

September 18, 2023

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

RE: Closure Report ConocoPhillips ConocoPhillips (Heritage COG Operating LLC) Cuatro Hijos Fee #004H Flowline Release Unit Letter A, Section 02, Township 19 South, Range 34 East Lea County, New Mexico Incident ID: nAPP2312933596

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips to assess an unplanned release that occurred from a flowline associated with the Cuatro Hijos Fee #004H (API #30-025-41752). The release footprint is located in Public Land Survey System (PLSS) Unit Letter A, Section 02, Township 19 South, Range 34 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.693649°, -103.522686°, 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 occurred on April 23, 2023. Approximately 1.78 barrels (bbls) of produced water were released from a hole in a flowline due to corrosion. The spill calculator provided with the C-141 indicates a release extent of approximately 400 square feet of pasture, as presented in Figure 3.

The NMOCD received the C-141 report form for the release on May 9, 2023, and subsequently assigned the release the Incident ID nAPP2312933596. According to ConocoPhillips internal records, the New Mexico State Land Office (NMSLO) was emailed a copy of the initial C-141. The initial C-141 is included as Appendix A.

LAND OWNERSHIP

According to the NMOCD Oil and Gas Map, the Site is located on State Trust Lands. A review of the NMSLO Land Status Map was completed and the Site is located within active oil and gas lease VB12840001, which is listed under Concho Oil & Gas LLC/COG Operations LLC. Based on guidance provided by the NMSLO, as the release footprint is located on an active oil and gas lease, and the footprint is wholly located within the boundaries of the active oil and gas lease, no Remediation Right of Entry (ROE) is required at the Site.

CULTURAL PROPERTIES PROTECTION

Tetra Tech, on behalf of ConocoPhillips, contracted SWCA Environmental Consultants (SWCA) to conduct an Archeological Resources Management Section (ARMS) review in the release area to comply with 19.2.24 NMAC and the Cultural Properties Protection (CPP) Rule. On June 27, 2023, SWCA completed a literature and file search using the State of New Mexico's New Mexico Cultural Resources Information

> TETRA TECH 901 West Wall St., Suite 100, Midland, TX 79701 Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

System online database which included a review of known historic resources, including the built environment, Laboratory of Anthropology, and State/National Register listed properties.

In the review, SWCA found the Site surroundings of 1 kilometer have been subject to sixteen (16) cultural resource surveys, eleven (11) of which are qualifying (completed within the last 10 years). There are no sites within 1 kilometer of the remediation area. The remediation area is completely located on NMSLO-managed lands and is covered by two (2) qualifying surveys conducted within the last ten years (NMCRIS No. 135745 and 128888). SWCA noted that all work will be done within previously surveyed area and therefore, does not recommend further survey at the Site location.

On June 21, 2023, NMSLO provided the verbal approval to SWCA that work was approved to begin at the Site. The ARMS review letter was submitted to the State Land Office on July 5, 2023. A copy of the ARMS letter is included in Appendix B.

SITE CHARACTERIZATION

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

A groundwater well search was performed through the New Mexico Office of the State Engineer (NMOSE) system. There are no water wells within a ½-mile (800-meter) radius of the Site; however, there is one active water well located 817 meters (0.52 miles) northwest of the release. The well has a recorded depth to water of 105 feet below ground surface (bgs). The site characterization data are included as Appendix C.

REGULATORY FRAMEWORK

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

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

Constituent	Site RRALs
Chloride	20,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

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

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

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SITE ASSESSMENT

On June 29, 2023, Tetra Tech personnel mobilized to the site and conducted assessment sampling on behalf of ConocoPhillips. Four (4) horizontal hand auger borings were advanced (AH-1 through AH-4) to depths of 1-foot bgs to the northeast, northwest, southwest, and southeast of the release to obtain horizontal delineation. Two (2) trenches (T-1 and T-2) were advanced within the release extent to obtain vertical delineation. T-1 was trenched to a depth of 6 feet bgs and T-2 to a depth of 1-foot bgs. The sampling locations are presented in Figure 3.

A total of ten (10) soil samples were collected and transmitted to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for chloride via EPA Method 4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B. A copy of the laboratory analytical reports and chain-of-custody documentation are included in Appendix D.

Analytical results from the 2023 assessment activities are summarized in Table 1. All analytical results were below applicable Site RRALs. However, samples collected from the upper 4 feet at trench locations T-1 and T-2 were above reclamation requirements and required remedial action. Vertical delineation was obtained at T-1 as the analytical results associated with the sample collected at 4-5 feet bgs were below the Site RRALs. Horizontal and vertical delineation were successfully completed as a result of the assessment activities. Photographic documentation of the release area and assessment activities are presented in Appendix E.

REMEDIATION WORK PLAN (NMSLO)

It was the intent of ConocoPhillips to remediate this unplanned release within 90 days of its discovery without submitting a remediation plan. However, as the release footprint is located on State Trust Lands, Tetra Tech provided notice of the planned remedial activities to the NMSLO Environmental Compliance Office (ECO) on August 1, 2023, along with site characterization data, figures, and tables. The remedial action was initially not approved by NMSLO, as the individual documents submitted did not meet the requirements for a remediation plan. The NMSLO requested that 19.15.29.13 NMAC be met, and reclamation details be provided to NMSLO ECO before work could proceed.

Per request, one .pdf file Work Plan (including the written narrative and associated attachments regarding planned remedial activities) was prepared by Tetra Tech on behalf of ConocoPhillips and subsequently submitted to NMSLO on August 3, 2023. The Work Plan described the results of the release assessment activities performed at the site, described the remedial action, and provided details on site reclamation. The Work Plan was approved via email by Ms. Tami Knight, Environmental Specialist, ECO on August 4, 2023. A copy of the NMSLO correspondence is included in Appendix B.

REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING

In August 2023, Tetra Tech personnel were onsite to remediate the release based on the results of the assessment sampling, including excavation, disposal and backfill. The extent of impacted soils was confirmed with field soil screening data and then excavated to 4 feet bgs throughout the release extent. The release footprint (including sample locations T-1 and T-2) was excavated to a depth of 4 feet bgs.

All of the excavated material was transported offsite for proper disposal. Approximately fifty-two (52) cubic yards of material were transported to the R360 Halfway Facility in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix F.

Prior to confirmation sampling, the NMOCD district office was notified via email on August 9, 2023, in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix B. On August 14, 2023, Tetra Tech personnel were onsite for confirmation sampling. Confirmation floor and sidewall samples were collected for laboratory analysis to

ConocoPhillips

verify impacted materials were properly removed. Each confirmation sample laboratory analytical result was directly compared to the proposed RRALs/reclamation requirements to demonstrate compliance.

