOPHILLIPS COMPANY	217817 Action Number:	
6	00 W. Illinois Avenue		
N	lidland, TX 79701	213256	
		Action Type:	
		[C-141] Release Corrective Action (C-141)	
CONDITIONS	S		
Created By	Condition		Condition
			Date

		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

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Action 213256

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Oil Conservation Division

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: Sam Widman	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

Easting (X): 608396.493



(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)						2=NE 3 st to lar	3=SW 4=S gest) (l	E) NAD83 UTM in m	eters)	(	In feet)
POD Number	POD Sub- Code basin Co	ountv		Q ( 16 4		: Tws	Rna	x	ζ Υ	Distance	-	Depth Water Water Column
C 04528 POD1		ED				22S		608886	-	1626		
C 03234 EXPLORE	CUB	ED	1	2 3	3 35	21S	30E	607695	5 3589207* 🌍	2148	410	
									Avera	age Depth to	Water:	
										Minimum	Depth:	
										Maximum	Depth:	
Record Count: 2												
UTMNAD83 Radius	Search (in meters	s):										

Northing (Y): 3587175.815

#### \*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.

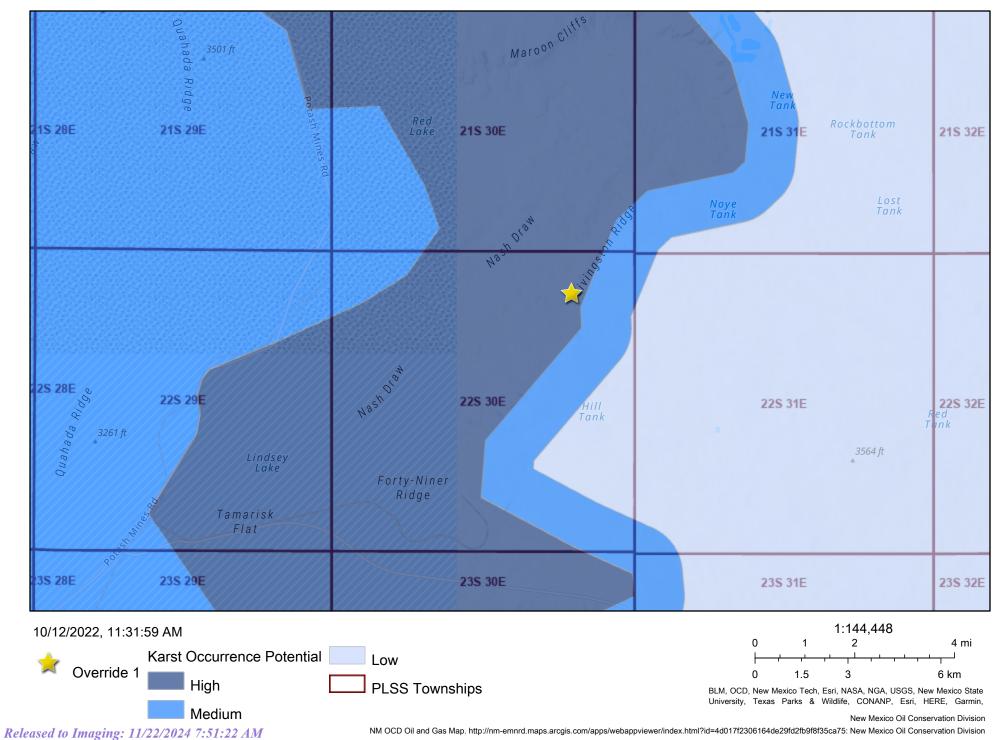
**Radius: 2400** 

	212C-MD-02792 TETRA TECH											LOG OF BORING DTW	Page 1 of 1	
-				es A W					9					
Bore	hole	Locat	onGPS	: 32.4169	966°, ·	103.8	47724	1°				Surface Elevation: 3198 ft		
ore	hole	Numb	er:DT\	V			1	1	1		Boreh Diame	ter (in.): Date Started. 0/20/2022		: 9/26/2022
DEPTH (ft)		7	SCREENING (ppm)	U SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)		D PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS While Drilling <u>✓ DRY</u> ft Upon Completion of Drilli Remarks: MATERIAL DESCRIPTION -SP- SILTY SAND: Light brown to brown, loose,	ng <u>F</u> D DEPTH (ft)	RY_ft REMARKS
												<ul> <li>dry, fine grained, with trace caliche nodules, no staining impact or odor</li> <li>-SM- SAND: Brown, weakly cemented, dry, very fine grained, with trace caliche</li> <li>-SC- CLAYEY SAND: Reddish brown, moderate cemented, moist</li> <li>-SM- SILTY SAND: Reddish Brown, dense, weakly cemented, dry</li> </ul>		
5 <sup>_</sup>	$\langle \langle$											Bottom of borehole at 55.0 feet.	55	

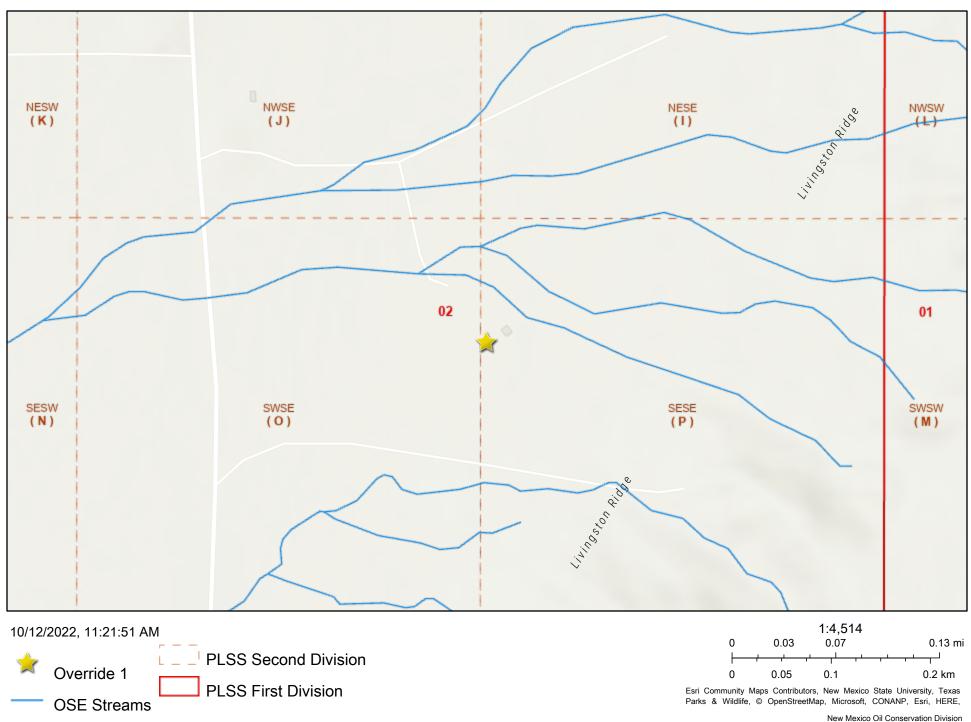
Operation Types: Sampler Types: Split Spoon Hand Auger Acetate Liner Notes: Mud Rotary Surface elevation is based on Google Earth data. Air Rotary Shelby Д Vane Shear Continuous Flight Auger Bulk Sample Discrete Sample ||III.. Direct Push Wash Rotary Grab Sample Core Barrel Test Pit Scarborough Drilling

Logger: Colton Bickerstaff Drilling Equipment: Air Rotary Driller: S Released to Imaging: 11/22/2024 /:51:22 AM\_NOWELL3 : 2015 TT TEMPLATE DECEMBER WELL.GDT '

## James A Waterflood - Karst



## James A Waterflood - Water Bodies



**Released to Imaging: 11/22/2024 7:51:22 AM** 

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

# Received by OCD: 10/22/2024 8:33:21 AM National Flood Hazard Layer FIRMette

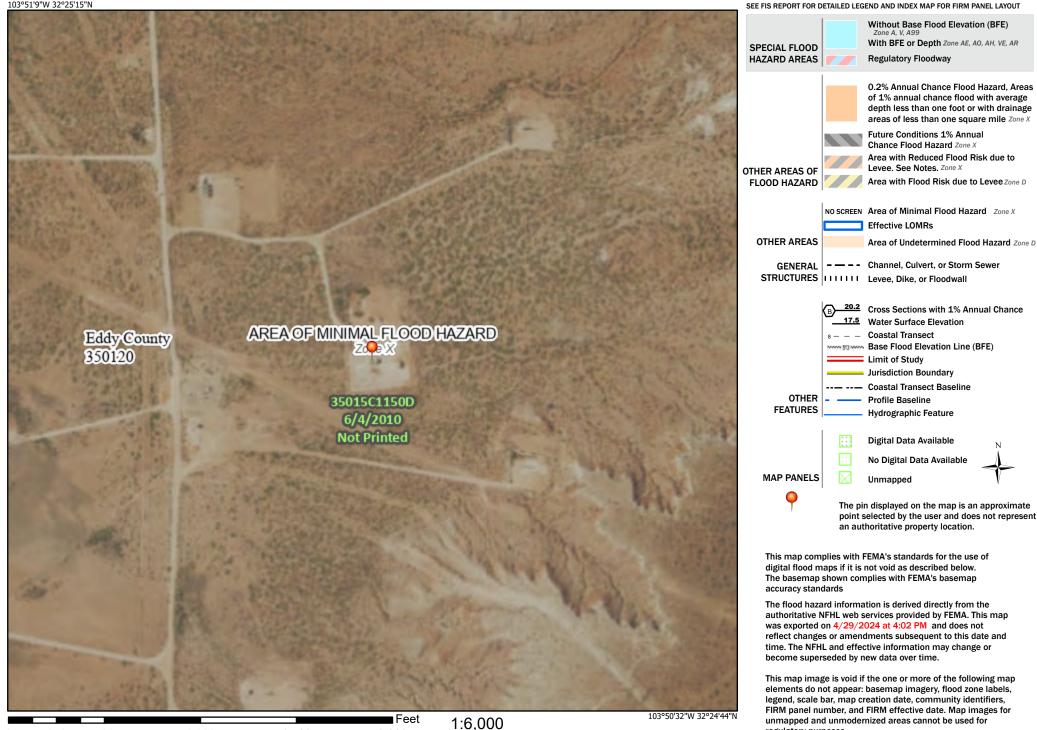
103°51'9"W 32°25'15"N



### Legend

regulatory purposes.

## Page 37 of 227



Releasea to Imaging: 11/22/202409.91:22 AM 1,500 2,000

Basemap Imagery Source: USGS National Map 2023

# APPENDIX C Regulatory Correspondence

#### Bratcher, Mike, EMNRD

From:	Bratcher, Mike, EMNRD
Sent:	Tuesday, May 7, 2019 3:50 PM
То:	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 <u>DENIED</u> 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: <u>robert.hamlet@state.nm.us</u> Victoria Venegas: <u>victoria.venegas@state.nm.us</u>

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 <<u>Justin.Wright@conocophillips.com</u>>
Sent: Friday, May 3, 2019 12:50 PM
To: Wright, Justin K <<u>Justin.Wright@conocophillips.com</u>>
Subject:

### Chavira, Lisbeth

From:	OCDOnline@state.nm.us
Sent:	Wednesday, September 20, 2023 3:59 PM
То:	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 ft2 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></tknight@slo.state.nm.us>
Sent:	Thursday, October 19, 2023 12:48 PM
То:	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

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

#### 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 offpad 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

#### 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



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transmission is STRICTLY PROHIBITED. If you have received this transmission in error, please immediately notify the sender and delete the original transmission and its attachments without reading or saving in any manner. Thank you.

From: Dickerson, Ryan <Ryan.Dickerson@tetratech.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@tetratech.com

Tetra Tech | *Leading with Science*<sup>®</sup> | OGA 8911 N. Capital of TX Hwy. | Bldg. 2, Ste 2310 | Austin, TX 78759 | tetratech.com

From: Dickerson, Ryan
Sent: Wednesday, September 27, 2023 3:32 PM
To: spills@slo.state.nm.us
Cc: Knight, Tami C. <<u>tknight@slo.state.nm.us</u>>; Llull, Christian <<u>Christian.Llull@tetratech.com</u>>; Poole, Nicholas
<NICHOLAS.POOLE@tetratech.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.
  - o 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@tetratech.com

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•



#### Chavira, Lisbeth

From:	OCDOnline@state.nm.us
Sent:	Friday, March 1, 2024 9:13 AM
То:	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
То:	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.</li>

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

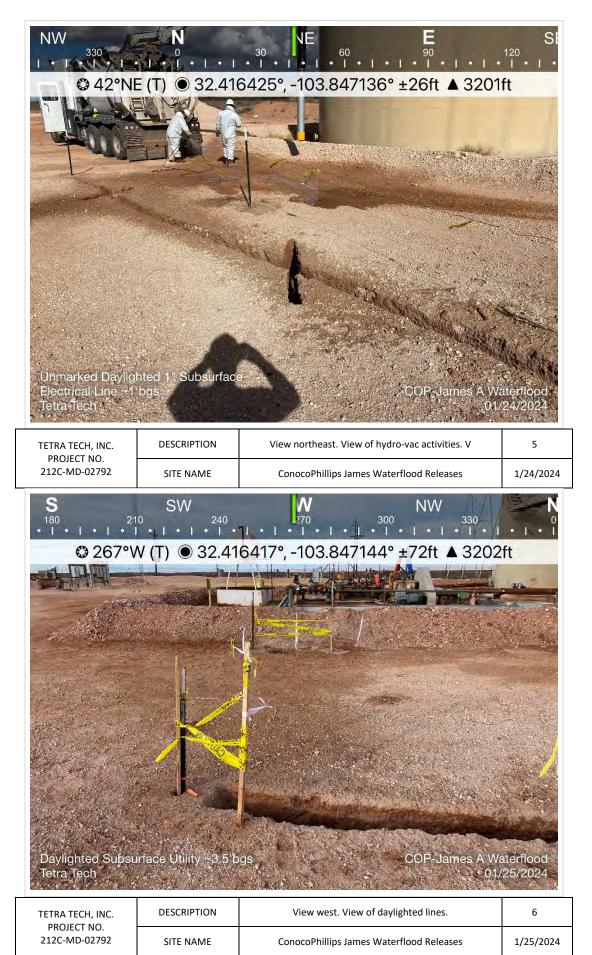
#### New Mexico Energy, Minerals and Natural Resources Department

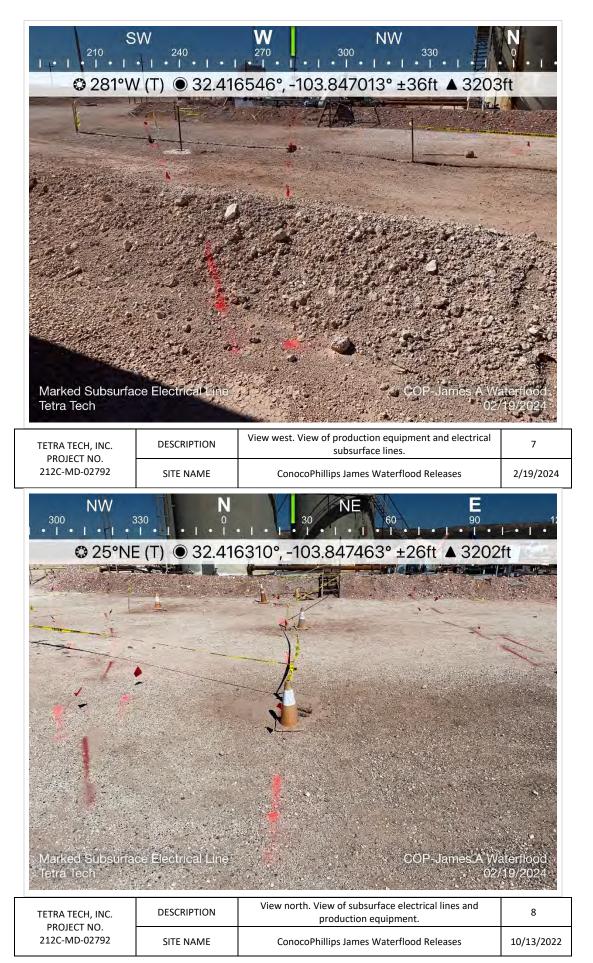
1220 South St. Francis Drive Santa Fe, NM 87505