In accordance with Subsection D of 19.15.29.12 NMAC, confirmation samples were collected such that each discrete sample (sidewall and floor) were representative of no more than 200 square feet of excavated area. A total of two (2) floor sample locations and four (4) sidewall sample locations were used during the remedial activities. Confirmation sidewall sample locations were labeled with "SW"-#, and confirmation floor sample locations were labeled with "FS"-#. Analytical results for all confirmation soil samples (floor and sidewall) were below the RRALs for chloride, BTEX, and TPH. The results of the 2023 confirmation sampling events are summarized in Table 2. Laboratory analytical data is included in Appendix D.

Once confirmation sampling activities were completed, the excavated areas were backfilled with clean material to surface grade. Photographs from the excavated areas prior to backfill are provided in Appendix E. The backfilled areas were seeded to aid in revegetation. Based on the soils at the Site, the NMSLO Loamy (L) Sites Seed Mixture was used for seeding and planted in the amount specified in the pounds pure live seed (PLS) per acre. Remediated areas, depths and confirmation sample locations are shown in Figure 4.

CONCLUSION

As noted, ConocoPhillips elected to remediate the release and submit a closure report within 90 days of discovery of the release, per Subsection B of 19.15.29.12 NMAC; however, Tetra Tech and ConocoPhillips experienced a delay in scheduling the assessment and remediation activities at the site while in the process of complying with the New Mexico State Land Office's Cultural Properties Protection Rule and the NMSLO application and permitting requirements per Rule 12 (19.2.12 NMAC). An extension to October 20, 2023, was approved by NMOCD in an email dated July 20, 2023. A copy of the regulatory correspondence is included in Appendix B.

ConocoPhillips respectfully requests closure of the release based on the confirmation sampling results and remediation activities performed. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation activities for the Site, please call me at (512) 739-7874.

Sincerely, Tetra Tech, Inc.

Samantha K. Abbott, P.G. Project Manager

cc: Mr. Jacob Laird, PBU – ConocoPhillips

Christian M. Llull, P.G. Program Manager

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map

Figure 2 – Topographic Map

Figure 3 – Site Assessment

Figure 4 – Remediation Extent and Confirmation Sampling Locations

Tables:

Table 1 – Summary of Analytical Results – Soil Assessment

Table 2 - Summary of Analytical Results - Soil Remediation

Appendices:

Appendix A – C-141 Forms

Appendix B – Regulatory Correspondence

Appendix C – Site Characterization

Appendix D– Laboratory Analytical Data

Appendix E – Photographic Documentation

Appendix F – Waste Manifests

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FIGURES



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TABLES

TABLE 1 SUMMARY OF ANALYTICAL RESULTS SOIL ASSESSMENT- nAPP2312933596 CONOCOPHILLIPS CUATRO HIJOS FEE 4H FLOWLINE RELEASE LEA COUNTY, NM

10.15.20	9.12 NMAC Closure Crit	aria far Caila Impacto	d hu o Dologo	o (>100 ft);	Chloride	es ¹					BTEX	2								Т	PH ³		
19.13.29	5.12 NWAC Closure Ch	ena for sons impacte	u by a releas	e (>100 m).	20,000 m	g/kg	< 10 mg	/kg							< 50 mg	/kg	GRO		DRO		EXT DI	20	< 2,500 mg/kg
		Sample Depth	Field Screen	ing Results	Chloric	10	Benzer	ne	Toluer	Toluene Ethylbenzene		Total Xyl	Total Xylenes		Total BTEX					EXT BRO		Total TPH	
Sample ID	Sample Date	Interval	Chlorides	PID	emorie		Delizer										C ₆ - C ₁₀		$C_6 - C_{10} > C_{10} - C_{28}$		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)
		ft. bgs	ррі	m	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
AH-1	6/29/2023	0-1	112		32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		20.0		20.0
AH-2	6/29/2023	0-1	69.5		32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		15.4		15.4
AH-3	6/29/2023	0-1	70.3		32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-4	6/29/2023	0-1	83.6		16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		0-1	OL		16,100		<0.050		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0		-
		2-3	6,580		5,730		<0.050		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0		-
T-1	6/29/2023	3-4	1,870		1,280		<0.050		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0		-
		4-5	1,300		1,360		<0.050		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0		-
		5-6	200		80.0		<0.050		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0		-
T-2	6/29/2023	0-1	11,170		12,200		<0.050		<0.050		<0.050		<0.050		<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

OL Over Limit

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

QUALIFIERS:

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TABLE 2 SUMMARY OF ANALYTICAL RESULTS SOIL REMEDIATION - NAPP2312933596 CONOCOPHILLIPS CUATRO HIJOS FEE 4H FLOWLINE RELEASE LEA COUNTY, NM

									BTEX	2								т	PH ³				
Sample ID	Sample Date	Sample Depth	Chlori	de	Benzen	Demons		Demons Tab		Toluene Ethylbenzene		2000	Total Yulanas		Total BTEX		GRO		DRO		EXT DRO		Total TPH
Sample ib	Sample Date				Delizeri	e	Toluen	le	Ethylben	zene	Total Xylenes		TOLAT BLEX		C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)		
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		
NSW-1	8/15/2023	-	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		
SSW-1	8/15/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		
ESW-1	8/15/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		
WSW-1	8/15/2023	-	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		
FS-1	8/15/2023	4	320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		
FS-2	8/15/2023	4	336		<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

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

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Incident ID	
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Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Longitude

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

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name:

Nature and Volume of Release

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

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

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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?
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

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:

The source of the release has been stopped.

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	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by: Jocelyn Harimon	Date:05/09/2023

Received by OCD: 9/19/2023 8:27:07 AM Spill Calculation - Subsurface						Spill - Rectangle	NAPP2312933596	
Convert Irregular shape into a series of rectangles		a superior	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%.)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	
Rectangle A	20.0	20.0	2.0	Off-Pad ∽	15.02%	11.87	1.78	
Rectangle B				~		0.00		
Rectangle C				~		0.00		
Rectangle D				~		0.00		
Rectangle E				~		0.00		
Rectangle F				~	s	0.00		
Rectangle G				~		0.00		
Rectangle H	8			~	8	0.00	2	
Rectangle I				~		0.00		
Released to Imaging:	12/18/202	3 4:28:4	7 PM	~		0.00		
Total Subsurface Volume Released: 1.7824								

Remediation	on Recommendation
Total Estimated Contaminated Soil, uncompacted, 25% (yd ³ .)	
3.09 0.00 0.00 0.00 0.00 0.00 0.00 0.00	750
3.09	BU

Received by OCD: 9/19/2023 8:27:07 AM Form C-141 State of New Mexico

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
Field data
Data table of soil contaminant concentration data
Depth to water determination
Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
Boring or excavation logs
Photographs including date and GIS information
Topographic/Aerial maps

Laboratory data including chain of custody

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

Received by OCD: 9/19/2	2023 8:27:07 AM State of New Mexico	Page 19 of 76
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regulations all operators and public health or the enviro failed to adequately invest addition, OCD acceptance and/or regulations.	re required to report and/or file certain release notification nment. The acceptance of a C-141 report by the OCD of igate and remediate contamination that pose a threat to of a C-141 report does not relieve the operator of respondence Tit	t of my knowledge and understand that pursuant to OCD rules and tions and perform corrective actions for releases which may endanger O does not relieve the operator of liability should their operations have o groundwater, surface water, human health or the environment. In ponsibility for compliance with any other federal, state, or local laws itle:
email:	Tel	elephone:
OCD Only Received by:		Date:

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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.

<u>Closure Report Attachment Checklist</u>: Each of the following i	items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially inditions that existed prior to the release or their final land use in
	Title:
Signature: Jacob Laird	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by: <u>Scott Rodgers</u>	Date:
Printed Name:	Environmental Specialist Advanced

APPENDIX B Regulatory Correspondence



Albuquerque Office 5647 Jefferson Street NE Albuquerque, New Mexico 87109 Tel 505.254.1115 Fax 505.254.1116 www.swca.com

July 5, 2023

TO: David Eck or Lia Tsesmeli, Archaeologist, New Mexico State Land Office, Santa Fe, New Mexico

FROM: SWCA Environmental Consultants

SUBJECT: Completion of an Archaeological Resources Management Section (ARMS) Review for the Cuatro Hijos Fee 4H PW Flowline Release Project on New Mexico State Land Office (SLO) lands in Lea County, NM

Company Ref No:

PROJECT DESCRIPTION:

Tetra Tech, Inc. has requested that SWCA Environmental Consultants (SWCA) conduct an Archaeological Resources Management Section (ARMS) review for an inadvertent release in Lea County, New Mexico. The proposed project is located on New Mexico State Trust Lands approximately 37.19 kilometers (23.11 miles) west of Hobbs, NM in T19S R34E, Section 2.

A literature and file search were conducted on June 27, 2023, using the State of New Mexico's New Mexico Cultural Resources Information System online database which included a review of known historic resources, including the built environment, Laboratory of Anthropology, and State/National Register listed properties. Other sources reviewed include the BLM GLO Records web site, http://www.glorecords.blm.gov, which include land patent and general land office survey data. As this area was not settled by Spain, land grant records were not reviewed. The review was conducted for the Area of Potential Effect (APE) and since there were no sites within 500 meters of the APE, the review was conducted to 1 kilometer surrounding the APE. The land the proposed project is located on is part of the June 21, 1934: State Grant-School Sec Patent (48 Stat. 1185) patented on December 31, 1959.

Recommendation:

The project area and surrounding 1 kilometer have been subject to sixteen (16) cultural resource surveys, eleven (11) of which are qualifying (completed within the last 10 years). There are no sites within 1km of the remediation area. The remediation area is completely located on SLO-managed lands and is covered by two (2) qualifying surveys conducted within the last ten years (NMCRIS No. 135745 and 128888). All work will be done within the previously surveyed area, and therefore, SWCA does not recommend further survey at this location. If cultural materials are identified during ground disturbing activities, work must stop and the SLO must be contacted.

Information regarding the findings can be found in Table 1 in enclosure (1).

Alasa H. Goaly

Archaeologist Alissa Healy

Enclosure: (1) Review Results, (2) ARMS Map



Albuquerque Office 5647 Jefferson Street NE Albuquerque, New Mexico 87109 Tel 505.254.1115 Fax 505.254.1116 www.swca.com

Archaeological Resources Management System (ARMS) Review Results

Table 1: Cultural surveys within 1000 meters (0.62 miles) of proposed project.

- 2168

NMCRIS No.	Performing Organization	Date of Investigation	Acres Surveyed	Sites Visited
14689	New Mexico Archaeological Services, Inc	7/1/1980	13.07	0
15614	NM State Highway & Transportation Dept	11/17/1982	106.4	0
124302	Lone Mountain Archaeological Services	3/30/2012	825.43	9
125145	Lone Mountain Archaeological Services	7/28/2012	47.26	0
126352	Advanced Archaeological Solutions	2/9/2013	97.1	0
127915	Marron and Associates	6/10/2013	113.62	0
128888	Boone Arch Svcs of NM	10/15/2013	98.6	0
132233	Statistical Research, Inc.	7/8/2014	9528.07	79
133687	Boone Arch Svcs of NM	6/25/2015	119.34	0
135735	Boone Arch Svcs of NM	5/3/2016	27.53	0
140259	Lone Mountain Archaeological Services	4/19/2018	8.26	0
141048	Lone Mountain Archaeological Services	4/23/2018	29148.32	247
144916	Lone Mountain Archaeological Services	1/3/2020	8.25	0
146719	Goshawk Environmental Consulting	9/30/2020	66.89	0
147077	Lone Mountain Archaeological Services	12/4/2020	20.75	0
153212	APAC	6/7/2023	47.24	0





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*No Sites within 1km of the proposed remediation location.

2168



Figure 1. ARMS screenshot showing previous surveys (brown and yellow polygons), previously recorded sites (red polygons), and the 1000 m buffer (blue circle).

From:	Velez, Nelson, EMNRD
To:	Abbott, Sam
Cc:	Jacob.Laird@conocophillips.com; Llull, Christian; Chavira, Lisbeth; Bratcher, Michael, EMNRD
Subject:	Extension Request - Incident ID NAPP2312933596
Date:	Thursday, July 20, 2023 10:11:17 AM
Attachments:	Outlook-rbpn3vaf.pna

Some people who received this message don't often get email from nelson.velez@emnrd.nm.gov. <u>Learn why this</u> is important

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Good morning Samantha,

90-day time extension request is approved. Remediation Due date has been updated to 10/20/2023 within the incident page.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/



Previous email submitted;

From: Abbott, Sam <Sam.Abbott@tetratech.com>
Sent: Wednesday, July 19, 2023 3:06 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Laird, Jacob <Jacob.Laird@conocophillips.com>; Llull, Christian <Christian.Llull@tetratech.com>;

Chavira, Lisbeth <LISBETH.CHAVIRA@tetratech.com> **Subject:** [EXTERNAL] Extension Request - Incident ID NAPP2312933596

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To Whom it May Concern,

On behalf of ConocoPhillips, Tetra Tech is requesting an additional 90-day extension (until October 20, 2023) to complete remediation activities and associated reporting for the Cuatro Hijos Fee #004H site (**NAPP2312933596**).