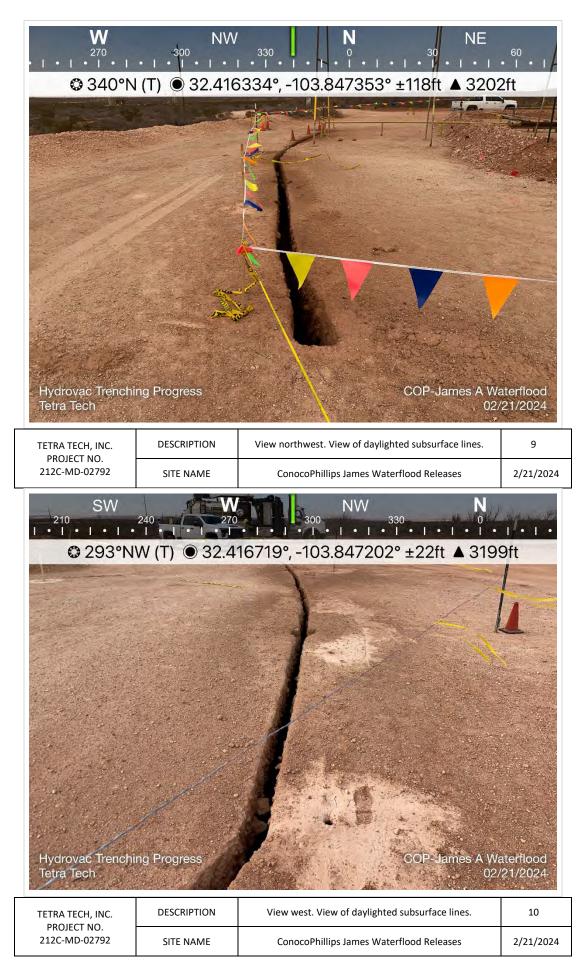
# APPENDIX D Photographic Documentation

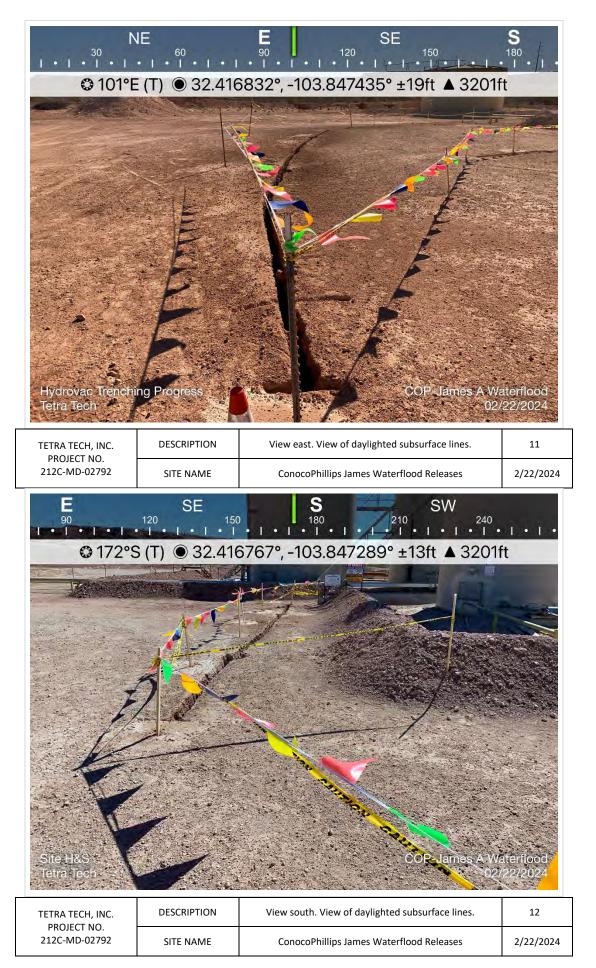


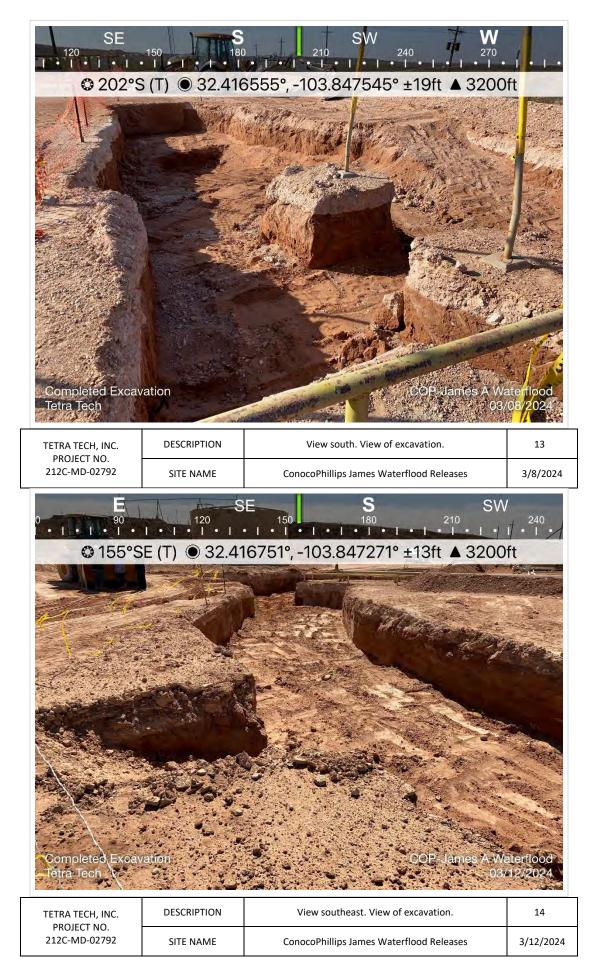


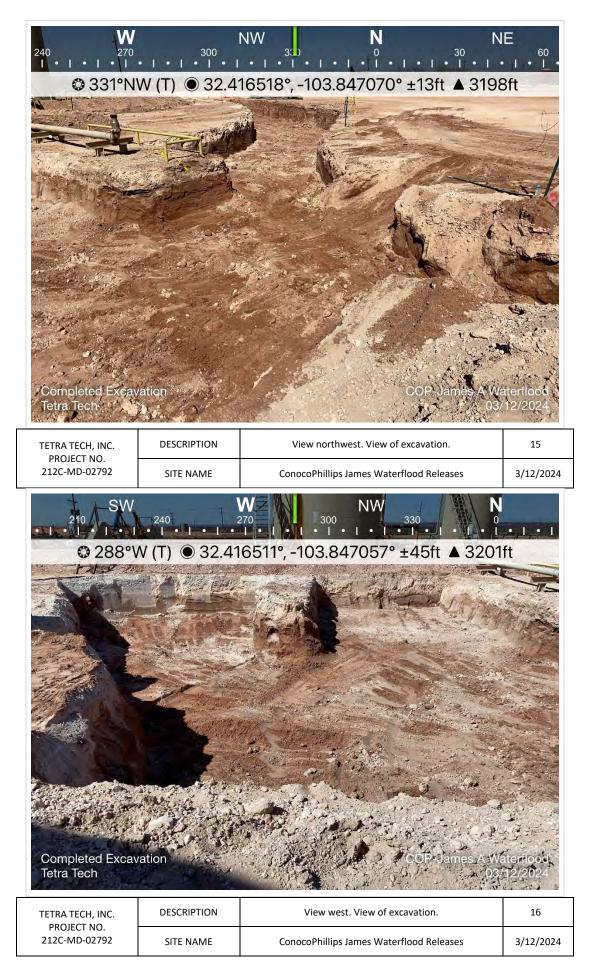


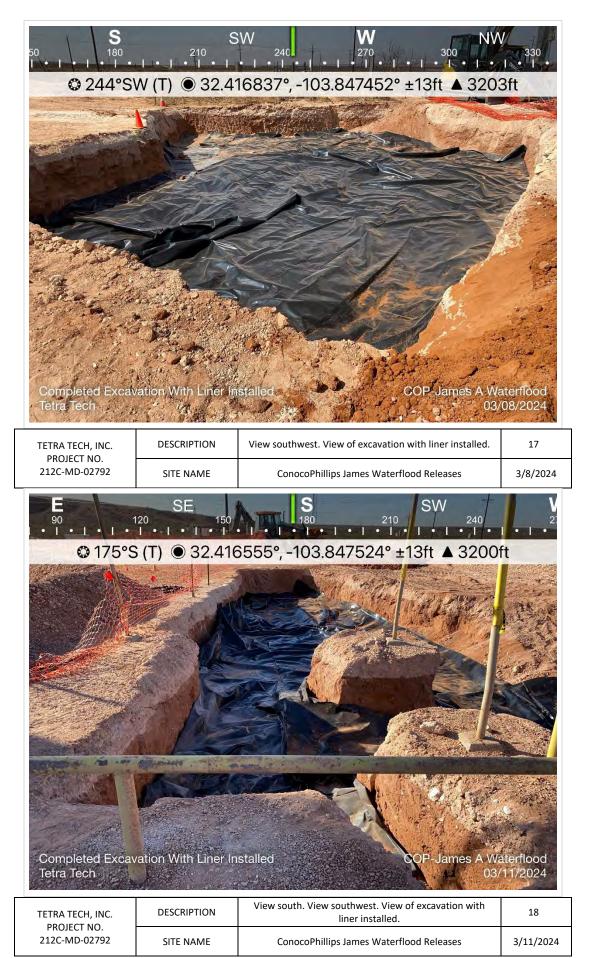


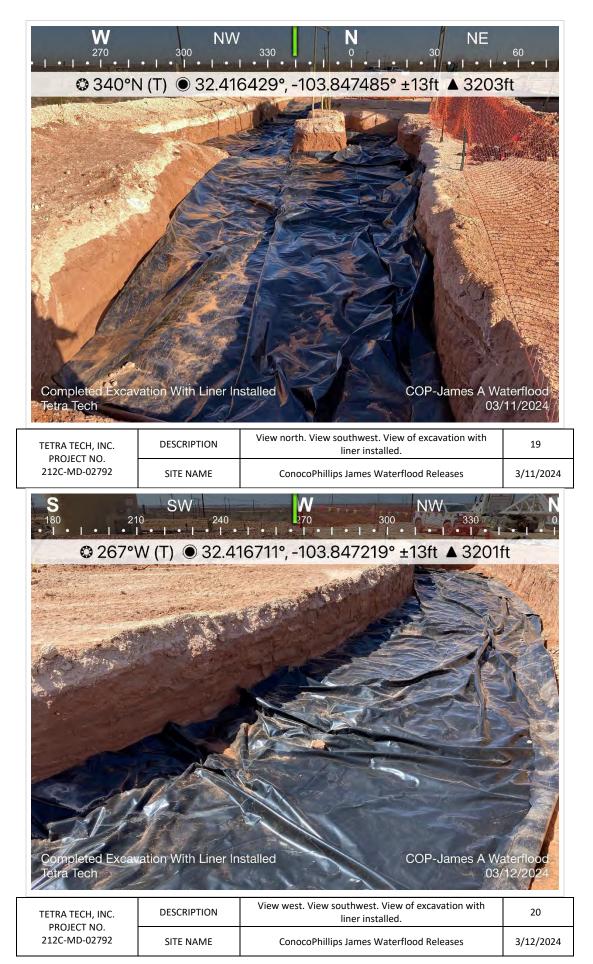
















# APPENDIX E Waste Manifests

Received by OCD: 10/22/2024 8:3	Customer #:	COLTON BICKERSTAFF		
Facility: CRI				
Product / Service	1.12101 20	Quantit	y Units	We all the later
Contaminated Soil (RCRA Exem	pt)	13	.00 yards	
1988 regulatory determination, the abo <u>X</u> RCRA Exempt: Oil Field wastes g _ RCRA Non-Exempt: Oil field wastes characteristics established in RCRA re amended. The following documentati _ MSDS Information _ RCRA I Driver/ Agent Signature	generated from oi ste which is non-l egulations, 40 CF on is attached to	l and gas exploration and product nazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	e minimum standard us waste as defined waste is non-hazard ge Other (Prov	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval	THI	S IS NOT AN INVO	DICE!	
Approved By:		Date:		

Received by OCD: 10/22/2024 8: RECEIVED AND AND AND AND AND AND AND AND AND AN	33:21 AM Customer: CONOCOPHILLIPS Customer #: CRI2190 Ordered by: COLTON BICKERSTAN AFE #: PO #: Manifest #: NA 12 Manif. Date: 3/6/2024 Hauler: MCNABB PARTNERS Driver SERGIO Truck # A04 Card # Job Ref #	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI			
Product / Service	C	uantity Units	
Contaminated Soil (RCRA Exer	npt)	10.00 yards	
RCRA Non-Exempt: Oil field w characteristics established in RCRA amended. The following documenta	s generated from oil and gas exploration and raste which is pon-hazardous that does not ex regulations, 40 CFR 261.21-261.24 or listed h ation is attached to demonstrate the above-des Hazardous Waste Analysis Process Kn	ceed the minimum standa nazardous waste as defined scribed waste is non-hazar	rds for waste hazardous by d in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval		00	Contract and some
Approved By:	THIS IS NOT AN I	NVOICE!	

<b>Received by OCD: 10/22/2024 8:33</b>	8-21 AM				Page 64 of 227
	Customer:	CONOCOPHILLIPS	Ticket #:	700-1537746	
mada	Customer #:	CRI2190 COLTEN BICKERSTAFF	Bid #:	O6UJ9A000JEC 3/6/2024	
<b>B</b> 360	Ordered by: AFE #:	COLTEN BICKERSTAFF	Date: Generator:	CONOCOPHILLI	PS
	PO #:		Generator #:		
ENVIRONMENTAL	Manifest #:	13	Well Ser. #:	999908	
SOLUTIONS	Manif. Date:				
Permian Basin	Hauler:	MCNABB PARTNERS SERGIO	Well #: Field:	12	
	Driver Truck #	MS90	Field #:		
	Card #	in our	Rig:	NON-DRILLING	
	Job Ref #		County		
Facility: CRI					
Product / Service	- Italiano	Quantit	y Units	- 1 9 Callar	
Contaminated Soil (RCRA Exemp	ot)	10.	00 yards		
Generator Certification Statemer	t of Waste St	atus	1. 1. 1. 1	11 and the second	
I hereby certify that according to the R 1988 regulatory determination, the abo <u>X</u> RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field wastes characteristics established in RCRA re amended. The following documentation MSDS Information RCRA H	we described was enerated from o te which is non- gulations, 40 CF on is attached to	ste is: il and gas exploration and product hazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described e Analysis Process Knowledg	ion operations and e minimum standar us waste as defined waste is non-hazar e Other (Prov	are not mixed with rds for waste hazardo 1 in 40 CFR, part 26 dous. (Check the ap	non-exempt wasto ous by l, subpart D, as propriate items):
Driver/ Agent Signature		R360 Representative	e Signature		11-180 N. D. C.
Sergio RenTeric	2	IA //			
Customer Approval	1	00	Sec. 1	11. 3	19/1-1
	THI	S IS NOT AN INVO	ICE!		
Approved By:		Date:			

Received by OCD: 10/22/2024 8:3	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quanti	ty Units	The first of the state of the state
Contaminated Soil (RCRA Exem	ipt)		0.00 yards	
I hereby certify that according to the I 1988 regulatory determination, the ab <u>X</u> RCRA Exempt: Oil Field wastes RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentation MSDS Information RCRA is	ove described wa generated from oi ste which is non-l egulations, 40 CF ion is attached to	ste is: Il and gas exploration and produc hazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	ction operations and ne minimum standar ous waste as defined l waste is non-hazard	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature	······································	R360 Representativ	e Signature	a state of the second second second
Edgar Chavira			(M	
Customer Approval	- Forget	The third		
	THI	S IS NOT AN INVO	DICE!	
Approved By:		Date: _		

R360	AFE #:	CONOCOPHILLIPS CRI2190 COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator:	Page 66 of 227 700-1537751 O6UJ9A000JEC 3/6/2024 CONOCOPHILLIPS
ENVIRONMENTAL SOLUTIONS	PO #: Manifest #: Manif. Date:	15 3/6/2024	Generator #: Well Ser. #: Well Name	
Permian Basin	Hauler:	AGUILAS SERVICES GUSTAVO 7	Well #: Field: Field #: Rig: County	NON-DRILLING
Facility: CRI				
Product / Service	1421.0	Quantit	y Units	
Contaminated Soil (RCRA E	xempt)	10.	.00 yards	
X RCRA Exempt: Oil Field wa RCRA Non-Exempt: Oil fiel	d waste which is non-h	l and gas exploration and product azardous that does not exceed the	e minimum standard	ds for waste hazardous by
X RCRA Exempt: Oil Field wa _ RCRA Non-Exempt: Oil fiel characteristics established in RCI amended. The following docume	stes generated from oil d waste which is non-h RA regulations, 40 CFI entation is attached to o	l and gas exploration and product nazardous that does not exceed the R 261.21-261.24 or listed hazardou	e minimum standard us waste as defined waste is non-hazard e Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
X RCRA Exempt: Oil Field wa _ RCRA Non-Exempt: Oil fiel characteristics established in RCI amended. The following docume _ MSDS Information _ RC	stes generated from oil d waste which is non-h RA regulations, 40 CFI entation is attached to o	and gas exploration and product nazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described Analysis Process Knowledg	e minimum standard us waste as defined waste is non-hazard e Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
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<b>Received by OCD: 10/22/2024</b>	8:33:21 AM	CONOCODUILLIDS	<b>T</b> 1 1 1 1	700 4507750 P	age 67 of 227
/	Customer: Customer #:	CONOCOPHILLIPS CRI2190	Ticket #: Bid #:	700-1537752 O6UJ9A000JEC	
man		COLTEN BICKERSTAFF	Date:	3/6/2024	
<b></b>	AFE #:	BOLLEN BIONERO IVA I	Generator:	CONOCOPHILLIP	5
	PO #:		Generator #:		
ENVIRONMENTAL	Manifest #:	16	Well Ser. #:		
SOLUTIONS	Manif. Date:		Well Name:	JAMES A	
Permian Basin	Hauler:	MCNABB PARTNERS	Well #:	12	
r onnian Daoni	Driver	JAIME	Field:		
	Truck #	01	Field #:		
	Card #		Rig:	NON-DRILLING	
	Job Ref #		County		
Facility: CRI					
Product / Service		Quantit	ty Units	いったころもある	에는 내 국내
Contaminated Soil (RCRA Ex	empt)	10	.00 yards		
Generator Certification State	ment of Waste St	atus	State and	111111111111111	28 20 20
I hereby certify that according to the			and the US Enviro	onmental Protection As	ency's July
1988 regulatory determination, the <u>X</u> RCRA Exempt: Oil Field wast <u>RCRA Non-Exempt: Oil field</u> characteristics established in RCR amended. The following documer <u>MSDS Information</u> <u>RCF</u>	tes generated from of waste which is non- A regulations, 40 CF ntation is attached to	I and gas exploration and product hazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	e minimum standar us waste as defined waste is non-hazar	ds for waste hazardou l in 40 CFR, part 261, s dous. (Check the appro	s by subpart D, as opriate items):
	KA Hazardous waste			vide description above	)
Driver/ Agent Signature	The state of the first of the	R360 Representativ	e Signature	a photo a state of the state of	
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Customer Approval	100.00				
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<b>Received by OCD: 10/22/2024 8</b> .	33:21 AM Customer: CONOCOPHILLIPS	Ticket #:	700-1537776 Page 68 of 227
	Customer #: CRI2190	Bid #:	O6UJ9A000JEC
PPEO	Ordered by: SAM WIDMER	Date:	3/6/2024
<b>N30</b>	AFE #:	Generator:	CONOCOPHILLIPS
ENVIRONMENTAL	PO #: Manifest #: 17	Generator #:	
SOLUTIONS	Manifest #. 17 Manif. Date: 3/6/2024	Well Ser. #: Well Name:	999908 JAMES A
Permian Basin	Hauler: MCNABB PARTNERS	Well #:	12
Fermian Dasin	Driver JOEL	Field:	
	Truck # M38	Field #:	
	Card # Job Ref #	Rig: County	NON-DRILLING
	300 Kei #	County	
Facility: CRI			
Product / Service		tity Units	and the second second second
Contaminated Soil (RCRA Exer	npt) 1	13.00 yards	
1988 regulatory determination, the al $\underline{X}$ RCRA Exempt: Oil Field wastes	Resource Conservation and Recovery Act (RCRA bove described waste is: s generated from oil and gas exploration and produ- raste which is non-hazardous that does not exceed	iction operations and	are not mixed with non-exempt waste
characteristics established in RCRA amended. The following documenta	THIS IS NOT AN INV	dous waste as defined ed waste is non-hazard dge Other (Prov ive Signature	in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
characteristics established in RCRA amended. The following documenta MSDS InformationRCRA Driver/ Agent Signature Customer Approval	regulations, 40 CFR 261.21-261.24 or listed hazard tion is attached to demonstrate the above-describe Hazardous Waste Analysis Process Knowled R360 Representati THIS IS NOT AN INV	dous waste as defined ed waste is non-hazard dgeOther (Prov ive Signature  OICE!	in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items): ide description above)
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Received by OCD: 10/22/2024 8:3 RB360 ENVIRONMENTAL SOLUTIONS Permian Basin	3:21 AM 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 #	Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #:	
Facility: CRI			
Product / Service	Quan	tity Units	
Contaminated Soil (RCRA Exempt) 10.00 yards			
RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentati	generated from oil and gas exploration and prod ste which is non-hazardous that does not exceed egulations, 40 CFR 261.21-261.24 or listed hazar on is attached to demonstrate the above-describ- hazardous Waste Analysis Process Knowle R360 Representat	the minimum standard dous waste as defined i ed waste is non-hazard edge Other (Provi	s for waste hazardous by n 40 CFR, part 261, subpart D, as bus. (Check the appropriate items):
	and the residuence in the		
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Received by OCD: 10/22/2024 8: RECEIVED AND ADDRESS OF THE SOLUTIONS Permian Basin	33:21 AM Customer: CONOCOPHILLIPS Customer #: CRI2190 Ordered by: COLTON BICKERSTAF AFE #: PO #: Manifest #: 19 Manif. Date: 3/6/2024 Hauler: PORRAZ TRUCKING Driver SERGIO Truck # MS90 Card # Job Ref #	Generator: Generator #: Well Ser. #:	Page 70 of 227 700-1537818 O6UJ9A000JEC 3/6/2024 CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD
Facility: CRI			
Product / Service	Quantity Units		
Contaminated Soil (RCRA Exen	npt)	10.00 yards	
1988 regulatory determination, the ab X RCRA Exempt: Oil Field wastes _ RCRA Non-Exempt: Oil field was characteristics established in RCRA ramended. The following documentat	Resource Conservation and Recovery Act (RC pove described waste is: generated from oil and gas exploration and pr aste which is non-hazardous that does not exce regulations, 40 CFR 261.21-261.24 or listed ha tion is attached to demonstrate the above-desc Hazardous Waste Analysis Process Kno	roduction operations and eed the minimum standard zardous waste as defined ribed waste is non-hazard	are not mixed with non-exempt wasted ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature	R360 Represen	tative Signature	
Sergio Renteria			
Customer Approval		1.1	
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Approved By:	Da	ite: 3.6.2	4