The release occurred on April 23, 2023. The initial C-141 for this release was received by NMOCD on 5/9/2023. ConocoPhillips immediately commenced pursuing a 90-day (July 22, 2023) release characterization and closure per 19.15.29.11(A) NMAC.

The release footprint is located on State Trust lands. As of December 1, 2022 New Mexico State Land Office's Cultural Properties Protection (CPP) Rule is in effect. In tandem with this CPP rule, the NMSLO has begun enforcing application and permitting requirements per Rule 12 (19.2.12 NMAC) for Water/Soil Boring Exploration Permits. Any intrusive activities (i.e. # soil borings to be drilled, sampling to be conducted, etc.) must be permitted through the Water Bureau, Oil, Gas, and Minerals Division, New Mexico State Land Office.

Tetra Tech and ConocoPhillips experienced a delay in scheduling assessment at the Cuatro Hijos Fee #004H Release site while in the process of complying with these rules. The allocation of resources required to complete the cultural survey requirements and the Water/Soil Boring Exploration permit process are demanding and require additional time for coordination with not only regulatory personnel but additional archaeological subcontractors and cultural specialists. The cultural survey is now completed, the archaeological report is submitted and approved by State Land Office Cultural Resources, and the permitting process is completed. Tetra Tech and ConocoPhillips have initiated assessment activities at the site, and need additional time to complete the remediation activities and subsequent reporting.

Please let me know if you have any questions or concerns.

Thank you in advance.

Sam

Samantha Abbott, PG | Project Manager Direct Mobile +1 (512) 739-7874 | Business +1 (512) 338-1667 | Sam.Abbott@tetratech.com

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Page 2	7 0	f 76
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From:	Llull, Christian
To:	<u>Allen, Samantha</u>
Subject:	Fwd: REVISED (Remediation Plan) Cuatro Hijos Fee 4H PW Flowline (nAPP2312933596) 4-23-23
Date:	Wednesday, August 30, 2023 10:11:16 AM
Attachments:	image001.jpg
	image015.jpg
	image016.jpg
	image017.jpg
	image018.png
	image019.png
	image020.png
	image021.png
	image022.png
	image023.jpg
	image024.jpg
	image025.jpg
	image026.png
	image027.png
	image028.png
	image029.png
	image030.png

Christian

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From: Knight, Tami C. <tknight@slo.state.nm.us>
Sent: Friday, August 4, 2023 2:55:06 PM
To: Llull, Christian <Christian.Llull@tetratech.com>
Cc: Abbott, Sam <Sam.Abbott@tetratech.com>; Chavira, Lisbeth
<LISBETH.CHAVIRA@tetratech.com>; SLO Surface ECO <SLOSurfaceECO@slo.state.nm.us>
Subject: RE: REVISED (Remediation Plan) Cuatro Hijos Fee 4H PW Flowline (nAPP2312933596) 4-23-23

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Christian

Thank you for the revisions to the remediation workplan. ECO approves the remediation workplan.

We look forward to receipt of the closure report.

Have a great weekend



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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From: Llull, Christian <Christian.Llull@tetratech.com>
Sent: Thursday, August 3, 2023 1:04 PM
To: SLO Spills <spills@slo.state.nm.us>
Cc: Knight, Tami C. <tknight@slo.state.nm.us>; Abbott, Sam <Sam.Abbott@tetratech.com>; Chavira, Lisbeth <LISBETH.CHAVIRA@tetratech.com>
Subject: [EXTERNAL] REVISED (Remediation Plan) Cuatro Hijos Fee 4H PW Flowline (nAPP2312933596) 4-23-23

Tami:

Per request, attached is one pdf file Work Plan that includes the written narrative and associated attachments regarding planned remedial activities at the Cuatro Hijos Fee 4H PW Flowline Release, Incident ID nAPP2312933596.

Incident ID nAPP2312933596 Details:

- Release Location: 32.693649° -103.522686°
- Site is located in Lea County, NM.
- Landowner: NMSLO
 - Located within active lease VB12840001 (Concho Oil and Gas LLC/COG Operations LLC)
- According to the C-141, the release occurred on April 23, 2023.
 - The release consisted of 1.7824 bbls of produced water, of which none were recovered.
 - The release was caused by a hole in flowline due to corrosion.
 - SLO received a copy of the initial C-141.
- The release occurred in the pasture along a lease road.

<u>19.15.29.13</u> NMAC will be met and reclamation details are provided. Please let me know at your earliest convenience if we are cleared to proceed. If you have any questions, please let me know.

Thank you,

Christian

Christian Llull, P.G. | Program Manager Mobile +1 (512) 565-0190 | <u>christian.llull@tetratech.com</u>

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?	

From: Knight, Tami C. <<u>tknight@slo.state.nm.us</u>>
Sent: Wednesday, August 2, 2023 4:58:54 PM

To: Chavira, Lisbeth <<u>LISBETH.CHAVIRA@tetratech.com</u>>
 Cc: Abbott, Sam <<u>Sam.Abbott@tetratech.com</u>>; Llull, Christian <<u>Christian.Llull@tetratech.com</u>>; SLO
 Surface ECO <<u>SLOSurfaceECO@slo.state.nm.us</u>>
 Subject: RE: Cuatro Hijos Fee 4H PW Flowline Release - Incident ID: nAPP2312933596 - Not
 Approved

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Lisbeth

NMSLO-ECO has review the multiple documents submitted regarding the subject release. We are not able to approve the remediation plan at this time because it does not meet the requirements for a remediation plan, see attached document checklist. The remediation has impacted an undisturbed pasture; therefore, <u>19.15.29.13</u> NMAC must be met and reclamation details must be provided to NMSLO ECO before work can proceed.

Please revise the remediation plan to meet required documentation. Also, ECO encourages you and your client to refer to their NMSLO ROW lease contract for specific remediation and reclamation requirements, outside of NMOCD Rules.

For future submittals, ECO would appreciate one pdf file that includes the written narrative and associated attachments.