Received by OCD: 10/22/2024 8:3 RECEIVER SOLUTIONS Permian Basin	Customer: Customer #:	CONOCOPHILLIPS CRI2190 SAM WIDMER 20 3/6/2024 AREJ TRUCKING EDGAR 05	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Field: Field #: Rig:	
	Job Ref #		County	NON-DIVIELING
Facility: CRI				
Product / Service	Quantity Units			
Contaminated Soil (RCRA Exem				
Generator Certification Stateme I hereby certify that according to the H 1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentati MSDS Information _ RCRA h	Resource Conserv ove described wa generated from of ste which is non- egulations, 40 CF on is attached to	ration and Recovery Act (RCF ste is: 1 and gas exploration and pro hazardous that does not excee R 261.21-261.24 or listed haza demonstrate the above-descri	duction operations and d the minimum standar ardous waste as defined bed waste is non-hazard	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Received by OCD: 10/22/2024 8:33 RECEIVER ON MENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTEN BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service		Quanti	ity Units	
Contaminated Soil (RCRA Exemp	(RCRA Exempt) 10.00 yards			
X RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentatio _ MSDS Information _ RCRA H	e which is non- gulations, 40 CF n is attached to	nazardous that does not exceed the R 261.21-261.24 or listed hazardo demonstrate the above-described	he minimum standar ous waste as defined I waste is non-hazard	ds for waste hazardous by l in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Customer Approval			1000	
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Received by OCD: 10/22/2024 8:3 RECEIVER ON MENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTEN BICKERSTAFF		700-1537824 O6UJ9A000JEC 3/6/2024 CONOCOPHILLIPS	e 73 of 227
Facility: CRI					
Product / Service		Quantit	y Units	11. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
Contaminated Soil (RCRA Exem	pt)	10	.00 yards		
1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes g _ RCRA Non-Exempt: Oil field wastes g characteristics established in RCRA re amended. The following documentati _ MSDS Information _ RCRA I	generated from or ste which is non- egulations, 40 CF on is attached to	il and gas exploration and product hazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	e minimum standar us waste as defined waste is non-hazard	ds for waste hazardous b in 40 CFR, part 261, sub dous. (Check the appropr	y opart D, as
Driver/ Agent Signature		R360 Representative	e Signature	and the second second	
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Received by OCD: 10/22/2024 8 RECEIVED AND AND AND AND AND AND AND AND AND AN	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 #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field #: Field #: Rig: County	
Facility: CRI			
Product / Service	Quantity	y Units	
Contaminated Soil (RCRA Exe	mpt) 13.	00 yards	
characteristics established in RCRA amended. The following documenta	vaste which is non-hazardous that does not exceed the regulations, 40 CFR 261.21-261.24 or listed hazardou ation is attached to demonstrate the above-described of A Hazardous Waste Analysis Process Knowledge R360 Representative	us waste as defined waste is non-hazard eOther (Prov	in 40 CFR, part 261, subpart D, as
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Received by OCD: 10/22/2024 8:3	3:21 AM Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	COLTON BICKERSTAFFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser, #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	Territoria and	Quantity	/ Units	
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1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentation MSDS Information _ RCRA H	enerated from o ste which is non- gulations, 40 CF on is attached to	il and gas exploration and producti hazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described v	minimum standar s waste as defined waste is non-hazar	l in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Customer Approval			-Marker Street	When the second
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Approved By:		Date:	3-6-2	24

Received by OCD: 10/22/2024 8:33 <b>RECEIVED TO SOLUTIONS</b> Permian Basin	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	0.251	Quantit	y Units	
Contaminated Soil (RCRA Exemp	ot)	10	.00 yards	
X RCRA Exempt: Oil Field wastes g _ RCRA Non-Exempt: Oil field wastes characteristics established in RCRA re- amended. The following documentation _ MSDS Information _ RCRA H Driver/ Agent Signature	te which is non- gulations, 40 CF on is attached to	hazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described	e minimum standar us waste as defined waste is non-hazard e Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Received by OCD: 10/22/2024 8:33 RECEIVER ONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quantity	/ Units	
Contaminated Soil (RCRA Exemp	t)		00 yards	
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<b>Received by OCD: 10/22/2024 8:</b>	33:21 AM Customer:	CONOCOPHILLIPS	Ticket #:	700-1537912 Page 78 of 227
	Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
	Ordered by: AFE #:	COLTON BICKERSTAFF	Date: Generator:	3/6/2024 CONOCOPHILLIPS
	PO #:		Generator #:	이 이 가장 집에서 한 것 것 같아요. 이 가지 않는 것 같아요. 가장하게 하는 것 같아요. 이 가장하게 하는 것 않아요. 이 가장하게 하는 것 않아요. 이 가장하게 것 않아요. 이 가장하게 하는 것 않아요. 이 가 있는 것 않아요. 이 가 않아요. 이 이 가 않아요. 이 가 않아요. 이 이 아요. 이 이 이 이 아요. 이 이 아요. 이 이 아요. 이 이 이 아요. 이 이 아요. 이 이 아요. 이 이 아요. 이 이 이 아요. 이 이 이 아요. 이 이 아요. 이 이 아요. 이 이 이 아요. 이 이 아요. 이 이 이 아요. 이 이 아요. 이 이 이 이 이 아요. 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이
ENVIRONMENTAL SOLUTIONS	Manifest #:	27	Well Ser. #:	999908
	Manif. Date: Hauler:	3/6/2024 JMM SERVICES LLC	Well Name: Well #:	JAMES A WATER FLOOD
Permian Basin	Driver	JAIME	Field:	
	Truck #	01	Field #:	
	Card # Job Ref #		Rig: County	NON-DRILLING
Facility: CRI				
Product / Service		Quanti	ity Units	AND A STREET OF TANKING
Contaminated Soil (RCRA Exem	npt)	10	0.00 yards	
<b>Generator Certification Stateme</b>	ent of Waste Sta	atus	Stars VIII	The second second
RCRA Exempt: On Field Wastes     RCRA Non-Exempt: Oil field wastes     RCRA Non-Exempt: Oil field wastes     ramended. The following documentati     MSDS Information RCRA I  Driver/ Agent Signature  Customer Approval	este which is non-legulations, 40 CF ion is attached to	hazardous that does not exceed the R 261.21-261.24 or listed hazardo demonstrate the above-described	he minimum standar ous waste as defined l waste is non-hazard ge Other (Prov	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Approved By:		Date:		

Received by OCD: 10/22/2024 8 RR360 ENVIRONMENTAL SOLUTIONS 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	Well #: Field: Field #:	999908 JAMES A WATER FLOOD
	Card # Job Ref #	Rig: County	NON-DRILLING
Facility: CRI			
Product / Service	Quantit	y Units	and the second
Contaminated Soil (RCRA Exe	mpt) 13.	.00 yards	
X RCRA Exempt: Oil Field waste	s generated from oil and gas exploration and product	ion operations and	are not mixed with non-exempt wast
characteristics established in RCRA amended. The following document	vaste which is non-hazardous that does not exceed the regulations, 40 CFR 261.21-261.24 or listed hazardou ation is attached to demonstrate the above-described A Hazardous Waste Analysis Process Knowledg R360 Representative	e minimum standar us waste as defined waste is non-hazar e Other (Prov	ds for waste hazardous by 1 in 40 CFR, part 261, subpart D, as
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Received by OCD: 10/22/2024 8:33	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quantity U	nits	
Contaminated Soil (RCRA Exemp	ot)	10.00	yards	
X RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation _ MSDS Information _ RCRA H Driver/ Agent Signature _ Sevgio Chaving	te which is non-h gulations, 40 CFI on is attached to o	azardous that does not exceed the min R 261.21-261.24 or listed hazardous w demonstrate the above-described wast	nimum standard aste as defined e is non-hazard Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
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Approved By:		Date:		

R360 ENVIRONMENTAL SOLUTIONS 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 #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Field: Field #: Rig: County	
Facility: CRI			
Product / Service	Quanti	ity Units	
Contaminated Soil (RCRA Exe	mpt) 13	3.00 yards	
RCRA Non-Exempt: Oil field w characteristics established in RCRA amended. The following document	es generated from oil and gas exploration and product waste which is non-hazardous that does not exceed the regulations, 40 CFR 261.21-261.24 or listed hazardo ation is attached to demonstrate the above-described A Hazardous Waste Analysis Process Knowled	he minimum standar ous waste as defined l waste is non-hazar	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature	R360 Representativ	ve Signature	
Briven Agent Signature	Noou Representativ		
Customer Approval		M	
	THIS IS NOT AN INVO		
	THIS IS NOT AN INVO		

Received by OCD: 10/22/2024 8: RECEIVED AND AND AND AND AND AND AND AND AND AN	Customer #: Ordered by: AFE #: PO #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	115 K	Quanti	ty Units	
Contaminated Soil (RCRA Exer	npt)	10	0.00 yards	
X RCRA Exempt: Oil Field wastes _ RCRA Non-Exempt: Oil field w characteristics established in RCRA amended. The following documenta _ MSDS Information _ RCRA Driver/ Agent Signature Scallo / RehTexta	aste which is non- regulations, 40 CF tion is attached to	hazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	ne minimum standar ous waste as defined l waste is non-hazar ge Other (Prov	1 in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval			Sal The Sta	Asian Asian
	тні	S IS NOT AN INVO	DICE!	
Approved By:		Date: _		
Porraz truckin	9			

Received by OCD: 10/22/2024 8. RECEIVER ON MENTAL SOLUTIONS Permian Basin	Customer: C Customer #: C Ordered by: C AFE #: PO #: Manifest #: C Manif. Date: C Hauler: A Driver E	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	Page 83 of 227 700-1538369 O6UJ9A000JEC 3/7/2024 CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD NON-DRILLING
Facility: CRI				
Product / Service	1.111-11-5100	Quant	ity Units	
Contaminated Soil (RCRA Exer	npt)	1	0.00 yards	
RCRA Non-Exempt: Oil field w characteristics established in RCRA amended. The following documenta MSDS Information RCRA Driver/ Agent Signature	bove described wast generated from oil aste which is non-ha regulations, 40 CFR tion is attached to do	e is: and gas exploration and product zardous that does not exceed t 261.21-261.24 or listed hazard emonstrate the above-described	ction operations and he minimum standar ous waste as defined d waste is non-hazard ge Other (Prov	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Kalage Clocklind				
Edgar Chavina				
Customer Approval	THIS	S IS NOT AN INV		
			DICE!	

Received by OCD: 10/22/2024 8:. RECEIVED BY OCD: 10/22/2024 8:. ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTON BICKERSTAFF		
Facility: CRI				
Product / Service		Quantity U	nits	
Contaminated Soil (RCRA Exen	npt)	10.00	yards	
RCRA Non-Exempt: Oil field wa characteristics established in RCRA r amended. The following documentat	generated from or aste which is non- regulations, 40 CF tion is attached to	il and gas exploration and production hazardous that does not exceed the mi R 261.21-261.24 or listed hazardous w demonstrate the above-described was Analysis Process Knowledge R360 Representative Si	inimum standar vaste as defined te is non-hazard Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval			V	
Approved By:		S IS NOT AN INVOIC	E!	
Porras trucki	9 1			

Received by OCD: 10/22/2024 8:33 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quantit	ty Units	
Contaminated Soil (RCRA Exemp	t)	10	0.00 yards	
X RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentatio _ MSDS Information _ RCRA He Driver/ Agent Signature GSFace Gall	e which is non- ulations, 40 CF n is attached to	hazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	e minimum standar ous waste as defined waste is non-hazaro ge Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval			Ur.	South Contractor
	тні	S IS NOT AN INVO	DICE!	
Approved By:		Date: _		
Aguillas Services				

Received by OCD: 10/22/2024 8:3.	Customer #: Ordered by: AFE #: PO #: Manifest #:	CONOCOPHILLIPS CRI2190 COLTON BICKERSTAFF 35 3/7/2024 JMM SERVICES LLC JAIME 01	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service	trat a serie to	Quanti	ty Units	
Contaminated Soil (RCRA Exem	pt)	10	.00 yards	
_ RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentati _ MSDS Information _ RCRA I Driver/ Agent Signature	ste which is non- egulations, 40 CI on is attached to	hazardous that does not exceed th FR 261.21-261.24 or listed hazardo demonstrate the above-described	e minimum standar ous waste as defined waste is non-hazar ge Other (Pro	I in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval		~	al, Sugar	
	TH	S IS NOT AN INVO	DICE!	
Approved By:		Date:		
JAM Services LI Jaime	LC			

Received by OCD: 10/22/2024 8:	NEW MEXICO NO	)N-HAZARDOUS (		MANIFEST			Page 87 of 22
ENVIRONMENTAL SOLUTIONS		(PLEASE PR	INT) *REQUI	RED INFORMATIO	DN* Phone		
		GENERA	TOR		NO. HW	- 67	6827
Generator Manifest # Generator Name Address	()	Le N Ci	ocation of Origin ease/Well ame & No. ounty Pl No.	Manal	A	(12	
City, State, Zip Phone No			ig Name & No. FE/PO No.				
	Produced Water (No	tion and Amount (plac NATERS on-Injectable) ow Back (Non-Injectable on-Injectable) er/Waste (Non-Injectabl	e volume next to wa		T E&P WASTE STF	REAMS	
Gas Plant Waste	Truck Washout (exe		YES NO	QUANTITY		TOP SOIL	CALICHE
WASTE GENERATION PROCESS:		COMPLETION	PRODUCTI		GATHERING LI	NES	
All non-exempt I Non-Exempt Other	NON-EXE &P waste must be analysed	MPT E&P Waste/Service and be below threshold I	imits for toxicity (TCLF	ount ?), Ignitability, Corrosiv ot from <b>Non-Exempt</b>		ack	
DISPOSAL QUANTITY	B - BARRELS	1.1	IQUID	Y - YARDS	<u>)</u>	E - E/	асн
40 CFR 2 waste as MSDS In EMERGENCY NON-OILFIELD Emergen	waste which is non-hazardous 61.21-261.24, or listed hazarc non-hazardous is attached. ( formation cy non-hazardous, non-oilfield ation and a description of the	lous waste as defined by Check the appropriate ite RCRA Hazard d waste that has been or	40 CFR, part 261, sub ems as provided) dous Waste Analysis dered by the Departme	part D, as amended. Ti	he following docur	mentation der le Description	nonstrating the Below)
(PRINT) AUTHORIZED AGENTS SIGN	ATURE	DATE			SIGNATURE		
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) w	as/were picked up at the Ger	Pi	river's Name rint Name hone No uck No	t incident to the dispos	sal facility listed b		
TRUCK TIME STAMP		DISPOSAL F	ACILITY	Name/No	RECEIVING	AREA -	28
Site Name/ Permit No. Address <b>6601 Hobbs Hwy US 62/1</b>	<b>IM1-006</b> 80 Mile Marker 66 Carlsbad	, NM 88220	hone No.	575-887-6504			
NORM READINGS TAKEN?			YES, was reading >	50 micro roentgent	s? (Circle One)	YES	NO
PASS THE PAINT FILTER TEST?	(Circle One) YES	NO					
Released to Imaging: 11/22/2024	the second s	TANK BOT	TOMS				
Feet	Inches						

Received by OCD: 10/22/2024 8:33 RECEIVED BY OCD: 10/22/2024 8:33 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	- San Ba	Quan	tity Units	
Contaminated Soil (RCRA Exemp	t)	i de la companya de l	10.00 yards	
1988 regulatory determination, the abov <u>X</u> RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentation _ MSDS Information _ RCRA Ha Driver/ Agent Signature	nerated from of e which is non-l ulations, 40 CF n is attached to	il and gas exploration and produ hazardous that does not exceed R 261.21-261.24 or listed hazard demonstrate the above-described	the minimum standard dous waste as defined ed waste is non-hazard edge Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval		in and set of the set	101	
	тні	S IS NOT AN INV	OICE	-
Approved By:		Date:		