If you have questions please let us know.



New Mexico State Land Office 1300 W. Broadway Avenue, Suite A Bloomfield, NM 87413 <u>tknight@slo.state.nm.us</u> <u>nmstatelands.org</u>

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From: Chavira, Lisbeth <<u>LISBETH.CHAVIRA@tetratech.com</u>>

Sent: Tuesday, August 1, 2023 4:25 PM

To: Knight, Tami C. <<u>tknight@slo.state.nm.us</u>>

Cc: Abbott, Sam <<u>Sam.Abbott@tetratech.com</u>>; Llull, Christian <<u>Christian.Llull@tetratech.com</u>>; **Subject:** [EXTERNAL] Cuatro Hijos Fee 4H PW Flowline Release - Incident ID: nAPP2312933596

Tami,

Tetra Tech would like to provide notice of planned remedial activities at the Cuatro Hijos Fee 4H PW Flowline Release.

Below are site details associated with Incident ID nAPP2312933596:

Incident ID nAPP2312933596 Details:

- Release Location: 32.693649° -103.522686°
- Site is located in Lea County, NM.
- Landowner: NMSLO
 - Located within active lease VB12840001 (Concho Oil and Gas LLC/COG Operations LLC)
- According to the C-141, the release occurred on April 23, 2023.
 - The release consisted of 1.7824 bbls of produced water, of which none were recovered.
 - The release was caused by a hole in flowline due to corrosion.
 - SLO received a copy of the initial C-141.
- The release occurred in the pasture along a lease road.
- Tetra Tech contracted SWCA on behalf of ConocoPhillips to conduct an ARMS review, attached is the submitted ARMS Review Letter.
 - The remediation area is completely located on SLO-managed lands and is covered by two (2) qualifying surveys conducted within the last ten years (NMCRIS No. 135745 and 128888). All work will be done within the previously surveyed area, and therefore, SWCA did not recommend further survey at this location.
- On June 29, 2023, Tetra Tech assessed the site for horizontal and vertical delineation:
 - Two trenches to various depths to evaluate the vertical extent of the release.
 - Four hand auger borings were installed to 1 ft bgs to obtain horizontal delineation.
 - Figures and tables are included.

Incident ID nAPP2312933596 Site Characterization:

- A groundwater well was located within 800-meters of the site at a depth of 105 ft, this with low karst potential sets the RRALs at 20,000 mg/kg for chloride and 2,500 mg/kg for TPH.
- The Site is in an area of low karst potential.
- A site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, stream bodies, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC).

To be in accordance with <u>19.15.29.12</u> NMAC, Tetra Tech has requested an extension with NMOCD and received approval.

Planned remedial activities are slated to begin on August 7, 2023.

- The release area will be excavated to a depth of 4 ft bgs.
- Confirmation floor and sidewall samples will be collected to represent no more than 200 square feet.

Please let me know at your earliest convenience in we are cleared to proceed. If you have any questions, please let me know.

Thank you,

Lisbeth Chavira | Staff Geoscientist Direct Mobile +1 (512) 596-8201 | Lisbeth.chavira@tetratech.com

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Poole, Nicholas

From:	Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov></shelly.wells@emnrd.nm.gov>
Sent:	Wednesday, August 9, 2023 3:11 PM
То:	Poole, Nicholas
Cc:	Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject:	RE: [EXTERNAL] Incident ID: nAPP2312933596,- Confirmation Sampling

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

🕂 CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. <u>/</u>

Hi Nicholas,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

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

From: Poole, Nicholas <NICHOLAS.POOLE@tetratech.com>
Sent: Wednesday, August 9, 2023 1:12 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Abbott, Sam <Sam.Abbott@tetratech.com>; Chavira, Lisbeth <LISBETH.CHAVIRA@tetratech.com>
Subject: [EXTERNAL] Incident ID: nAPP2312933596,- Confirmation Sampling

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Incident ID (n#) nAPP2312933596 (Cuatro Hijos Fee 4H)

To whom it may concern,

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

Remediation activities of the release will begin Monday, August 14, 2023.

Thus, on behalf of ConocoPhillips for the above referenced incident, Tetra Tech is duly providing this communication which serves as notification that final confirmation sampling will be conducted at this site **Monday, August 14, 2023.**

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

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

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APPENDIX C Site Characterization Data

OCD - Karst Potential Map



6/12/2023, 9:53:34 AM Karst Occurrence Potential Low



BLM, OCD, New Mexico Tech, Maxar, Microsoft, Esri, HERE, Garmin, iPC
Received by OCD: 9/19/2023 8:27:07 AM

OCD - NM SLO Oil and Gas Leases



6/12/2023, 9:57:17 AM

- Oil and Gas Leasing Restrictions
- Oil and Gas Leases



Esri, HERE, Garmin, iPC, Maxar

•

OCD Waterbodies



8/1/2023, 3:56:07 PM



Esri, HERE, Garmin, iPC, Maxar, NM OSE

•

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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)	(quarters are 1=NW 2 (quarters are smalles		SE) NAD83 UTM in me	eters) (In feet)
POD Number	POD Sub- Code basin Cou	QQQ unty 64 16 4 Sec Tws	Rng)	(Y	•	Depth Water Water Column
L 11934 POD1	LL	E 3 3 4 35 18S	34E 63780	· · · · ·	817 160 ge Depth to Water:	
					Minimum Depth: Maximum Depth:	

UTMNAD83 Radius Search (in meters):