Received by	OCD: 10/22/2024 8:33:2	NEW MEXICO NON-HAZAF	RDOUS OILFIELD	WASTE MA	NIFEST	Company Man C	Pase 1819 of 227
R360	>		ASE PRINT)		INFORMATION*	Name	
ENVIRONMENTAL SOLUTIONS				The Composition		Phone No	
		GEI	VERATOR		NO.	HW- 67	6825
Generator Manifest #	#		Location of Lease/Well	Origin		0 010	,
Generator Name	$(C \cap O)$	0	Name & No	. Y	mes	FICI2	
Address			County	-			
City, State, Zip			API No. Rig Name &	No			
Phone No.			AFE/PO No.			a the second	
	EXEMPT E&P Was	ste/Service Identification and Amo	ount (place volume r				
Oil Based Muds Oil Based Cuttings		NON-INJECTABLE WATERS Washout Water (Non-Injectable)			OTHER EXEMPT E&P WA	ASTE STREAMS	
Waste Based Muds Water Based Cutting	IS	<ul> <li>Completion Fluid/Flow Back (Non Produced Water (Non-Injectable)</li> </ul>	-Injectable)				2 - 2 - 2
Produced Formation Tank Bottoms	Solids	- Gathering Line Water/Waste (No	n-Injectable)			50	
E&P Contaminated S Gas Plant Waste		INTERNAL USE ONLY Truck Washout (exempt waste)	YES	NO	TOP SOIL & CALICHE SAL QUANTITY	TOP SOIL	CALICHE
WASTE GENERATI	ON PROCESS: DRILL			RODUCTION		RING LINES	
		NON-EXEMPT E&P Was			and the second		
N. 5. 101	All non-exempt E&P w	vaste must be analysed and be below	threshold limits for to:	xicity (TCLP), Ignit	A set of the set of th	10 1 N. 1 1 1 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Non-Exempt Other			^^p	lease select tro	m Non-Exempt Waste I		
DISPOSAL QUANTIT		B - BARRELS	L - LIQUID		Y - YARDSI	E - E,	
	he above listed material(s), is (are) r roper condition for transportation a	not hazardous waste as defined by 40 coording to applicable regulation.	CFR Part 261 or any ap	oplicable state la	w. That each waste has b	een properly describe	d, classified and
RCRA EXEMPT	f: Oil field waste per load basis	s generated from oil and gas explorat	ion and production ope	eration and are n	ot mixed with non-exempt	t waste (R360 Accepts	s certifications on a
RCRA NON-EX	EMPT: Oil field waste	which is non-hazardous that does no					
		-261.24, or listed hazardous waste as hazardous is attached. (Check the app			as amended. The followi	ng documentation der	monstrating the
	MSDS Informa		CRA Hazardous Waste			er (Provide Description	
EMERGENCY I		n-hazardous, non-oilfield waste that h and a description of the waste must a		e Department of I	Public Safety (the order, d	ocumentation of non-l	hazardous waste
	(PRINT) AUTHORIZED AGENTS SIGNATURE	TDAL	DATE <b>VSPORTER</b>		SIGNATUR	5	
Transporter's	AL SUS S	ervices us			Shun 6	Data	
Name Address	Heren -	Pervicer Les	Driver's Nar Print Name	ne Ka	JANO D	12.00	
Phone No.	·		Phone No.				
Transporter Ticket #		ere picked up at the Generator's site li	- Truck No.		f	Listed below	
тпетеру сентту шас и	ne above nameu materiai(s) was/we	ere pickeu up at the denerator's site n	steu auove and denve	rea without more	ent to the disposal facility	Insteu below.	
SHIPMENT DA		DRIVER'S SIGNATURE		ERY DATE		DRIVER'S SIGNATURE	
I RI IN:	UCK TIME STAMP OUT:	DISPOS	SAL FACILIT		RECEN Jame/No	VING AREA	28
Site Name/	Halfman Engility / NIM4	000		E7E 0	07 0504		
Permit No. Address	Halfway Facility / NM1 6601 Hobbs Hwy US 62 / 180 Mi	le Marker 66 Carlsbad, NM 88220	Phone No.	<u>5/5-8</u>	87-6504	···	
1	NORM READINGS TAKEN? (Circ	le One) YES NO	If YES, was	reading > 50 m	icro roentgents? (Circle	One) YES	NO
PASS	S THE PAINT FILTER TEST? (Circ	le One) YES NO					
		TANK	BOTTOMS				
st Guage	Feet	Inches	_	PS914/051.0.5			
2nd Guage				BS&W/BBLS R	eceived Water	BS&W (%)	
Received					eceived		
hereby certify that the	e above load material has been (circ	le one): ACCEPTED	DENIED	If denied,	why?		
Released to 1	maging: 11/22/2024 7:5	D1:22 AM DATE	400	LE	. PUNAL	MDD-F/	
2-138	0.0					SIGNATURE	

Received by OCD: 10/2	2/2024 8:33:21 AM Nevy N	MEXICO NON-HAZAI	RDOUS OILFIELD V	VASTE MANIFES	ST	Company Man Co	Page 90 of 227
R360		(PL	EASE PRINT) *	REQUIRED INFOR	MATION*	Name Phone No	
SOLUTIONS		GE	NERATOR				6830
Generator Manifest #		UL	Location of Or	igin	NU. J	100- 00	0000
Generator Name	000		Lease/Well Name & No. County API No.	Tan	VES H	(12	
City, State, Zip			Rig Name & N AFE/PO No.	io.			
	EXEMPT E&P Waste/Servi	ce Identification and Am INJECTABLE WATERS	and the second se		errels or cubic ya EXEMPT E&P WAS		
Oil Based Cuttings Waste Based Muds Water Based Cuttings Produced Formation Solids	Wasi Comp Produ	out Water (Non-Injectable) oletion Fluid/Flow Back (Nor iced Water (Non-Injectable) ering Line Water/Waste (No	i-Injectable)			IL STILANO	
Tank Bottoms E&P Contaminated Soil Gas Plant Waste		RNAL USE ONLY Washout (exempt waste)	YES		IL & CALICHE SALE	S TOP SOIL	CALICHE
WASTE GENERATION PROCESS			100 March 1	DUCTION	en de la	NG LINES	CALICIL
A	I non-exempt E&P waste mus	NON-EXEMPT E&P Was t be analysed and be below	ste/Service Identification threshold limits for toxic	and Amount ity (TCLP), Ignitability,	Corrosivity adn Rea	ctivity.	
Non-Exempt Other				se select from <b>Non</b> -	and the second se	NAME AND ADDRESS OF TAXABLE PARTY.	
DISPOSAL QUANTITY	В -	BARRELS	L - LIQUID	Y -	YARDS	E - E/	ACH
RCRA EXEMPT: RCRA NON-EXEMPT: EMERGENCY NON-OILFIELD	per load basis only) Oil field waste which is 40 CFR 261.21-261.24, c waste as non-hazardous MSDS Information Emergency non-hazardo	ed from oil and gas explorat non-hazardous that does no or listed hazardous waste as s is attached. (Check the app R us, non-oilfield waste that h ccription of the waste must	t exceed the minimum st defined by 40 CFR, part 3 ropriate items as provide CRA Hazardous Waste Ar as been ordered by the D	andards for waste haz 261, subpart D, as ame d) nalysis	ardous by character ended. The following	istics established in g documentation der (Provide Description	RCRA regulations, monstrating the n Below)
(PRINT) AUTHORI	ZED AGENTS SIGNATURE	-	DATE		SIGNATURE		
Transporter's	A Services	LLC	NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered	V OL	e Morcula		
SHIPMENT DATE	DRIVER'S S	IGNATURE	DELIVER	/ DATE	DF	RIVER'S SIGNATURE	
TRUCK TIME S	Stamp Jt:	DISPOS	SAL FACILITY	Name,		ING AREA	28
	Facility / NM1-006 Hwy US 62 / 180 Mile Marke	r 66 Carlsbad, NM 88220	Phone No.	575-887-65	04		
	NGS TAKEN? (Circle One) FILTER TEST? (Circle One)	YES NO YES NO	If YES, was re	ading > 50 micro roe	entgents? (Circle (	One) YES	NO
Feet		TANK	BOTTOMS				
1st Guage 2nd Guage Received			B	S&W/BBLS Receive Free Wate Total Receive	er	BS&W (%)	
Released to Immigring: 1		ACCEPTED			NAVALI	-(+) SIGNATURE	
C-138							

Received by OCD: 10/22/2024 8:33.		Custo Custo Order AFE # PO #: Manif	omer: C omer#: C red by: C #: est #: 4 . Date: 3 er: N r Ju # M	CONOCOPHILLIPS CRI2190 COLTON BICKERSTAFF 40 3/7/2024 MCNABB PARTNERS JOEL M38			Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	999908			
Facility: CRI											
Product / Serv	vice	Sec. 20		-		Q	uantity U	nits	10000	Thursday.	E.
Contaminated	Soil (R	CRA Exem	npt)				13.00				
	Cell	рH	CI	Cond.	%Solids	TDS	PCI/GN		H2S	% Oil	Maight
Lab Analysis:	121, 22, 23, 24	0.00	0.00	0.00	0	103	FCI/GIV	1.00	H23	76 OII	Weight
Generator Cer	rtificatio	on Stateme	ent of Wa	ste Statu	IS		2				1.7.4
I hereby certify f 1988 regulatory X RCRA Exer RCRA Non- characteristics es amended. The f MSDS Infor	determin npt: Oil F -Exempt: stablishec following	ation, the ab Field wastes Oil field wa d in RCRA r documentat	ove descr generated aste which regulations ion is atta	ibed waste from oil a is non-haz s, 40 CFR 2 ched to det	is: nd gas explora ardous that do 261.21-261.24 o monstrate the a	tion and p es not exc or listed h bove-des	production ceed the mi azardous w cribed was	operations and nimum standar aste as defined te is non-hazard	are not mix ds for waste in 40 CFR, lous. (Chec	ed with no hazardous part 261, s k the appro	n-exempt waste s by subpart D, as opriate items):
Driver/ Agent	Signatu	re			R360 I	Represe	ntative Si	gnature		1. 20	6 T

## THIS IS NOT AN INVOICE!

Approv	ed By:
--------	--------

**Customer Approval** 

Date:

1

	21 AM			Page 92 of 227
	Customer:	CONOCOPHILLIPS	Ticket #:	700-1538489
<b>D</b> -200	Customer #:	COLTON BICKERSTAFF	Bid #:	O6UJ9A000JEC
	AFE #:	COLION BICKERSTAFF	Date: Generator:	3/7/2024 CONOCOPHILLIPS
	PO #:		Generator #:	· 11. · 11.
ENVIRONMENTAL SOLUTIONS	Manifest #:	41	Well Ser. #:	
	Manif. Date:		Well Name:	JAMES A
Permian Basin	Hauler: Driver	TRUCKING SERVICES PORRA: SERGIO		12
	Truck #	MS90	Field: Field #:	
	Card #		Rig:	NON-DRILLING
	Job Ref #		County	
Facility: CRI				77
Product / Service		Quantity U	nits	
Contaminated Soil (RCRA Exemp	t)	10.00	yards	
Generator Certification Statement	of Waste Sta	atus		
I hereby certify that according to the Re	source Conserv	ation and Recovery Act (RCRA) and	the US Enviro	mental Protection Agency's July
1988 regulatory determination, the abov	e described was	ste is:		
X RCRA Exempt: Oil Field wastes ge	nerated from oi	l and gas exploration and production of	operations and	are not mixed with non-exempt wast
_ KCKA Non-Exempt: Oil field waste	e which is non-h	azardous that does not exceed the min	nimum standard	is for waste hazardous by
characteristics established in RCRA reg	ulations, 40 CFI	R 261.21-261.24 or listed hazardous wa	aste as defined	in 40 CFR, part 261 subpart D as
	a is attached to	demonstrate the above-described wast	e is non-hazard	ous (Check the appropriate items):
amended. The following documentation	T is attached to a		c is non-nazaru	ous. (Check the appropriate items).
MSDS Information RCRA Ha	azardous Waste	Analysis _ Process Knowledge	_ Other (Prov	ide description above)
amended. The following documentation	azardous Waste	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov	ide description above)
MSDS InformationRCRA Ha	I attached to a azardous Waste	Analysis _ Process Knowledge	_ Other (Prov	ide description above)
MSDS InformationRCRA Ha	/ A	Analysis _ Process Knowledge	_ Other (Prov	ide description above)
Driver/ Agent Signature Sergio RenTer	LA	Analysis _ Process Knowledge	Other (Prov	ide description above)
Interfollowing documentation         MSDS Information         RCRA Ha         Driver/ Agent Signature         Sergio         RenTer         Customer Approval	La THIS	Analysis _ Process Knowledge	Other (Prov	ide description above)
Interfollowing documentation         MSDS Information         RCRA Ha         Driver/ Agent Signature         Sergio         RenTer         Customer Approval	La THIS	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov gnature E!	ide description above)
<u>MSDS Information</u> _ RCRA Ha Driver/ Agent Signature <u>Sergio</u> <u>RenTer</u>	La THIS	Analysis _ Process Knowledge R360 Representative Sig	Other (Prov	ide description above)
Interfollowing documentation         MSDS Information         RCRA Ha         Driver/ Agent Signature         Sergio         RenTer         Customer Approval	La THIS	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov gnature E!	ide description above)
Interfollowing documentation         MSDS Information         RCRA Ha         Driver/ Agent Signature         Sergio         RenTer         Customer Approval	La THIS	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov gnature E!	ide description above)
Interfollowing documentation         MSDS Information         RCRA Ha         Driver/ Agent Signature         Sergio         RenTer         Customer Approval	La THIS	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov gnature E!	ide description above)
Interfollowing documentation         MSDS Information         RCRA Ha         Driver/ Agent Signature         Sergio         RenTer         Customer Approval	La THIS	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov gnature E!	ide description above)
Interfollowing documentation         MSDS Information         RCRA Ha         Driver/ Agent Signature         Sergio         Renter         Customer Approval	La THIS	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov gnature E!	ide description above)
Interfollowing documentation         MSDS Information         RCRA Ha         Driver/ Agent Signature         Sergio         Renter         Customer Approval	La THIS	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov gnature E!	ide description above)
Interfollowing documentation         MSDS Information         RCRA Ha         Driver/ Agent Signature         Sergio         RenTer         Customer Approval	La THIS	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov gnature E!	ide description above)
<u>MSDS Information</u> _ RCRA Ha Driver/ Agent Signature <u>Serg/o</u> <u>RenTer</u> Customer Approval	La THIS	Analysis _ Process Knowledge R360 Representative Sig	_ Other (Prov gnature E!	ide description above)

Received by OCD: 10/22/2024 8:33 <b>RECEIVER OF CONTROL</b> ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card #	COLTON BICKERSTAFF	Well #: Field: Field #: Rig:	
Facility: CRI	Job Ref #		County	
Product / Service		Quantity U	nite	
Contaminated Soil (RCRA Exemp	ot)	10.00		
X RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentatio _ MSDS Information _ RCRA H	te which is non-h gulations, 40 CFI in is attached to o	nazardous that does not exceed the mi R 261.21-261.24 or listed hazardous w demonstrate the above-described wast	nimum standard aste as defined e is non-hazard	ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Driver/ Agent Signature		R360 Representative Sig	gnature	For Contraction and
Customer Approval			h	LINS OF
	THIS	S IS NOT AN INVOIC	E!	
Approved By:		Date:		

Received by OCD: 10/22/2024 8:33	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quantity	/ Units	A REAL PROPERTY OF
Contaminated Soil (RCRA Exemp	ot)	10.1	00 yards	
X RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field wastes characteristics established in RCRA reg amended. The following documentatio _ MSDS Information _ RCRA H Driver/ Agent Signature	e which is non-h gulations, 40 CF n is attached to o	nazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described v	minimum standard s waste as defined vaste is non-hazard c Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
			1.1	
Customer Approval			14-	
	THIS	S IS NOT AN INVO	ICE!	
Approved By:		Date:		

Received by OCD: 10/22/2024 8:33 RECEIVED AND AND AND AND AND AND AND AND AND AN	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service	111	Quant	ity Units	and the second second
Contaminated Soil (RCRA Exemp	ot)		0.00 yards	
Generator Certification Statemer I hereby certify that according to the R 1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentation MSDS Information _ RCRA H	esource Conserv ve described wa enerated from oi te which is non-l gulations, 40 CF on is attached to	ation and Recovery Act (RCRA ste is: l and gas exploration and produc nazardous that does not exceed t R 261.21-261.24 or listed hazard demonstrate the above-described Analysis Process Knowled	ction operations and he minimum standar ous waste as defined I waste is non-hazard ge Other (Prov	are not mixed with non-exempt wasted ds for waste hazardous by in 40 CFR, part 261, subpart D, as
Driver/ Agent Signature		R360 Representativ	ve Signature	
Customer Approval				
	тн	S IS NOT AN INVO	DICE!	
Approved By:		Date:		

Received by OCD: 10/22/2024 8:. RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service	Part Marke	Quantity	y Units	
Contaminated Soil (RCRA Exen	npt)	10.	00 yards	
RCRA Non-Exempt: Oil field wastes _ RCRA Non-Exempt: Oil field was characteristics established in RCRA r amended. The following documentat _ MSDS Information _ RCRA Driver/ Agent Signature	aste which is non-hare egulations, 40 CFR ion is attached to d	azardous that does not exceed the 2 261.21-261.24 or listed hazardou lemonstrate the above-described v	e minimum standar us waste as defined waste is non-hazard e Other (Prov	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
		(	N -	
Customer Approval	39830		N	- Hand Martin
	THIS	S IS NOT AN INVO	ICE!	
Approved By:		Date:		