Easting (X): 638485.91

Northing (Y): 3618290.16

Radius: 850

*UTM location was derived from PLSS - see Help

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

APPENDIX D Laboratory Analytical Data



July 03, 2023

SAM ABBOTT TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND, TX 79701

RE: CUATRO HIJOS FEE 4H FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/29/23 11:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: AH - 1 (0-1') (H233363-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2023	ND	2.22	111	2.00	2.80	
Toluene*	<0.050	0.050	06/29/2023	ND	2.20	110	2.00	2.35	
Ethylbenzene*	<0.050	0.050	06/29/2023	ND	2.14	107	2.00	2.37	
Total Xylenes*	<0.150	0.150	06/29/2023	ND	6.59	110	6.00	3.28	
Total BTEX	<0.300	0.300	06/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	32.0	16.0	06/30/2023	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	06/29/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/29/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	20.0	10.0	06/29/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: AH - 2 (0-1') (H233363-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	2.22	111	2.00	2.80	
Toluene*	<0.050	0.050	07/03/2023	ND	2.20	110	2.00	2.35	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.14	107	2.00	2.37	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.59	110	6.00	3.28	
Total BTEX	<0.300	0.300	07/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 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	32.0	16.0	06/30/2023	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	06/29/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/29/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	15.4	10.0	06/29/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: AH - 3 (0-1') (H233363-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2023	ND	2.22	111	2.00	2.80	
Toluene*	<0.050	0.050	06/30/2023	ND	2.20	110	2.00	2.35	
Ethylbenzene*	<0.050	0.050	06/30/2023	ND	2.14	107	2.00	2.37	
Total Xylenes*	<0.150	0.150	06/30/2023	ND	6.59	110	6.00	3.28	
Total BTEX	<0.300	0.300	06/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	32.0	16.0	06/30/2023	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	06/29/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/29/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	06/29/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: AH - 4 (0-1') (H233363-04)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2023	ND	2.22	111	2.00	2.80	
Toluene*	<0.050	0.050	06/30/2023	ND	2.20	110	2.00	2.35	
Ethylbenzene*	<0.050	0.050	06/30/2023	ND	2.14	107	2.00	2.37	
Total Xylenes*	<0.150	0.150	06/30/2023	ND	6.59	110	6.00	3.28	
Total BTEX	<0.300	0.300	06/30/2023	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	16.0	16.0	06/30/2023	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	06/29/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/29/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	06/29/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: T - 1 (0-1') (H233363-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2023	ND	2.22	111	2.00	2.80	
Toluene*	<0.050	0.050	06/30/2023	ND	2.20	110	2.00	2.35	
Ethylbenzene*	<0.050	0.050	06/30/2023	ND	2.14	107	2.00	2.37	
Total Xylenes*	<0.150	0.150	06/30/2023	ND	6.59	110	6.00	3.28	
Total BTEX	<0.300	0.300	06/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 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	16100	16.0	06/30/2023	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	06/29/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/29/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	06/29/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: T - 1 (2'-3') (H233363-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2023	ND	2.22	111	2.00	2.80	
Toluene*	<0.050	0.050	06/30/2023	ND	2.20	110	2.00	2.35	
Ethylbenzene*	<0.050	0.050	06/30/2023	ND	2.14	107	2.00	2.37	
Total Xylenes*	<0.150	0.150	06/30/2023	ND	6.59	110	6.00	3.28	
Total BTEX	<0.300	0.300	06/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	5730	16.0	06/30/2023	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	06/29/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/29/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	06/29/2023	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: T - 1 (3'-4') (H233363-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2023	ND	2.22	111	2.00	2.80	
Toluene*	<0.050	0.050	06/30/2023	ND	2.20	110	2.00	2.35	
Ethylbenzene*	<0.050	0.050	06/30/2023	ND	2.14	107	2.00	2.37	
Total Xylenes*	<0.150	0.150	06/30/2023	ND	6.59	110	6.00	3.28	
Total BTEX	<0.300	0.300	06/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	1280	16.0	06/30/2023	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	06/29/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/29/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	06/29/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 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 SAM ABBOTT 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 Fax To: (432) 682-3946

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: T - 1 (4'-5') (H233363-08)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2023	ND	2.05	102	2.00	1.84	
Toluene*	<0.050	0.050	06/30/2023	ND	2.03	102	2.00	2.13	
Ethylbenzene*	<0.050	0.050	06/30/2023	ND	2.00	100	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/30/2023	ND	6.10	102	6.00	1.86	
Total BTEX	<0.300	0.300	06/30/2023	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	1360	16.0	06/30/2023	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	06/30/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/30/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	06/30/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: T - 1 (5'-6') (H233363-09)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2023	ND	2.05	102	2.00	1.84	
Toluene*	<0.050	0.050	06/30/2023	ND	2.03	102	2.00	2.13	
Ethylbenzene*	<0.050	0.050	06/30/2023	ND	2.00	100	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/30/2023	ND	6.10	102	6.00	1.86	
Total BTEX	<0.300	0.300	06/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	80.0	16.0	06/30/2023	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	06/30/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/30/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	06/30/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/29/2023	Sampling Date:	06/29/2023
Reported:	07/03/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: T - 2 (0-1') (H233363-10)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/30/2023	ND	2.05	102	2.00	1.84	
Toluene*	<0.050	0.050	06/30/2023	ND	2.03	102	2.00	2.13	
Ethylbenzene*	<0.050	0.050	06/30/2023	ND	2.00	100	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/30/2023	ND	6.10	102	6.00	1.86	
Total BTEX	<0.300	0.300	06/30/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	12200	16.0	06/30/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/30/2023	ND	169	84.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	06/30/2023	ND	156	78.1	200	0.512	
EXT DRO >C28-C36	<10.0	10.0	06/30/2023	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Time	Relinquished By: Colton Bickerstaff Date: 6/29/23	affiales or successors arising out of or related to the performance of services hereunder by Cardinul, regardless of whether such dahn is based upon any of the above stated reasons or otherwise	event shall Cardinal be laade for indexing in consequent all surgering without limitation bears interruptions based may be an overplanded by the direct the analyses. All claims including these for negligence and any other causes vibabonees	PLEASE NOTE: Labelly and Franciscon Charlengin Robits and American Charlenging Robits and American Street	_	-	(T-1 (3-4))	9 T 1 (2:4)	5 1-1 (0-1) T-1 (0-1)	(-1) (1 IN	(1-0) C-UV C		AH-2 (0-17)	AH_1 (0_10	Lab I.D. Sample I.D.	FOR LHE USE UNLY	Sampler Name: Colton Bickerstaff	Project Location: Lea County, New Mexico	Project Name: Cuatro Hijos Fee 4H Flowline Release	Project #: 212C-MD-03154 Project Owner:	(512)565-0190 Fax #:	un	Address: 8911 Capital o Texas Hwy, Suite 2310	Project Manager: Sam Abbott	Company Name: letra lech	(575) 393-2326 FAX (575) 393-2476
45 11111	29/23 Received By:	by Cardinal, regardless of whether such claim is based	im ansing whether based in contract or tort, shall be limited itation, business interruptions, loss of use, or loss of n	G 1 X	G 1 X	G I X						G I X	•	Gf W	R (C)OMP. NERS VATER TER	MA:			se	ner: ConocoPhillips	ð.	State: TX Zip:				(575) 393-2476
All	11/11	upon any of the above stated reasons or otherwise.	to the amount paid by the client for the analyses. All client for the analyses.	X 6/29/2023	X 6/29/2023	X 6/29/2023	X 6/29/2023	X 6/29/2023	X 6/29/2023	X 6/29/2023	X 6/29/2023	X 6/29/2023	A 0/29/2023		RESERV.	DDECEDV	Fax #:	Phone #:	State: Zip:	hillips City:	Address: EMAIL	Attn: Sam Abbott	Company: Tetra Tech	P.O. #:	BILL TO	
All Results are emailed. Please provide Email address: Sam,Abbott@tetratech.com	Verbal Result: Ves N		aims including those for negligence and any other c	XX	X X	XX	X X	X X	X X	X X	XX	X X	XX	TIME	015M 8021B										0	
provide Email address: Sam.Al	No Add'I Phone #:		ause whatsoever shall be deemed waived unle	X	X	X	X	X	X	X	X	X	X	С	le SM45	5(000	CI-	B						ANALYSIS REQUEST	
bbott@tetratech.com			shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable earlies. In on																						UEST	

Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C Time: 5.6 ed by: Cool Miact Sample Cor CHECKED BY: (Initials) .0 REMARKS lush: N/A, Standard TAT rmometer ID #113 rection Factor -0.5°C ound Time: * Cool Bacteria (only) Sample Condition Intact ved Temp. "C Ves Ves

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

FORM-006 R 3.2 10/07/21



August 16, 2023

SAM ABBOTT TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND, TX 79701

RE: CUATRO HIJOS FEE 4H FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/15/23 13:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	08/15/2023	Sampling Date:	08/15/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: NSW - 1 (H234375-01)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2023	ND	2.07	103	2.00	3.36	
Toluene*	<0.050	0.050	08/16/2023	ND	2.02	101	2.00	1.82	
Ethylbenzene*	<0.050	0.050	08/16/2023	ND	1.93	96.6	2.00	2.80	
Total Xylenes*	<0.150	0.150	08/16/2023	ND	5.84	97.3	6.00	3.74	
Total BTEX	<0.300	0.300	08/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 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	32.0	16.0	08/16/2023	ND	416	104	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	08/16/2023	ND	182	91.2	200	4.80	
DRO >C10-C28*	<10.0	10.0	08/16/2023	ND	184	92.2	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	08/16/2023	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/15/2023	Sampling Date:	08/15/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: SSW - 1 (H234375-02)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2023	ND	2.07	103	2.00	3.36	
Toluene*	<0.050	0.050	08/16/2023	ND	2.02	101	2.00	1.82	
Ethylbenzene*	<0.050	0.050	08/16/2023	ND	1.93	96.6	2.00	2.80	
Total Xylenes*	<0.150	0.150	08/16/2023	ND	5.84	97.3	6.00	3.74	
Total BTEX	<0.300	0.300	08/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.0	% 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	<16.0	16.0	08/16/2023	ND	416	104	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	08/16/2023	ND	182	91.2	200	4.80	
DRO >C10-C28*	<10.0	10.0	08/16/2023	ND	184	92.2	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	08/16/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/15/2023	Sampling Date:	08/15/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: ESW - 1 (H234375-03)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2023	ND	2.07	103	2.00	3.36	
Toluene*	<0.050	0.050	08/16/2023	ND	2.02	101	2.00	1.82	
Ethylbenzene*	<0.050	0.050	08/16/2023	ND	1.93	96.6	2.00	2.80	
Total Xylenes*	<0.150	0.150	08/16/2023	ND	5.84	97.3	6.00	3.74	
Total BTEX	<0.300	0.300	08/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 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	<16.0	16.0	08/16/2023	ND	416	104	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	08/16/2023	ND	182	91.2	200	4.80	
DRO >C10-C28*	<10.0	10.0	08/16/2023	ND	184	92.2	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	08/16/2023	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 49.1-14	8						

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PLEASE NOTE: Liability and Damages. Cardinal's liability and clent'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, whother 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



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

Received:	08/15/2023	Sampling Date:	08/15/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: WSW - 1 (H234375-04)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2023	ND	2.07	103	2.00	3.36	
Toluene*	<0.050	0.050	08/16/2023	ND	2.02	101	2.00	1.82	
Ethylbenzene*	<0.050	0.050	08/16/2023	ND	1.93	96.6	2.00	2.80	
Total Xylenes*	<0.150	0.150	08/16/2023	ND	5.84	97.3	6.00	3.74	
Total BTEX	<0.300	0.300	08/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 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	48.0	16.0	08/16/2023	ND	416	104	400	3.77	QM-07
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	08/16/2023	ND	182	91.2	200	4.80	
DRO >C10-C28*	<10.0	10.0	08/16/2023	ND	184	92.2	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	08/16/2023	ND					
Surrogate: 1-Chlorooctane	69.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/15/2023	Sampling Date:	08/15/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: FS - 1 (H234375-05)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2023	ND	2.07	103	2.00	3.36	
Toluene*	<0.050	0.050	08/16/2023	ND	2.02	101	2.00	1.82	
Ethylbenzene*	<0.050	0.050	08/16/2023	ND	1.93	96.6	2.00	2.80	
Total Xylenes*	<0.150	0.150	08/16/2023	ND	5.84	97.3	6.00	3.74	
Total BTEX	<0.300	0.300	08/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 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	320	16.0	08/16/2023	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	08/16/2023	ND	202	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	08/16/2023	ND	204	102	200	9.44	
EXT DRO >C28-C36	<10.0	10.0	08/16/2023	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/15/2023	Sampling Date:	08/15/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	CUATRO HIJOS FEE 4H FLOWLINE RELE/	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03154	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY		

Sample ID: FS - 2 (H234375-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2023	ND	2.07	103	2.00	3.36	
Toluene*	<0.050	0.050	08/16/2023	ND	2.02	101	2.00	1.82	
Ethylbenzene*	<0.050	0.050	08/16/2023	ND	1.93	96.6	2.00	2.80	
Total Xylenes*	<0.150	0.150	08/16/2023	ND	5.84	97.3	6.00	3.74	
Total BTEX	<0.300	0.300	08/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 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	336	16.0	08/16/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/16/2023	ND	200	99.9	200	2.88	
DRO >C10-C28*	<10.0	10.0	08/16/2023	ND	225	112	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	08/16/2023	ND					
Surrogate: 1-Chlorooctane	74.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	8						