<b>Received by OCD: 10/22/2024 8:3</b>	Customer:	CONOCOPHILLIPS	Ticket #:	700-1538787 Page 97 of 227
	Customer #:		Bid #:	O6UJ9A000JEC
PEIMO		SAM WIDMER	Date:	3/8/2024
	AFE #: PO #:		Generator:	CONOCOPHILLIPS
ENVIRONMENTAL		46	Generator #:	40946 999908
SOLUTIONS	Manif. Date:			JAMES A WATER FLOOD
Barria Barla		MCNABB PARTNERS	Well #:	SAMES A WATER FLOOD
Permian Basin		JOEL	Field:	
	Truck #	M 38	Field #:	
	Card #		Rig:	NON-DRILLING
	Job Ref #		County	
Facility: CRI				
Product / Service	a good	Quan	tity Units	
Contaminated Soil (RCRA Exem	ipt)	1	13.00 yards	
Generator Certification Stateme	nt of Waste Sta	tus		
I hereby certify that according to the I	NAME OF TAXABLE PARTY OF TAXABLE PARTY.		) and the LIS Enviro	nmental Protection Agency's July
1988 regulatory determination, the ab X RCRA Exempt: Oil Field wastes RCRA Non-Exempt: Oil field wastes characteristics established in RCRA r amended. The following documentat MSDS Information _ RCRA	generated from oil ste which is non-h egulations, 40 CFF ion is attached to c	and gas exploration and produ azardous that does not exceed & 261.21-261.24 or listed hazard lemonstrate the above-describe	the minimum standard dous waste as defined d waste is non-hazard	in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Driver/ Agent Signature		R360 Representati	ve Signature	
		/	90	
Customer Approval			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
	THIS	S IS NOT AN INV	OICE	
			OIGE.	
Approved By:		Date:		
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Approved By:		Date:		
Approved By:		Date:		
Approved By:		Date:		
Approved By:		Date:		

Received by OCD: 10/22/2024 8:33	Customer #:	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	L. Harriste	Qua	ntity Units	
Contaminated Soil (RCRA Exemp	t)		18.00 yards	
I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentatio MSDS Information RCRA H	ve described wa enerated from oi e which is non-l gulations, 40 CF n is attached to	ste is: I and gas exploration and pro- nazardous that does not excee R 261.21-261.24 or listed haza demonstrate the above-descril	duction operations and d the minimum standar rdous waste as defined bed waste is non-hazard	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature		R360 Representa	tive Signature	
Customer Approval		- /		
	THI	S IS NOT AN INV	OICE!	
Approved By:		Date		

Received by OCD: 10/22/2024 8:	Customer: CONOCOPHILLIPS	Ticket #:	
<b>R360</b>	Customer #: CRI2190	Bid #:	700-1538798 Page 99 0J 227 O6UJ9A000JEC
-5 <b>6</b>	Ordered by: SAM WIDMER	Date:	3/8/2024
	AFE #:	Generator:	CONOCOPHILLIPS
	PO #:	Generator #:	
ENVIRONMENTAL	Manifest #: 48	Well Ser. #:	
SOLUTIONS	Manif. Date: 3/8/2024	Well Name:	JAMES A WATER FLOOD
Permian Basin	Hauler: MCNABB PARTNERS	Well #:	
	Driver MANUEL	Field:	
	Truck # M33 Card #	Field #: Rig:	NON-DRILLING
	Card # Job Ref #	County	NON-DIVIELING
	JOD REF#	County	
Facility: CRI			
Product / Service	Quan	ntity Units	2 - Carlos -
Contaminated Soil (RCRA Exer	mpt)	14.00 yards	
	P G I IP A (BCP	A) and the HIC Fasting	animantal Distantion Aganavia hulu
1988 regulatory determination, the a <u>X</u> RCRA Exempt: Oil Field wastes <u>RCRA Non-Exempt: Oil field w</u> characteristics established in RCRA amended. The following documenta	e Resource Conservation and Recovery Act (RCR.) bove described waste is: s generated from oil and gas exploration and prod vaste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24 or listed hazar ation is attached to demonstrate the above-describ A Hazardous Waste Analysis Process Knowle R360 Representat	Luction operations and I the minimum standar rdous waste as defined red waste is non-hazar edgeOther (Pro	l are not mixed with non-exempt waster rds for waste hazardous by d in 40 CFR, part 261, subpart D, as rdous. (Check the appropriate items):
1988 regulatory determination, the a <u>X</u> RCRA Exempt: Oil Field wastes _ RCRA Non-Exempt: Oil field w characteristics established in RCRA amended. The following documenta _ MSDS Information _ RCRA Driver/ Agent Signature	bove described waste is: s generated from oil and gas exploration and prod vaste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24 or listed hazar ation is attached to demonstrate the above-describ A Hazardous Waste Analysis Process Knowle	uction operations and the minimum standar dous waste as defined ed waste is non-hazar edgeOther (Pro tive Signature	l are not mixed with non-exempt waster rds for waste hazardous by d in 40 CFR, part 261, subpart D, as rdous. (Check the appropriate items):

Received by OCD: 10/22/2024 8: RB360 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: CC Customer #: CI Ordered by: S/ AFE #: PO #: Manifest #: 49 Manif. Date: 3/ Hauler: M Driver Al	AM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1538799 Page 100 of 227 OGUJ9A000JEC 3/8/2024 CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD NON-DRILLING
Facility: CRI				
Product / Service			tity Units	
Contaminated Soil (RCRA Exer	npt)		16.00 yards	
RCRA Non-Exempt: Oil field w characteristics established in RCRA amended. The following documenta MSDS Information RCRA Driver/ Agent Signature	s generated from oil a vaste which is non-haz regulations, 40 CFR	and gas exploration and prod zardous that does not exceed 261.21-261.24 or listed hazar monstrate the above-describ	the minimum standar rdous waste as defined ed waste is non-hazar edge Other (Pro	d in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval				
	THIS	IS NOT AN INV	OICE!	
Approved By:		Date		

Received by OCD: 10/22/2024 8 RB3600 ENVIRONMENTAL SOLUTIONS 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 #	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig:	999908
	Job Ref #	County	
Facility: CRI			*
Product / Service	Quañ	tity Units	
Contaminated Soil (RCRA Exe	mpt)	10.00 yards	
RCRA Non-Exempt: Oil field v characteristics established in RCRA amended. The following document	s generated from oil and gas exploration and produvaste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24 or listed hazardation is attached to demonstrate the above-described Hazardous Waste Analysis Process Knowle R360 Representation	the minimum standar dous waste as defined ed waste is non-hazar dge Other (Prov ive Signature	ds for waste hazardous by l in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
	THIS IS NOT AN INV	OICE!	
Approved By:	Date:		

Received by OCD: 10/22/2024 8:33 <b>IPERSONAL</b> ENVIRONMENTAL SOLUTIONS Permian Basin Facility: CRI	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	COLTEN BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	999908
Product / Service	141. S	Quant	ity Units	
Contaminated Soil (RCRA Exemp	t)		0.00 yards	
X RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentatio _ MSDS Information _ RCRA H Driver/ Agent Signature	e which is non- gulations, 40 CF n is attached to	hazardous that does not exceed t R 261.21-261.24 or listed hazard demonstrate the above-described	he minimum standar lous waste as defined d waste is non-hazar dge Other (Pro	rds for waste hazardous by d in 40 CFR, part 261, subpart D, as rdous. (Check the appropriate items):
Edgar choving		- M	1	
Customer Approval		2		and the second of the second
	тн	S IS NOT AN INV	OICE!	
Approved By:	. 4	Date:		

Received by OCD: 10/22/2024 8 RECEIVED AND AND AND AND AND AND AND AND AND AN	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	SIM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1538801 Page 103 of 227 OGUJ9A000JEC 3/8/2024 CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD NON-DRILLING
Facility: CRI				
Product / Service	1.1.1		ntity Units	
Contaminated Soil (RCRA Exe	mpt)		10.00 yards	
RCRA Non-Exempt: Oil field v	vaste which is non regulations, 40 C ation is attached to	-hazardous that does not exceed FR 261.21-261.24 or listed hazar demonstrate the above-describ	d the minimum standa rdous waste as define- bed waste is non-hazar edge Other (Pro	rdous. (Check the appropriate items):
	тн	IS IS NOT AN INV	OICE!	
Approved By:		Date	:	

Received by OCD: 10/22/2024 8:33 RECEIVER OF THE SOLUTIONS Permian Basin	Customer #:	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Qua	ntity Units	
Contaminated Soil (RCRA Exemp	vt)		13.00 yards	
Generator Certification Statemen I hereby certify that according to the R 1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field wastes characteristics established in RCRA reg amended. The following documentation MSDS Information _ RCRA H	esource Conserve described wa enerated from o te which is non- gulations, 40 CF	vation and Recovery Act (RCF aste is: il and gas exploration and pro hazardous that does not excee FR 261.21-261.24 or listed haza demonstrate the above-descri	duction operations and d the minimum standar ardous waste as defined bed waste is non-hazar	l are not mixed with non-exempt wast rds for waste hazardous by d in 40 CFR, part 261, subpart D, as rdous. (Check the appropriate items):
Driver/ Agent Signature	1	R360 Representa	ative Signature	
Customer Approval				
	TH	IS IS NOT AN IN	VOICE!	
Approved By:		Date	e:	

<b>Received by OCD: 10/22/2024 8</b> .	:33:21 AM Customer:	CONOCOPHILLIPS	Ticket #:	700-1539677 Page 105 of 227
/	Customer #:		Bid #:	O6UJ9A000JEC
noco	Ordered by:		Date:	3/11/2024
F.501	AFE #:		Generator: Generator #:	CONOCOPHILLIPS
ENVIRONMENTAL	PO #: Manifest #:	54	Well Ser. #:	
SOLUTIONS	Manif. Date:	3/11/2024	Well Name:	
Permian Basin	Hauler: Driver	MCNABB PARTNERS GUMER	Well #: Field:	
	Truck #	M90	Field #:	
	Card #		Rig:	NON-DRILLING
	Job Ref #		County	
Facility: CRI				
Product / Service			ty Units	and the second second
Contaminated Soil (RCRA Exe	empt)	18	3.00 yards	
Generator Certification Statem	nent of Waste St	atus		and the state of the second
I hereby certify that according to the	e Resource Conser	vation and Recovery Act (RCRA)	and the US Enviro	onmental Protection Agency's July
1988 regulatory determination the	above described wa	aste is:		
V DCDA Exampt: Oil Field waste	es generated from c	il and gas exploration and produc	tion operations and	are not mixed with non-exempt waste
PCPA Non Evennt: Oil field y	waste which is non-	hazardous that does not exceed the	ne minimum standa	rds for waste hazardous by
characteristics established in RCRA	regulations 40 Cl	FR 26121-26124 or listed hazardo	ous waste as defined	in 40 CFR, part 201, subpart D, as
amended. The following document	tation is attached to	demonstrate the above-described	waste is non-hazai	dous. (Check the appropriate items):
MSDS InformationRCR.	A Hazardous Wast	e Analysis _ Process Knowledg	ge _ Other (Pro	vide description above)
Driver/ Agent Signature		R360 Representativ	e Signature	/
Lumy Rdz			1 m	
Customer Approval	2.5.3		Ч	
	тн	IS IS NOT AN INVO	DICE!	
A second Day		Date:		
Approved By:		Bate		

Received by OCD: 10/22/2024 8:3 RECEIVED AND AND AND AND AND AND AND AND AND AN	Customer #:	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well %: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Qua	ntity Units	
Contaminated Soil (RCRA Exem	pt)		16.00 yards	
I hereby certify that according to the R 1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentation MSDS Information _ RCRA H	ove described was generated from o ste which is non- gulations, 40 CF on is attached to	iste is: il and gas exploration and proc hazardous that does not exceed R 261.21-261.24 or listed haza demonstrate the above-describ	duction operations and d the minimum standar rdous waste as defined bed waste is non-hazard	are not mixed with non-exempt waster rds for waste hazardous by l in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature		R360 Representa	tive Signature	
Customer Approval				
	тні	S IS NOT AN INV	OICE!	
Approved By:		Date		

Received by OCD: 10/22/2024 8:33	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service		Quar	tity Units	
Contaminated Soil (RCRA Exempt) 16.00 yards				
I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentatio MSDS Information _ RCRA H Driver/ Agent Signature MSDS Information _ RCRA H Driver/ Agent Signature MSDS Mathematical Action (Customer Approval)	ve described wa enerated from o e which is non- gulations, 40 CF n is attached to	aste is: il and gas exploration and prod hazardous that does not exceed R 261.21-261.24 or listed hazar demonstrate the above-describ	uction operations and the minimum standar dous waste as defined ed waste is non-hazar edge Other (Prov	are not mixed with non-exempt waster rds for waste hazardous by I in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Approved By:		Date		h

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R360 ENVIRONMENTAL SOLUTIONS 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 #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County			
Facility: CRI					
Product / Service	ervice Quantity Units				
Contaminated Soil (RCRA Exe	mpt)	18.00 yards			
1988 regulatory determination, the a	s generated from oil and gas exploration and produced	uction operations and	are not mixed with non-exempt wast		
RCRA Non-Exempt: Oil field v characteristics established in RCRA amended. The following document	vaste which is non-hazardous that does not exceed a regulations, 40 CFR 261.21-261.24 or listed hazar ation is attached to demonstrate the above-describe A Hazardous Waste Analysis Process Knowle R360 Representat	the minimum standar dous waste as defined ed waste is non-hazar edgeOther (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):		
RCRA Non-Exempt: Oil field v characteristics established in RCRA amended. The following document MSDS Information RCRA	vaste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24 or listed hazar ation is attached to demonstrate the above-describe A Hazardous Waste Analysis Process Knowle	the minimum standar dous waste as defined ed waste is non-hazar edgeOther (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):		
RCRA Non-Exempt: Oil field v characteristics established in RCRA amended. The following document MSDS Information RCRA Driver/ Agent Signature	vaste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24 or listed hazar ation is attached to demonstrate the above-describe A Hazardous Waste Analysis Process Knowle	the minimum standar dous waste as defined ed waste is non-hazar edgeOther (Prov tive Signature	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):		

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Received by OCD: 10/22/2024 8:33	Customer #:	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Qui	antity Units	
Contaminated Soil (RCRA Exemp	t)		10.00 yards	
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information _ RCRA Ha Driver/ Agent Signature	source Conserv e described wa nerated from o e which is non- ulations, 40 CF n is attached to	vation and Recovery Act (RC ste is: il and gas exploration and pro hazardous that does not excer R 261.21-261.24 or listed haz demonstrate the above-descr	oduction operations and ed the minimum standar zardous waste as defined ibed waste is non-hazard vledge Other (Prov	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval	тні	S IS NOT AN IN	VOICE!	
Approved By:		Dat	te:	

Image: Contrast solutions       Current of the contrast solution of the contrecont solution of the contrast solution of the contrec	ustomer: ustomer #: rdered by: FE #: D #: anifest #: anif. Date: auler: river uck # ard # b Ref # <b>Waste Sta</b> rce Conserver escribed wa ated from oi hich is non-l tions, 40 CF attached to	COLTON BICKERSTAF	F Da Ge Ge We We Fie Fie Rig Cou uantity Units 10.00 yard CRA) and the production oper ceed the minimu	enerator: enerator #: ell Ser. #: ell Name: ell #: eld: eld #: g: ounty s ds US Enviro rations and um standard	999908 JAMES A WATER FLOOD NON-DRILLING nmental Protection Agency's July are not mixed with non-exempt waste
Friedback       Order         ENVIRONMENTAL       SOLUTIONS         ENVIRONMENTAL       SOLUTIONS         Permian Basin       Ma         Permian Basin       Ma         Product / Service       Drive         Contaminated Soil (RCRA Exempt)       Generator Certification Statement of V         I hereby certify that according to the Resour       1988 regulatory determination, the above de         X RCRA Exempt: Oil Field wastes genera       RCRA Non-Exempt: Oil field waste wh         characteristics established in RCRA regulati       amended. The following documentation is a         MSDS Information       _ RCRA Hazard	rdered by: FE #: O #: anifest #: anif. Date: auler: river uck # ard # b Ref # b Ref # waste Sta rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	COLTON BICKERSTAF	F Da Ge Ge We We Fie Fie Rig Cou uantity Units 10.00 yard CRA) and the production oper ceed the minimu	enerator: enerator #: ell Ser. #: ell Name: ell #: eld #: g: ounty s ds US Enviro rations and um standard	3/11/2024 CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD NON-DRILLING nmental Protection Agency's July are not mixed with non-exempt waste
AF PO ENVIRONMENTAL SOLUTIONS Permian Basin Permian Basin Permian Basin Product / Service Contaminated Soil (RCRA Exempt) Generator Certification Statement of V I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a MSDS Information _ RCRA Hazard Driver/ Agent Signature Edgac Chavica	E #: D #: anifest #: anif. Date: auler: iver uck # ard # b Ref # <b>Waste Sta</b> rce Conservert escribed wa ated from oi hich is non-l tions, 40 CF attached to	NA 3/11/2024 AR & J TRUCKING EDGAR 05 Q atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	Ge Ge We We Fie Fie Rig Con <b>uantity Units</b> 10.00 yard CRA) and the production oper ceed the minimu	enerator: enerator #: ell Ser. #: ell Name: ell #: eld: eld #: g: ounty s ds US Enviro rations and um standard	CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD NON-DRILLING nmental Protection Agency's July are not mixed with non-exempt waste
ENVIRONMENTAL       PO         SOLUTIONS       Ma         Permian Basin       Driver         True       Call         Job       Job         Facility: CRI       Product / Service         Contaminated Soil (RCRA Exempt)       Generator Certification Statement of V         I hereby certify that according to the Resour       1988 regulatory determination, the above de         X RCRA Exempt: Oil Field wastes genera       RCRA Non-Exempt: Oil field wastes wh         characteristics established in RCRA regulati       amended. The following documentation is a         MSDS Information       RCRA Hazard         Driver/ Agent Signature       Chavicra	D #: anifest #: anif. Date: auler: river uck # ard # b Ref # Waste Sta rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	3/11/2024 AR & J TRUCKING EDGAR 05 Q atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	Ge We We Fie Fie Rig Con <b>uantity Units</b> 10.00 yard CRA) and the production oper ceed the minimu	enerator #: ell Ser. #: ell Name: ell #: eld : eld #: g: ounty s ds US Enviro rations and um standard	40946 999908 JAMES A WATER FLOOD NON-DRILLING mmental Protection Agency's July are not mixed with non-exempt waste
ENVIRONMENTAL SOLUTIONS       Ma         Permian Basin       Ha         Driver/ Agent Signature       Driver/ Agent Signature         Example Construction       Call         Droduct / Service       Contaminated Soil (RCRA Exempt)         Generator Certification Statement of V       I hereby certify that according to the Resourt 1988 regulatory determination, the above de X         RCRA Exempt: Oil Field wastes general RCRA Non-Exempt: Oil field wastes which are the following documentation is a MSDS Information RCRA Hazard	anifest #: anif. Date: auler: river uck # ard # b Ref # b Ref # waste Sta rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	3/11/2024 AR & J TRUCKING EDGAR 05 Q atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	We We Fie Fie Rig Con <b>uantity Units</b> 10.00 yard CRA) and the production oper ceed the minimu	ell Ser. #: ell Name: ell #: eld : eld #: g: ounty s ds US Enviro rations and um standard	999908 JAMES A WATER FLOOD NON-DRILLING nmental Protection Agency's July are not mixed with non-exempt waste
Solutions       Ma         Permian Basin       Ha         Driver       Driver         True       Ca         Job       Job         Facility: CRI       Product / Service         Contaminated Soil (RCRA Exempt)       Generator Certification Statement of V         I hereby certify that according to the Resour       1988 regulatory determination, the above de         X RCRA Exempt: Oil Field wastes genera       RCRA Non-Exempt: Oil field wastes wh         characteristics established in RCRA regulati       amended. The following documentation is a         MSDS Information       RCRA Hazard         Driver/ Agent Signature       Chavicra	anif. Date: auler: iver uck # ard # b Ref # b Ref # waste Sta rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	3/11/2024 AR & J TRUCKING EDGAR 05 Q atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	We We Fie Fie Rig Cor uantity Units 10.00 yard CRA) and the production oper ceed the minimu	ell Name: ell #: eld: eld #: g: ounty s ds US Enviro rations and um standard	JAMES A WATER FLOOD NON-DRILLING nmental Protection Agency's July are not mixed with non-exempt waste
Permian Basin       Ha         Driver       Driver         True       Cal         Job       Job         Facility: CRI       Product / Service         Contaminated Soil (RCRA Exempt)       Generator Certification Statement of V         I hereby certify that according to the Resour       1988 regulatory determination, the above de         X RCRA Exempt: Oil Field wastes genera       RCRA Non-Exempt: Oil field wastes wh         characteristics established in RCRA regulati       amended. The following documentation is a         MSDS Information       RCRA Hazard         Driver/ Agent Signature       Chavicra	auler: iver uck # ard # b Ref # <b>Waste Sta</b> iver Conserver escribed wa ated from oi hich is non-l tions, 40 CF attached to	AR & J TRUCKING EDGAR 05 Q atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	We Fie Fie Rig Con <b>uantity Units</b> 10.00 yard CRA) and the production oper ceed the minimu	ell #: eld: eld #: g: bunty s ds US Enviro rations and um standard	NON-DRILLING nmental Protection Agency's July are not mixed with non-exempt waste
Facility: CRI Product / Service Contaminated Soil (RCRA Exempt) Generator Certification Statement of V I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera _ RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a _ MSDS Information _ RCRA Hazard Driver/ Agent Signature	uck # ard # b Ref # <b>Waste Sta</b> rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	Q atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	Fie Rig Con <b>uantity Units</b> 10.00 yard CRA) and the production oper ceed the minimu	eld #: g: bunty s ds US Enviro rations and um standard	nmental Protection Agency's July are not mixed with non-exempt waste
Ca Job Facility: CRI Product / Service Contaminated Soil (RCRA Exempt) Generator Certification Statement of V I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera _ RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a _ MSDS Information _ RCRA Hazard Driver/ Agent Signature	Waste Sta waste Sta rce Conservescribed wa ated from of hich is non-l tions, 40 CF attached to	Quatus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	Rig Con uantity Units 10.00 yard CRA) and the production oper ceed the minimu	g: bunty s ds US Enviro rations and um standard	nmental Protection Agency's July are not mixed with non-exempt waste
Job Facility: CRI Product / Service Contaminated Soil (RCRA Exempt) Generator Certification Statement of V I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a MSDS Information _ RCRA Hazard Driver/ Agent Signature	Waste Sta rce Conservescribed wa ated from oi hich is non-l tions, 40 CF attached to	atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	Con uantity Units 10.00 yard CRA) and the production oper ceed the minimu	unty s ds US Enviro rations and um standard	nmental Protection Agency's July are not mixed with non-exempt waste
Facility: CRI Product / Service Contaminated Soil (RCRA Exempt) Generator Certification Statement of M I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera _ RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a _ MSDS Information _ RCRA Hazard Driver/ Agent Signature	Waste Sta rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	uantity Units 10.00 yard CRA) and the production oper ceed the minimu	s US Enviro rations and um standard	are not mixed with non-exempt waste
Product / Service Contaminated Soil (RCRA Exempt) Generator Certification Statement of V I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera _ RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a _ MSDS Information _ RCRA Hazard Driver/ Agent Signature	rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	10.00 yard CRA) and the production oper ceed the minimu	US Enviro rations and um standard	are not mixed with non-exempt waste
Contaminated Soil (RCRA Exempt) Generator Certification Statement of V I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera _ RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a _ MSDS Information _ RCRA Hazard Driver/ Agent Signature	rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	atus vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	10.00 yard CRA) and the production oper ceed the minimu	US Enviro rations and um standard	are not mixed with non-exempt waste
Generator Certification Statement of V I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a MSDS Information _ RCRA Hazard Driver/ Agent Signature	rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	CRA) and the production oper ceed the minimum	US Enviro rations and um standard	are not mixed with non-exempt waste
I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a MSDS Information _ RCRA Hazard Driver/ Agent Signature	rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	production oper ceed the minimu	rations and um standard	are not mixed with non-exempt waste
I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a MSDS Information _ RCRA Hazard Driver/ Agent Signature	rce Conserv escribed wa ated from oi hich is non-l tions, 40 CF attached to	vation and Recovery Act (R ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	production oper ceed the minimu	rations and um standard	are not mixed with non-exempt waste
1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes genera _ RCRA Non-Exempt: Oil field waste wh characteristics established in RCRA regulati amended. The following documentation is a _ MSDS Information _ RCRA Hazard Driver/ Agent Signature	escribed wa ated from oi hich is non-l tions, 40 CF attached to	ste is: il and gas exploration and p hazardous that does not exc R 261.21-261.24 or listed ha	production oper ceed the minimu	rations and um standard	are not mixed with non-exempt waste
Edgar Chavira	dous Waste		cribed waste is	non-hazarc	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Edgar Chavira Customer Approval	Sec. 1	R360 Represer	ntative Signa	ture	the second se
Edgar Chavira Customer Approval			( ))	N	
Customer Approval			Q.		( )
	1115	315370,512	1		and the second second
	THI	S IS NOT AN IN	VOICE	1	
Approved By:		Da	ate:		
Approved By:		D:	ate:		

Received by OCD: 10/22/2024 8:3. RECEIVED AND AND AND AND AND AND AND AND AND AN	S:21 AMCustomer:CONOCOPHILICustomer #:CRI2190Ordered by:COLTON BICKIAFE #:COLTON BICKIPO #:Manifest #:Manif. Date:3/11/2024Hauler:STG TRUCKINGDriverEDUARDOTruck #22Card #Job Ref #	Bid #: ERSTAFF Date: Generator: Generator # Well Ser. #: Well Name:	999908
Facility: CRI			
Product / Service	Vie due 141 - personale -	Quantity Units	
Contaminated Soil (RCRA Exemp	ot)	10.00 yards	
I hereby certify that according to the R 1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field wastes characteristics established in RCRA re amended. The following documentation MSDS Information _ RCRA H Driver/ Agent Signature	we described waste is: enerated from oil and gas explorati te which is non-hazardous that doe gulations, 40 CFR 261.21-261.24 or on is attached to demonstrate the ab lazardous Waste Analysis Pro R360 R	ion and production operations and s not exceed the minimum standa listed hazardous waste as define bove-described waste is non-hazar	I are not mixed with non-exempt waster rds for waste hazardous by d in 40 CFR, part 261, subpart D, as rdous. (Check the appropriate items):
Customer Approval	A ALE TO A STATE		When the state of the state of
	THIS IS NOT	AN INVOICE!	
Approved By:		Date:	

Received by OCD: 10/22/2024 8:3. RECEIVER SOLUTIONS Permian Basin	Customer #:	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Rig: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	14 A. A. A. A.	Quar	ntity Units	and the second second
Contaminated Soil (RCRA Exemp	ot)		18.00 yards	
Generator Certification Statemer I hereby certify that according to the R 1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentation MSDS Information _ RCRA H Driver/ Agent Signature	esource Conserv we described wa enerated from oi te which is non-l gulations, 40 CF on is attached to	ation and Recovery Act (RCR ste is: l and gas exploration and prod azardous that does not exceed R 261.21-261.24 or listed hazar demonstrate the above-describ	luction operations and a the minimum standard rdous waste as defined wed waste is non-hazard edge Other (Prov	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Customer Approval				
	THI	S IS NOT AN INV	OICE!	
Approved By:		Date:		

Received by OCD: 10/22/2024 8: RB360 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTEN BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field #: Field #: Rig: County	999908
Facility: CRI				
Product / Service	Call Strate	Quantit	y Units	
Contaminated Soil (RCRA Exen	npt)	18.	00 yards	
1988 regulatory determination, the ab X RCRA Exempt: Oil Field wastes RCRA Non-Exempt: Oil field wastes characteristics established in RCRA numended. The following documentat MSDS Information RCRA Driver/ Agent Signature	generated from oi aste which is non-h regulations, 40 CFI tion is attached to o	and gas exploration and product azardous that does not exceed the 2 261.21-261.24 or listed hazardou demonstrate the above-described v	e minimum standard us waste as defined waste is non-hazard e Other (Prov	in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Customer Approval		1		
	17-1-1	the state of the state	have a start	
	THIS	S IS NOT AN INVO	ICE!	
Approved By:			ICE!	

Received by OCD: 10/22/2024 8:33 RECEIVER SOLUTIONS Permian Basin	Customer: Customer #:	COLTEN BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service		Quanti	ty Units	
Contaminated Soil (RCRA Exemp	ot)	16	6.00 yards	
X RCRA Exempt: Oil Field wastes g _ RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentatio _ MSDS Information _ RCRA H Driver/ Agent Signature	te which is non-l gulations, 40 CF on is attached to	hazardous that does not exceed the R 261.21-261.24 or listed hazardo demonstrate the above-described	he minimum standar bus waste as defined waste is non-hazard ge Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval	S. S. Lander			
	тн	S IS NOT AN INVO	DICE!	
Approved By:		Date: _		

Received by OCD: 10/22/2024 8:33 RECEIVER ON MENTAL SOLUTIONS Permian Basin	Customer: Customer #:	CONOCOPHILLIPS CRI2190 COLTEN BICKERSTAFF 64 3/12/2024 MCNABB PARTNERS ANDREW M32	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service		Quanti	ty Units	A CONTRACT OF THE REAL OF
Contaminated Soil (RCRA Exemp	ot)	16	6.00 yards	
1988 regulatory determination, the abo <u>X</u> RCRA Exempt: Oil Field wastes gg _ RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentation _ MSDS Information _ RCRA H Driver/ Agent Signature <u>Manual Manual</u>	enerated from o te which is non- gulations, 40 CF on is attached to	il and gas exploration and produc hazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	e minimum standar ous waste as defined waste is non-hazar ge Other (Prov	rds for waste hazardous by 1 in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval				
	тні	S IS NOT AN INVO	DICE!	
Approved By:		Date:		

ENVIRONMENTAL SOLUTIONS Permian Basin		CRI2190 SAM WIDMER 65 3/12/2024 MCNABB PARTNERS GUMER M90	Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	1	Quar	ntity Units	
Contaminated Soil (RCRA Exem	ipt)		18.00 yards	
1988 regulatory determination, the ab X RCRA Exempt: Oil Field wastes RCRA Non-Exempt: Oil field wa characteristics established in RCRA re amended. The following documentati MSDS Information RCRA	generated from of ste which is non- egulations, 40 CF ion is attached to	il and gas exploration and prod hazardous that does not exceed R 261.21-261.24 or listed hazar demonstrate the above-describ	the minimum standar dous waste as defined ed waste is non-hazar	l in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature	nasa An asay	R360 Representat	ive Signature	
Customer Approval				
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	THI			

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Received by OCD: 10/22/2024 8 RESERVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTEN BICEKRSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	and the law	Quantit	ty Units	and the second
Contaminated Soil (RCRA Exe	empt)	13	8.00 yards	
RCRA Non-Exempt: Oil field characteristics established in RCRA	waste which is non-l A regulations, 40 CF tation is attached to	hazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	e minimum standar ous waste as defined waste is non-hazard	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature	ALC: NOT THE REAL	R360 Representativ	e Signature	and the second sec
Customer Approval	TH			
1	1			
Approved By:	1	Date: _		



Received by OCD: 10/22/2024 8:. RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	3:21 AM         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 #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI			
Product / Service	Quantit	y Units	
Contaminated Soil (RCRA Exer	Course and the second se	.00 yards	
Generator Certification Stateme	ent of Waste Status	The set of the	
RCRA Non-Exempt: Oil field was characteristics established in RCRA is amended. The following documentar MSDS Information RCRA Driver/ Agent Signature	generated from oil and gas exploration and product aste which is non-hazardous that does not exceed the regulations, 40 CFR 261.21-261.24 or listed hazardou tion is attached to demonstrate the above-described Hazardous Waste Analysis Process Knowledg R360 Representative	e minimum standard us waste as defined waste is non-hazard eOther (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Customer Approval	<b>V</b>		
	THIS IS NOT AN INVO	ICE!	
Approved By:	Date:		

Received by OCD: 10/22/2024 8:33: RECEIVED AND ADDRESS OF A DECEMPTION OF A D	Customer #:	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	20	Qua	antity Units	
Contaminated Soil (RCRA Exemp	t)		18.00 yards	
X RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentation _ MSDS Information _ RCRA Ha Driver/ Agent Signature	e which is non-l ulations, 40 CF n is attached to	nazardous that does not excee R 261.21-261.24 or listed haza demonstrate the above-descri	ed the minimum standard ardous waste as defined bed waste is non-hazard ledgeOther (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval				
	тни	S IS NOT AN IN	VOICE!	
Approved By:		Date	e:	

1988 regulatory determination, the X RCRA Exempt: Oil Field wast RCRA Non-Exempt: Oil field	he Resource Conservation and Recovery Act (RCRA)	tion operations and a minimum standard	are not mixed with non-exempt wasted as for waste hazardous by
Contaminated Soil (RCRA Ex	<b>empt)</b> 18	3.00 yards	
Product / Service	Quanti	ty Units	
Facility: CRI			
	Driver ACIE Truck # M83 Card # Job Ref #	Field: Field #: Rig: County	NON-DRILLING
ENVIRONMENTAL SOLUTIONS Permian Basin	PO #: Manifest #: 69 Manif. Date: 3/12/2024 Hauler: MCNABB PARTNERS	Well #:	CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD
Received by OCD: 10/22/2024	Customer: CONOCOPHILLIPS Customer #: CRI2190 Ordered by: COLTON BICKERSTAFF AFE #:	Ticket #: Bid #: Date:	Page 120 of 227 700-1540207 O6UJ9A000JEC 3/12/2024

Received by OCD: 10/22/2024 RECEIVER ON MENTAL SOLUTIONS Permian Basin	8:33:2 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 #: 06UJ9A000JEC Date: 3/12/2024 Generator: CONOCOPHILL Generator #: 40946 Well Ser. #: 999908 Well Name: JAMES A WATE Well #: Field: Field #: Rig: NON-DRILLING County	LIPS ER FLOOD
Facility: CRI			
Product / Service	Quan	tity Units	
Contaminated Soil (RCRA Ex	empt)	6.00 yards	
1988 regulatory determination, the <u>X</u> RCRA Exempt: Oil Field wast <u>RCRA Non-Exempt: Oil field</u> characteristics established in RCR. amended. The following document	he Resource Conservation and Recovery Act (RCR/ above described waste is: es generated from oil and gas exploration and produ- waste which is non-hazardous that does not exceed A regulations, 40 CFR 261.21-261.24 or listed hazar- tation is attached to demonstrate the above-describe A Hazardous Waste Analysis Process Knowle R360 Representat	action operations and are not mixed with the minimum standards for waste hazard lous waste as defined in 40 CFR, part 26 d waste is non-hazardous. (Check the ap dge Other (Provide description abo	non-exempt wast lous by 1, subpart D, as propriate items):
Customer Approval			
	THIS IS NOT AN INV	OICE!	
Approved By: Date:			



Received by OCD: 10/22/202 RBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	Customer #:	COLTON BICKERSTAFF	Well #: Field:	
	Card # Job Ref #	WI32	Field #: Rig: County	NON-DRILLING
Facility: CRI				
Product / Service	San State	Quantit	y Units	
Contaminated Soil (RCRA	Exempt)	16	.00 yards	
characteristics established in RC amended. The following docum	CRA regulations, 40 CF	hazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described Analysis Process Knowledg R360 Representative	us waste as defined waste is non-hazarc e Other (Prov	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval		T ALCONTON	()	
	THIS	S IS NOT AN INVO	ICE!	
Approved By:		Date:		

Received by OCD: 10/22/2024 8 REAL SOLUTIONS Permian Basin	Customer: CC Customer #: CR Ordered by: SA AFE #: PO #: Manifest #: 72 Manif. Date: 3/1. Hauler: MC	M WIDMER 2/2024 NABB PARTNERS MER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quan	tity Units	
Contaminated Soil (RCRA Exe	mpt)		18.00 yards	
RCRA Non-Exempt: Oil field v characteristics established in RCRA	vaste which is non-hazar regulations, 40 CFR 26 ation is attached to demo	rdous that does not exceed 1.21-261.24 or listed hazard onstrate the above-describe	the minimum standard dous waste as defined ed waste is non-hazard dge Other (Prov	in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Customer Approval	TURCH		01051	
	THIS	S NOT AN INV	OICE!	
Approved By:		Date:		



Received by OCD: 10/22/2024 8:33: RECEIVED AND AND AND AND AND AND AND AND AND AN	Customer: Customer #:	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	All and a set	Quant	ity Units	the second second
Contaminated Soil (RCRA Exemp	t)	1	3.00 yards	
X RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation _ MSDS Information _ RCRA Ha Driver/ Agent Signature	e which is non-h ulations, 40 CF n is attached to o	nazardous that does not exceed t R 261.21-261.24 or listed hazard demonstrate the above-described	he minimum standard ous waste as defined d waste is non-hazard $\log \int_{-}^{-} Other (Prov$	ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Customer Approval				
Approved By:	THIS	<b>S IS NOT AN INV</b>	DICE!	

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Received by OCD: 10/22/2024 RECEIVED AND AND AND AND AND AND AND AND AND AN	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quantit	y Units	
Contaminated Soil (RCRA Ex	empt)	13	.00 yards	
RCRA Non-Exempt: Oil field characteristics established in RCR, amended. The following documen MSDS Information RCR Driver/ Agent Signature	A regulations, 40 CF attached to	R 261.21-261.24 or listed hazardou demonstrate the above-described	us waste as defined waste is non-hazard e Other (Prov	in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Customer Approval		and the second	Q.	
	THI	S IS NOT AN INVO	ICE!	
Approved By:		Date:		

<b>Received by OCD: 10/22/2024 8::</b>	23-21 AM			Page 126 of 227
Received by OCD. 10/22/2024 0.	Customer:	CONOCOPHILLIPS	Ticket #:	700-1540265
	Customer #:		Bid #:	O6UJ9A000JEC
BE SO	AFE #:	COLTON BICKERSTAFF	Date: Generator:	3/12/2024 CONOCOPHILLIPS
	PO #:		Generator #:	
ENVIRONMENTAL	Manifest #:	75	Well Ser. #:	
SOLUTIONS	Manif. Date:			JAMES A WATER FLOOD
Permian Basin	Hauler:	MCNABB PARTNERS	Well #:	
	Driver	JOSH	Field:	
	Truck # Card #	M87	Field #:	NON-DRILLING
	Job Ref #		Rig: County	NON-DRIELING
	122110410			
Facility: CRI				
Product / Service			ty Units	
Contaminated Soil (RCRA Exe	mpt)	18	3.00 yards	
<b>Generator Certification Statem</b>	ent of Waste Sta	atus	Strate Lang	a the second second second
I hereby certify that according to the			and the US Enviro	nmental Protection Agency's July
1988 regulatory determination, the a			in a contra a contra	
		hazardous that does not exceed th		are not mixed with non-exempt waste
characteristics established in RCRA				
amended. The following documenta				
_ MSDS Information _ RCRA				
Driver/ Agent Signature		R360 Representativ	e Signature	
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Customer Approval			Ur V	
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Approved By:		Date:		

Received by OCD: 10/22/2024 8:33	Customer: Customer #:	COLTEN BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County		7 of 227
Facility: CRI					
Product / Service	and and an	Quantit	y Units		137, 724
Contaminated Soil (RCRA Exemp	ot)		.00 yards		
Generator Certification Statement I hereby certify that according to the R 1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA H	esource Conserv ve described wa enerated from oi te which is non-l gulations, 40 CF on is attached to	ration and Recovery Act (RCRA) ste is: 1 and gas exploration and product nazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described	ion operations and e minimum standard us waste as defined waste is non-hazard e Other (Prov	are not mixed with non-exe ds for waste hazardous by in 40 CFR, part 261, subpa lous. (Check the appropriat	empt waste art D, as
Driver/ Agent Signature	era pitat -stalin		a Signature		
Customer Approval		VV	1. 1		
	тні	S IS NOT AN INVO	ICE!		
Approved By:		Date:			

Received by OCD: 10/22/2024 8:33	Customer #:	SAM WIDEMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quar	ntity Units	State of the second second
Contaminated Soil (RCRA Exemp	t)		16.00 yards	
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information _ RCRA Ha	esource Conserv ve described wa enerated from oi e which is non-l gulations, 40 CF n is attached to	ation and Recovery Act (RCR ste is: I and gas exploration and prod nazardous that does not exceed R 261.21-261.24 or listed hazar demonstrate the above-describ Analysis Process Knowle	luction operations and I the minimum standard rdous waste as defined ed waste is non-hazard edge Other (Prov	are not mixed with non-exempt wasted ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature		R360 Representa	tive Signature	
Customer Approval		1	0	
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Approved By:		Date:	. <u></u>	

Received by OCD: 10/22/2024	Customer: Customer #:	COLTON BICKERSTAFF		
Facility: CRI				
Product / Service	1	Quantit	ty Units	
Contaminated Soil (RCRA Exe	empt)	16	.00 yards	
RCRA Non-Exempt: Oil field characteristics established in RCR/	waste which is non-h A regulations, 40 CF tation is attached to	nazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described	e minimum standard us waste as defined waste is non-hazard ge Other (Prov	in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Customer Approval	S		lan	
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Approved By:		Date:		

Received by OCD: 10/22/2024 8:33 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTON BI CKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig:	
	Job Ref #		County	NON-DRILLING
Facility: CRI				
Product / Service		Quantit	v Units	
Contaminated Soil (RCRA Exemp	t)	18.00 yards		
Generator Certification Statemen I hereby certify that according to the Re 1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information _ RCRA Ha	esource Conserv ve described was enerated from oi e which is non-h gulations, 40 CFI n is attached to o	ation and Recovery Act (RCRA) a ste is: I and gas exploration and product nazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described	ion operations and e minimum standard is waste as defined waste is non-hazard	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature		R360 Representative	Signature	
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Ordered by: AFE #: PO #: Manifest #:	SAM WIDMER		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field #: Field #: Rig: County	
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and the second	Qu	iantity I	Units	
t)				
gulations, 40 CF n is attached to	R 261.21-261.24 or listed ha demonstrate the above-desc Analysis Process Kno	zardous v ribed was wledge	waste as defined ste is non-hazarc Other (Prov	in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
			CE!	
	Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref # t of Waste Sta esource Conserver we described wa enerated from oi e which is non- rulations, 40 CF n is attached to azardous Waste	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 # Que t) t of Waste Status esource Conservation and Recovery Act (Ro we described waste is: merated from oil and gas exploration and pu e which is non-hazardous that does not excer pulations, 40 CFR 261.21-261.24 or listed ha in is attached to demonstrate the above-desc azardous Waste Analysis Process Kno R360 Represen	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 # <b>Quantity I</b> t) 13.00 t of Waste Status esource Conservation and Recovery Act (RCRA) and we described waste is: merated from oil and gas exploration and production e which is non-hazardous that does not exceed the m gulations, 40 CFR 261.21-261.24 or listed hazardous of n is attached to demonstrate the above-described wa azardous Waste Analysis Process Knowledge	Customer #: CRI2190 Bid #: Ordered by: SAM WIDMER Date: AFE #: Generator: PO #: Generator #: Manifest #: 80 Well Ser. #: Manif. Date: 3/12/2024 Well Name: Hauler: MCNABB PARTNERS Well #: Driver JENEY Field: Truck # M33 Field #: Card # Rig: Job Ref # County Quantity Units tof Waste Status esource Conservation and Recovery Act (RCRA) and the US Enviro re described waste is: merated from oil and gas exploration and production operations and e which is non-hazardous that does not exceed the minimum standard guations, 40 CFR 261.21-261.24 or listed hazardous waste as defined n is attached to demonstrate the above-described waste is non-hazardous that does not exceed the minimum standard guations, 40 CFR 261.21-261.24 or listed hazardous waste as defined n is attached to demonstrate the above-described waste is non-hazardous waste Analysis _ Process Knowledge _ Other (Prov R360 Representative Signature THIS IS NOT AN INVOICE!

Received by OCD: 10/22/2024 8:3	Customer #:	SAM WIDEMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Qu	antity Units	
Contaminated Soil (RCRA Exem	pt)		13.00 yards	
X RCRA Exempt: Oil Field wastes g _ RCRA Non-Exempt: Oil field wastes characteristics established in RCRA re amended. The following documentati _ MSDS Information _ RCRA H Driver/ Agent Signature	ste which is non-h egulations, 40 CFI on is attached to o	nazardous that does not exce R 261.21-261.24 or listed haz demonstrate the above-descr	ed the minimum standard ardous waste as defined ibed waste is non-hazard vledge Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
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Customer Approval				
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Received by OCD: 10/22/20.	24 8:33:21 AM Customer:	CONOCOPHILLIPS	Ticket #:	Page 133 of 227 700-1540333
	Customer #:		Bid #:	O6UJ9A000JEC
PERM		SAM WIDMER	Date:	3/12/2024
	AFE #: PO #:		Generator:	CONOCOPHILLIPS
ENVIRONMENTAL	Manifest #:	82	Generator #: Well Ser. #:	
SOLUTIONS	Manif. Date:			JAMES A WATER FLOOD
Permian Basin	Hauler:	MCNABB PARTNERS	Well #:	
	Driver	ACIE	Field:	E
	Truck # Card #	M83	Field #: Rig:	NON-DRILLING
	Job Ref #		County	NON-DRIELING
Course and a second		4	10000	
Facility: CRI				
Product / Service		Quar	ntity Units	No. of the State of the state of the
Contaminated Soil (RCRA I	Exempt)	17 3 1	18.00 yards	
<b>Generator Certification Sta</b>	tement of Waste Sta	atus		part of a state of the state of the
I hereby certify that according to	the Resource Conserv	ation and Recovery Act (RCR.	A) and the US Enviro	nmental Protection Agency's July
1988 regulatory determination, t	he above described wa	ste is:		
$\underline{X}$ RCRA Exempt: Oil Field w	astes generated from oi	l and gas exploration and prod	uction operations and	are not mixed with non-exempt waste
_ RCRA Non-Exempt: Oil fie	Id waste which is non-l	nazardous that does not exceed	the minimum standard	ds for waste hazardous by
amended The following docum	RA regulations, 40 CF	R 261.21-261.24 or listed hazar	dous waste as defined	in 40 CFR, part 261, subpart D, as
MSDS InformationR	CRA Hazardous Waste	Analysis Process Knowle	ed waste is non-hazarc	lous. (Check the appropriate items):
		1	, 7	lue description above)
Driver/ Agent Signature		R360 Representat	ive Signature	
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Customer Approval	and and the			and the second second
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Approved By:		Date:		
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Received by OCD: 10/22/2024 8:33: Received by OCD: 10/22/2024 8:33: 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 #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI			
Product / Service	Quan	ntity Units	
Contaminated Soil (RCRA Exemp	ot)	16.00 yards	
RCRA Non-Exempt: Oil field was characteristics established in RCRA re- amended. The following documentation	enerated from oil and gas exploration and prod te which is non-hazardous that does not exceed gulations, 40 CFR 261.21-261.24 or listed hazar on is attached to demonstrate the above-describ- lazardous Waste Analysis Process Knowle <b>R360 Representat</b>	the minimum standar dous waste as defined ed waste is non-hazar edge Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval		/	The second secon
Customer Approval	THIS IS NOT AN INV		X
Customer Approval Approved By:			X

Received by OCD: 10/22/2024 8: RECEIVED AND ADDRESS OF	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well A: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	- STA 270	Quantit	ty Units	- A Contraction of the
Contaminated Soil (RCRA Exen	npt)	16	.00 yards	
X RCRA Exempt: Oil Field wastes _ RCRA Non-Exempt: Oil field was characteristics established in RCRA r amended. The following documentat _ MSDS Information _ RCRA	egulations, 40 CF	nazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	e minimum standard us waste as defined waste is non-hazard	in 40 CFR, part 261, subpart D, as
Driver/ Agent Signature	her	R360 Representative	e Signature	
Customer Approval				
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Approved By:		Date:		



Received by OCD: 10/22/2024 8:33 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	SAM WIDMER 85	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Qu	antity Units	
Contaminated Soil (RCRA Exemp	t)		18.00 yards	
Generator Certification Statemen I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentatio MSDS Information _ RCRA H Driver/ Agent Signature	esource Conserv ve described was enerated from o e which is non- gulations, 40 CF n is attached to	vation and Recovery Act (RC iste is: il and gas exploration and pu hazardous that does not exce R 261.21-261.24 or listed ha demonstrate the above-desc e Analysis Process Kno	roduction operations and eed the minimum standar zardous waste as defined pribed waste is non-hazar	are not mixed with non-exempt waster rds for waste hazardous by 1 in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval		1		
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Received by OCD: 10/22/2024 8:3 RECEIVED AND AND AND AND AND AND AND AND AND AN	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quanti	ty Units	
Contaminated Soil (RCRA Exem	pt)	18	3.00 yards	
RCRA Non-Exempt: Oil field wastes _ RCRA Non-Exempt: Oil field wastes characteristics established in RCRA re- amended. The following documentati _ MSDS Information _ RCRA I Driver/ Agent Signature 	ste which is non- egulations, 40 CF ion is attached to	hazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described	ne minimum standar ous waste as defined waste is non-hazar ge Other (Prov	1 in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Approved By:		Date:		

R360 ENVIRONMENTAL SOLUTIONS	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	Page 138 of 227 700-1540369 O6UJ9A000JEC 3/12/2024 CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD NON-DRILLING
Facility: CRI				
Product / Service	W	Quantit	y Units	CONTRACTOR AND
Contaminated Soil (RCRA Exemp	t)	13	00 yards	
1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes go RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentatio MSDS Information _ RCRA H Driver/ Agent Signature	enerated from o e which is non- gulations, 40 CF n is attached to	il and gas exploration and product hazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described	e minimum standar us waste as defined waste is non-hazard e Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval			1	

R3600 ENVIRONMENTAL SOLUTIONS Permian Basin	33:21 AM 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 #	Page 139 of 227Ticket #:700-1540377Bid #:O6UJ9A000JECDate:3/12/2024Generator:CONOCOPHILLIPSGenerator #:40946Well Ser. #:999908Well Name:JAMES A WATER FLOODWell #:Field:Field #:Rig:NON-DRILLINGCounty
Facility: CRI		
Product / Service	Quan	ntity Units
Contaminated Soil (RCRA Exem	npt)	13.00 yards
_ RCRA Non-Exempt: Oil field wa characteristics established in RCRA r amended. The following documentat _ MSDS Information _ RCRA	aste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24 or listed hazard	dous waste as defined in 40 CFR, part 261, subpart D, as ed waste is non-hazardous. (Check the appropriate items): edge Other (Provide description above)
Driver/ Agent Signature	R360 Representat	
	R360 Representat	Gul
Driver/ Agent Signature Customer Approval	R360 Representat	(pr)
	R360 Representati	Gul

Received by OCD: 10/22/2024 8 RECEIVER ON MENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well A: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	14 AN 2 A.S.		ty Units	
Contaminated Soil (RCRA Exe	empt)	16	5.00 yards	
_ RCRA Non-Exempt: Oil field of characteristics established in RCRA amended. The following document _ MSDS Information _ RCR. Driver/ Agent Signature	a regulations, 40 Cl ation is attached to	FR 261.21-261.24 or listed hazardo demonstrate the above-described	bus waste as defined I waste is non-hazar ge Other (Pro-	dous. (Check the appropriate items):
Customer Approval			Y	
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Approved By:		Date:		

Received by OCD: 10/22/2024 8:3: <b>RECEIVER ON MENTAL</b> SOLUTIONS Permian Basin	3:21 AM Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service		Quanti	ty Units	the product of the second
Contaminated Soil (RCRA Exem	pt)	18	3.00 yards	
X RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field wastes characteristics established in RCRA re amended. The following documentati MSDS Information _ RCRA H Driver/ Agent Signature	ste which is non- egulations, 40 CI on is attached to	hazardous that does not exceed the FR 261.21-261.24 or listed hazardous demonstrate the above-described	he minimum standar ous waste as defined l waste is non-hazar ge Other (Pro	d in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval		V	1. 3 . 100	
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Approved By:		Date: _		

Received by OCD: 10/22/2024 8:3 RECEIVER SOLUTIONS Permian Basin	Customer: Customer #:	COLTON BICKERSTAFF 91	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	Page 142 of 227 700-1540631 O6UJ9A000JEC 3/13/2024 CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD NON-DRILLING
Facility: CRI				
Product / Service	111	Quanti	ty Units	AND THE REAL OF
Contaminated Soil (RCRA Exem	npt)	18	3.00 yards	
X RCRA Exempt: Oil Field wastes _ RCRA Non-Exempt: Oil field was characteristics established in RCRA r amended. The following documentat _ MSDS Information _ RCRA Driver/ Agent Signature	ste which is non- regulations, 40 CI ion is attached to	hazardous that does not exceed th FR 261.21-261.24 or listed hazardo demonstrate the above-described	ne minimum standar ous waste as defined l waste is non-hazar ge Other (Prov	l in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Received by OCD: 10/22/2024 8:33	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service	Product / Service Quantity Units			
Contaminated Soil (RCRA Exemp	ot)	18	3.00 yards	
RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentation MSDS Information RCRA H Driver/ Agent Signature	te which is non- gulations, 40 Cl on is attached to	hazardous that does not exceed the FR 261.21-261.24 or listed hazardo demonstrate the above-described	he minimum standa ous waste as defined l waste is non-hazan ge Other (Pro	dous. (Check the appropriate items):
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R360 ENVIRONMENTAL SOLUTIONS 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 #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI			
Product / Service	Quantit	y Units	CALC STATES AND
Contaminated Soil (RCRA Exe	mpt) 13	.00 yards	
RCRA Non-Exempt: Oil field w characteristics established in RCRA amended. The following document	s generated from oil and gas exploration and product vaste which is non-hazardous that does not exceed th regulations, 40 CFR 261.21-261.24 or listed hazardo ation is attached to demonstrate the above-described A Hazardous Waste Analysis Process Knowledg R360 Representative	e minimum standar us waste as defined waste is non-hazar ge Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Customer Approval		7	

Received by OCD: 10/22/2024 8:33 RECEIVER SOLUTIONS Permian Basin	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	Alexandre and	Quantit	y Units	and the second second
Contaminated Soil (RCRA Exemp	ot)	13.	00 yards	
X RCRA Exempt: Oil Field wastes g _ RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentatio _ MSDS Information _ RCRA H Driver/ Agent Signature	te which is non- gulations, 40 CF on is attached to	hazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described v	e minimum standar us waste as defined waste is non-hazard e Other (Prov	ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
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Approved By:		Date:		

Received by OCD: 10/22/2024	Customer: Customer #:	CONOCOPHILLIPS CRI2190 COLTON BICKERSTAFF 95 3/13/2024 MCNABB PARTNERS VICTOR M36	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	al Transie	Quantit	ty Units	
Contaminated Soil (RCRA Ex	(empt)	16	.00 yards	
characteristics established in RCF amended. The following docume	A regulations, 40 CF ntation is attached to	hazardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described Analysis Process Knowledg R360 Representativ	waste as defined waste is non-hazar ge Other (Prov	l in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval			X	N N N N N N N N N N N N N N N N N N N
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Approved By:		Date: _		

Facility: CRI         Product / Service       Quantity Units         Contaminated Soil (RCRA Exempt)       16.00 yards         Generator Certification Statement of Waste Status       Increase of the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:         X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt 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 26.12-26.12-40 r listed hazardous waste as defined in 40 CFR, part 261, subpart Damended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate it	RB360 ENVIRONMENTAL SOLUTIONS	33:2049 mer: 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 #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1540738 Page 147 of 227 O6UJ9A000JEC 3/13/2024 CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD NON-DRILLING
Contaminated Soil (RCRA Exempt)       16.00 yards         Generator Certification Statement of Waste Status       Intereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's Jul 1988 regulatory determination, the above described waste is:         X       RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exemp 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 Damended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate in	Facility: CRI			
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 Jul 1988 regulatory determination, the above described waste is:         X       RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exemp	Product / Service	Quar	ntity Units	
I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's Ja 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exemp _ 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 amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate it _ 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!	Contaminated Soil (RCRA Exer	mpt)	16.00 yards	
THIS IS NOT AN INVOICE!	1988 regulatory determination, the a	bove described waste is:		
	1988 regulatory determination, the a <u>X</u> RCRA Exempt: Oil Field waster <u>RCRA Non-Exempt: Oil field w</u> characteristics established in RCRA amended. The following documenta <u>MSDS Information</u> <u>RCRA</u>	bove described waste is: s generated from oil and gas exploration and prod vaste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24 or listed hazar ation is attached to demonstrate the above-describ hazardous Waste Analysis Process Knowl	luction operations and I the minimum standar rdous waste as defined bed waste is non-hazar edge Other (Pro	l are not mixed with non-exempt wast rds for waste hazardous by d in 40 CFR, part 261, subpart D, as rdous. (Check the appropriate items):
Approved By:	1988 regulatory determination, the a X RCRA Exempt: Oil Field wastes RCRA Non-Exempt: Oil field w characteristics established in RCRA amended. The following documenta MSDS Information RCRA Driver/ Agent Signature	bove described waste is: s generated from oil and gas exploration and prod vaste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24 or listed hazar ation is attached to demonstrate the above-describ hazardous Waste Analysis Process Knowl	luction operations and I the minimum standar rdous waste as defined bed waste is non-hazar edge Other (Pro	l are not mixed with non-exempt wast rds for waste hazardous by d in 40 CFR, part 261, subpart D, as rdous. (Check the appropriate items):
	1988 regulatory determination, the a X RCRA Exempt: Oil Field wastes RCRA Non-Exempt: Oil field w characteristics established in RCRA amended. The following documenta MSDS Information RCRA Driver/ Agent Signature	bove described waste is: s generated from oil and gas exploration and prod vaste which is non-hazardous that does not exceed regulations, 40 CFR 261.21-261.24 or listed hazar ation is attached to demonstrate the above-describe Hazardous Waste Analysis Process Knowl R360 Representa	luction operations and I the minimum standar rdous waste as defined bed waste is non-hazar edge Other (Pro tive Signature	l are not mixed with non-exempt wast rds for waste hazardous by d in 40 CFR, part 261, subpart D, as rdous. (Check the appropriate items):

R360 ENVIRONMENTAL SOLUTIONS Permian Basin	8:33:21 AM       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 #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI			
Product / Service	Quanti	ty Units	OB CONTRACTOR OF
Contaminated Soil (RCRA Exe	empt) 18	3.00 yards	
characteristics established in RCR/ amended. The following documen	waste which is non-hazardous that does not exceed th A regulations, 40 CFR 261.21-261.24 or listed hazardo tation is attached to demonstrate the above-described A Hazardous Waste Analysis Process Knowledg R360 Representativ	ous waste as defined waste is non-hazard ge Other (Prov	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval	THIS IS NOT AN INVO	DICEI	/
Approved By:			

Received by OCD: 10/22/2024 8:3: RECEIVER ON TAL SOLUTIONS Permian Basin	Customer #: Ordered by: AFE #: PO #:	SAM WIDMER 98	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Qua	ntity Units	
Contaminated Soil (RCRA Exemp	ot)			
I hereby certify that according to the R 1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes g RCRA Non-Exempt: Oil field was characteristics established in RCRA re amended. The following documentation MSDS Information RCRA H Driver/ Agent Signature	we described was enerated from oi te which is non-l gulations, 40 CF on is attached to	ste is: Il and gas exploration and pro hazardous that does not excee R 261.21-261.24 or listed haza demonstrate the above-descril	duction operations and d the minimum standar ardous waste as defined bed waste is non-hazard ledge Other (Prov	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
	<u> </u>		0	
Customer Approval				
	THI	S IS NOT AN INV	OICE!	
Approved By:		Date		

R360 ENVIRONMENTAL SOLUTIONS	3:21 AM Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	SAM WIDMER 99	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quant	tity Units	
Contaminated Soil (RCRA Exem	ipt)	1	8.00 yards	
1988 regulatory determination, the ab X RCRA Exempt: Oil Field wastes ; _ RCRA Non-Exempt: Oil field wastes ; _ RCRA Non-Exempt: Oil field wastes ; characteristics established in RCRA real amended. The following documentation _ MSDS Information _ RCRA is Driver/ Agent Signature _ MAMM Median	generated from of ste which is non- egulations, 40 CF ion is attached to	l and gas exploration and produ nazardous that does not exceed to R 261.21-261.24 or listed hazard demonstrate the above-describe	the minimum standar lous waste as defined d waste is non-hazard dgg Other (Prov	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval	-	[		
	тні	S IS NOT AN INV	OICE!	
Approved By:		Date:		

Received by OCD: 10/22/2024	Customer: CONC Customer #: CRI21 Ordered by: COLT AFE #: PO #: Manifest #: 100 Manif. Date: 3/13/2	ON BICKERSTAFF 024 ABB PARTNERS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quantit	ty Units	
Contaminated Soil (RCRA Ex	empt)	13	.00 yards	
_ RCRA Non-Exempt: Oil field characteristics established in RCR amended. The following documen _ MSDS Information _ RCF Driver/ Agent Signature	waste which is non-hazardo A regulations, 40 CFR 261.2 ntation is attached to demons	us that does not exceed the 1-261.24 or listed hazardou trate the above-described	e minimum standar us waste as defined waste is non-hazard ge Other (Prov	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval			~1	and the second second second
Approved By:	THIS IS	NOT AN INVO		124

143808 3/13/2024 2:09:26PM .

Received by OCD: 10/22/2024	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	999908
Facility: CRI				
Product / Service		Quantity	y Units	
Contaminated Soil (RCRA Ex	empt)	13.00 yards		
_ RCRA Non-Exempt: Oil field characteristics established in RCR.	es generated from of waste which is non-l A regulations, 40 CF tation is attached to	il and gas exploration and product hazardous that does not exceed the R 261.21-261.24 or listed hazardou demonstrate the above-described v	e minimum standard is waste as defined waste is non-hazard e Other (Prov	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items): vide description above)
Customer Approval				
	тні	S IS NOT AN INVO	ICE!	
Approved By:		Date:		

Received by OCD: 10/22/2024 8:33: RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer #:	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quant	tity Units	APPENDING TO THE PARTY OF
Contaminated Soil (RCRA Exemp	t)	1	l6.00 yards	
I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentatio MSDS Information _ RCRA H	ve described wa enerated from oi e which is non-l gulations, 40 CF n is attached to	ste is: I and gas exploration and produ nazardous that does not exceed to R 261.21-261.24 or listed hazard demonstrate the above-describe	action operations and the minimum standard lous waste as defined d waste is non-hazard	are not mixed with non-exempt waste ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Driver/ Agent Signature	1	R360 Representati	ve Signature	
Customer Approval	SI		2017	
	THI	S IS NOT AN INV	OICE!	
Approved By:		Date:		

Received by OCD: 10/22/2024 8 RB360 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer #:	SAM WIDMER	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service	and a state of the	Quan	tity Units	
Contaminated Soil (RCRA Exc	empt)		18.00 yards	
characteristics established in RCRA	e Resource Conserv above described was es generated from oi waste which is non-h a regulations, 40 CFI ration is attached to o	ation and Recovery Act (RCR/ ste is: I and gas exploration and produ azardous that does not exceed R 261.21-261.24 or listed hazard demonstrate the above-describe	uction operations and a the minimum standard dous waste as defined ed waste is non-hazard dge	are not mixed with non-exempt wast ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous (Check the appropriate items):
Curstamor Annual		_/		
Customer Approval				
	THIS	S IS NOT AN INV	OICE!	
Approved By:		Date:		

<b>Received by OCD: 10/22/2024</b>	8:33:21 AM Customer: CONOCOPHILLIP	°	Page 155 of 227
	Customer #: CRI2190	S Ticket #: Bid #:	700-1541072 O6UJ9A000JEC
LEE SO	Ordered by: SAM WIDMER AFE #:	Date:	3/14/2024
	PO #:	Generator: Generator #:	CONOCOPHILLIPS
ENVIRONMENTAL SOLUTIONS	Manifest #: 104	Well Ser. #:	999908
	Manif. Date: 3/14/2024 Hauler: MCNABB PARTNE		JAMES A WATER FLOOD
Permian Basin	Driver GUMER	RS Well #: Field:	
	Truck # M90	Field #:	
	Card # Job Ref #	Rig: County	NON-DRILLING
Facility: CRI			
Product / Service	the second s	Quantity Units	
Contaminated Soil (RCRA Ex	empt)	18.00 yards	
Generator Certification Stater	ment of Waste Status		
<u>X</u> RCRA Exempt: Oil Field wast <u>RCRA Non-Exempt: Oil field</u> characteristics established in RCR/ amended. The following documen	es generated from oil and gas exploration a waste which is non-hazardous that does no A regulations, 40 CFR 261.21-261.24 or list tation is attached to demonstrate the above A Hazardous Waste Analysis Process	and production operations and ot exceed the minimum standard ed hazardous waste as defined -described waste is non-hazard s Knowledge Other (Prov esentative Signature	are not mixed with non-exempt wast ds for waste hazardous by in 40 CFR, part 261, subpart D, as lous. (Check the appropriate items):
Approved By:		Date:	
		Date.	

Received by OCD: 10/22/2024 8 RECEIVER ONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	COLTON BICKERSTAFF	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quantit	ty Units	STATISTICS IN THE
Contaminated Soil (RCRA Exe	empt)	13	.00 yards	
	A regulations, 40 CF tation is attached to	R 261.21-261.24 or listed hazardo demonstrate the above-described	us waste as defined waste is non-hazard ge Other (Prov	in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval	1		-1	
	тні	S IS NOT AN INVO	DICE!	
Approved By:	e f	Date: <u>/</u>	03/14/2	4
	/			

14413 9.12:06AM

Received by OCD: 10/22/2024	8:33:22 Construction of the second se	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	Page 157 of 227 O6UJ9A000JEC 3/14/2024 CONOCOPHILLIPS 40946 999908 JAMES A WATER FLOOD
Facility: CRI			
Product / Service	Quant	tity Units	
Contaminated Soil (RCRA Ex	empt) 1	16.00 yards	
_ RCRA Non-Exempt: Oil field characteristics established in RCR amended. The following documer _ MSDS Information _ RCF Driver/ Agent Signature	tes generated from oil and gas exploration and produ waste which is non-hazardous that does not exceed A regulations, 40 CFR 261.21-261.24 or listed hazard natation is attached to demonstrate the above-describe RA Hazardous Waste Analysis Process Knowled R360 Representati	the minimum standar dous waste as defined ed waste is non-hazard dgeOther (Prov	ds for waste hazardous by l in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):
Customer Approval			
	THIS IS NOT AN INV	OICE!	
Approved By:	Date:		

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# APPENDIX F Analytical Laboratory Report



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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)

BTEX 8021B	mg	/kg	Analyze	d 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	95.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

## Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

## Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

## Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	<i>93.7</i>	% 49.1-14	8						

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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)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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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)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.4	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.4	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **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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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Sampler - UPS - Eus ∦ Other:		Relinguished By:	Relinquished By	event shall Cardinal be liable alfiliates or successors artsh	PLEASE NOTE Labity and D	9	2	4	6	14	1	SUL	5	Havila		Lab I.D.	Sampler Name:	Project Location	Project Name: J	Project #:	Phone #:	City: Austin	Address: 8911 (	Project Manage	Company Name: Tetra Tech	
le One) ⊍s ∞ Other:			Relinquished By: Colton Bickerstaff	for incidental or consequental dama g out of or related to the performance	FS-16 anages. Cardinal's lability and claests	FS-15	FS-14	FS-13	FS-12	FS-11			1-0-1	6	Sample I.D.		Sampler Name: Colton Bickerstaff	Project Location: Eddy County, New Mexico	Project Name: James A Waterflood Releases	212C-MD-02792	(512)565-0190		Address: 8911 Capital of Texas Hwy, Suite 2310	Project Manager: Ryan Dickerson	: Tetra Tech	101 East (575) 39
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Turnaround Time: S Rush VES 246- TAT	REMARKS: <u>24hr. RUSH TAT</u> on all samples.		All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com	Verbal Resu	and strength trace	The inclusion from										TIME	SAMPLING										1
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of the applicable service.

Inn



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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 9	% 71.5-13	24						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.0	% 49.1-14	10						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	0						

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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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.5	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

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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	Analyze	ed 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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)

BTEX 8021B	mg,	′kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

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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

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

	Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Relinquished By:		Relinquished By	avent shall Cardinal be liable for incidental or cor affiliates or successions aiking out of or related to	PLEASE NOTE Liability and D	-	200	_	2		-				Hay1169	I SPID	Sampler Name	Project Locatio	Project Name:	Project #:	Phone #:	City: Austin	Address: 8911	Project Manag	Company Name: Tetra Tech	Company Have
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Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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Page 19 of 20

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Received by OCD: 10/22/2024 8:33:21 AM

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

Page 20 of 20

Released to Imaging: 11/22/2024 7:51:22 AM

10 R



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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)

BTEX 8021B	mg/	/kg	Analyze	d 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	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.3	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Sampler - UPS - Bus - Other:		Relinquished By:	keiinquisned by:	minutes or successory arising	PLEASE NOTE: Lastily and Damages, c event shall Cardinal be lable for incide				4	4	A	1	1	Haylass	LabID	Sampler Name: (	Project Location	Project Name: J	Project #:	Phone #:	City: Austin	Address: 8911 C	Project Manager	Company Name: letra lech	2
s - Other:			Neimquisned By: Colton Bickerstaff	son arsing out of ar induid to the performance of services hyracides of venders of whether such claim is based upon any of the stocke stadiations, and whether such claim is based upon any of the stocke stadiat manone or athenese.	rages. Cardeal's basility and silent's excl or incidential or conversionatal demages					FS-10	FS-9		FS-7	Sample I.D.		Sampler Name: Colton Bickerstaff	Project Location: Eddy County, New Mexico	Project Name: James A Waterflood Releases	212C-MD-02792	(512)565-0190		Address: 8911 Capital of Texas Hwy, Suite 2310	Project Manager: Ryan Dickerson	: letra lech	
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† Cardinal cannot accept verbal changes. Please email changes to celey,keene@cardinallabsnm.com



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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Relinquished By:	Relinquished By	affiliation or successors areas	PLEASE NOTE: Liable, and Day event shall Cardinal be liable to						-	1010	Lab I.D.	FOR UNBLUSE ONLY	Sampler Name: Colton Bickerstaff	Project Location:	Project Name: Jai			City: Austin	Address: 8911 Ca	Project Manager: Christian Llull	Company Name: Tetra Tech	
her			Relinquished By: Colton Bickerstaff	A or or on second so to be become on an	PLEGE HOTE: Liablin and Dungen. Cardwith Hotits and dierits existive remedy for any damin many whether samalianis contrast or to dial to include the sound prior by source re-exemption. As a dial was a structure of the source of the sourc							Backfill-Composite	Sample I.D.		olton Bickerstaff	Project Location: Eddy County, New Mexico	Project Name: James A Com #001 Tank Release	212C-MD-03239 Pro	(512)565-0190 Fax #:		Address: 8911 Capital of Texas Hwy, Suite 2310	Christian Llull		101 East Maria (575) 393-232
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mix YES, 2464, TAT		REMARKS: Backfill-Composite sample collected at the out i use fit (association)	All Results are emailed. Please provide Email address: Christian Lluil@tetratech.com	Result:	A contraction of the	lock view from the maniference and sinv other cause	Ц	-	+		$\parallel$	×										L		
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FORM-006 R 3.2 10/07/21

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

General Information Phone: (505) 629-6116

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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

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Action 394405

QUESTIONS

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	394405
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

nAB1912758567							
NAB1912758567 JAMES A WATERFLOOD @ 0							
Produced Water Release							
Deferral Request Received							
[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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# **State of New Mexico** Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	394405
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

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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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com

Date: 10/22/2024

QUESTIONS, Page 2

Action 394405

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**QUESTIONS** (continued)

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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** (continued)

Operator.	UGRID.
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	394405
F F	Action Type:
	[C 111] Deferral Request C 111 (C 111 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	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
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.		
Yes		
sociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Yes		
No		
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
12400		
1398		
1150		
0		
0		
forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,		
03/04/2024		
03/05/2024		
03/20/2024		
16500		
2430		
16500		
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.

Action 394405

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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, Page 4

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Action 394405

QUESTIONS (continued)		
Operator:	OGRID:	
CONOCOPHILLIPS COMPANY	217817	
600 W. Illinois Avenue	Action Number:	
Midland, TX 79701	394405	
	Action Type:	
	[C-141] Deferral Request C-141 (C-141-v-Deferral)	

#### QUESTIONS

Remediation Plan (continued)

Remediation Flan (continued)		
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.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]	
OR which OCD approved well (API) will be used for off-site 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 on-site 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.	
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 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@tetratech.com	

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.

Date: 10/22/2024

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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, Page 5

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Action 394405

QUESTIONS (continued)		
Operator:	OGRID:	
CONOCOPHILLIPS COMPANY	217817	
600 W. Illinois Avenue	Action Number:	
Midland, TX 79701	394405	
	Action Type:	

[C-141] Deferral Request C-141 (C-141-v-Deferral)

# QUESTIONS

Deferral Requests Only		
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.		
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	
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 who the well or facility is plugged or abandoned, whichever comes first.		
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	
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.		
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com Date: 10/22/2024

General Information Phone: (505) 629-6116

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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** (continued)

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	394405
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

ling 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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Action 394405

General Information Phone: (505) 629-6116

CONDITIONS

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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

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CONDITIONS

Action 394405

CONDITIONS
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Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	394405
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Created B	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