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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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	D ,iivered By: (Circle One) Saniple: - 175 - Bus - Other:	Relinquished By:		Relinquished By: Colton Bickerstaff	event shall Cerdinal be liable for affiliates or successors arising or	PLEASS NOTE: Liability and Dam			6	5	4	U	9	-	X I	Lab I.D.	Sampler Name: Co	Project Location:	Project Name: Cu	Project #:	Phone #:	City: Austin	Address: 8911 Ca	Project Manager: Sam Abbott	Company Name: Tetra Tech	
	One) - Other:			Colton Bickerstaff	r incidental or consequental damage out of or related to the performance				FS-2	FS-1	4 WSW-1.	3 ESW-1	SSW-1	NSM-1	Sample I.D.	×	Sampler Name: Colton Bickerstaff, Andrew Garcia	Project Location: Lea County, New Mexico	Project Name: Cuatro Hijos Fee 4H Flowline Release	212C-MD-03154	(512)565-0190		Address: 8911 Capital o Texas Hwy, Suite 2310	Sam Abbott	Tetra Tech	(575) 393
	Observed Temp. °C Corrected Temp. °C	Date: Time:	Time; 312	Date: 8/15/23	evert shall Cardinal be lable for incidential or consequentia damages, including without limitation, beak interruptions, loss of use, or bas of profits incurred by client, its substitatives, affiates or successors arising out of or related to the performance of services hereunder by Cardinal, inguadess of whether such claim is based upon any of the above studiot reasons or otherwise affiates or successors arising out of or related to the performance of services hereunder by Cardinal, inguadess of whether such claim is based upon any of the above studiot reasons or otherwise affiates or successors arising out of or related to the performance of services hereunder by Cardinal, inguadess of whether such claim is based upon any of the above studiot reasons or otherwise and the second services are successible and the second services hereunder by Cardinal, inguadess of whether such claim is based upon any of the above studiot reasons or otherwise and the second services are set of the second services hereunder by Cardinal, inguadess of whether such claim is based upon any of the above studiot reasons or otherwise and the second services are set of the second services hereunder by Cardinal, inguadess of whether such claim is based upon any of the above studiot reasons or otherwise and the second services are set of the second second services hereunder by Cardinal, inguadess of whether such claim is based upon any of the above studiot reasons or otherwise and the second secon	gges. Cardnard's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall									9 I.D.		drew Garcia	xico	wline Release	Project Owner:	Fax #:	State: TX	uite 2310			575) 393-2326 FAX (575) 393-2476
	5.7	Received By:	P	Received By:	ss interruption gardless of wi	ther based in co	t		G	G	G	G	G	G	(G)RAB OR (C)OMP	2.						Zip:				3-2476
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	ls)	1	Da	1	or otherwise.	ted to the amount paid by the cifant for the analyses. All claims			8/15/2023	8/15/2023	8/15/2023	8/15/2023	8/15/2023	8/15/2023	DATE	SAMP			Zip:			ott	Company: Tetra Tech		BILL TO	Constant in the
Thermometer ID	Turnaround Time: Standa Rush: YES, 24hr RUSH TAT	REMARKS:	1	Verbal Result: Ves No Add'l Phone #: All Results are emailed Please provide Email address: Sam Abhott@tetratech.com		including those for negligence and any other cause whatsoew									TIME	SAMPLING										
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† Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com

#140 N.

8/15/23

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Corrected Temp. °C

FORM-006 R 3.2 10/07/21

In no

APPENDIX E Photographic Documentation











APPENDIX F Waste Manifests

TRANSPORTER'S MANIFEST

MANIFEST # _____

SHIPPING FACILITY NAME & ADDRESS:	ACCOUNTING INFORMATION
ConocoPhillips Company 1410 NW County Rd, Hobbs, NM 88240 Attn. Jacob Laird	CUATRO HIJOS FEE #004H Release – BU Project Assoc. CUATRO HIJOS FEE #004H API 30-025-41752
Jacob.Laird@conocophillips.com 575.703.5482	
LOCATION OF MATERIAL: ConocoPhillips Company CUATRO HIJOS FEE #004H Unit Letter A, Section 02, Township 19 South Lea County, New Mexico	n, Range 34 East
TRANSPORTER NAME AND ADDRESS:	
McNabb Partners TR 4008 N. Grimes	UCK # 31
Hobbs, New Mexico 88240 575.397.0050	15+2-
DESCRIPTION OF WASTE: Impacted Soil	
TRUCK CAPACITY: 20 Yds	APPROXIMATE % FULL 90%
18 Approxim	MATE VOLUME HAULED OFF 18 yds 16
FACILITY CONTACT:	scontant and An
	of Contact: ConcoPhillips) Andrew Garcia 432-270-0197
NAME OF TRANSPORTER (Driver):	alvan Tercere
Date: 08-15-2023 Signature	
DISPOSAL SITE:	
R360 P.O. Box 388 4507 W Carlsbad Hwy Hobbs, New Mexico 88241	. 1 0 /
Date: 8/15/23 Represent Signature	ative ////////////////////////////////////

Received by OCD: 9/19/2023 8:27:0	7 <i>AM</i> Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLIPS CRI2190 ANDREW GARCIA 01 8/15/2023 MCNABB PARTNERS ALBARO 31	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1463258 O6UJ9A000JVW 8/15/2023 CONOCOPHILLI 41752L CUATRO HIJOS 004H NON-DRILLING LEA (NM)	
Facility: CRI					an an an an Africa an Africa
Product / Service		Quantity			
Contaminated Soil (RCRA Exemp	it)	18.00	vards 164	ids	
1988 regulatory determination, the abor X RCRA Exempt: Oil Field wastes gr RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA H Driver/ Agent Signature	enerated from o te which is non- gulations, 40 CI on is attached to	il and gas exploration and production hazardous that does not exceed the n FR 261.21-261.24 or listed hazardous demonstrate the above-described wa	waste as defined ste is non-hazar Other (Pro	d in 40 CFR, part 26	l, subpart D, as propriate items):
Customer Approval					
	TH	IS IS NOT AN INVOI	CE!		
Approved By:		Date:			

x

TRANSPORTER'S MANIFEST

MANIFEST # _____

SHIPPING FACILITY NAME & ADDRESS:	ACCOUNTING INFORMATION
ConocoPhillips Company	CUATRO HIJOS FEE #004H Release – BU Project
1410 NW County Rd, Hobbs, NM 88240	Assoc. CUATRO HIJOS FEE #004H
Attn. Jacob Laird	API 30-025-41752
Jacob.Laird@conocophillips.com	
575.703.5482	
LOCATION OF MATERIAL:	
ConocoPhillips Company	
CUATRO HIJOS FEE #004H	
Unit Letter A, Section 02, Township 19 South	n, Range 34 East
Lea County, New Mexico	
TRANSPORTER NAME AND ADDRESS:	
McNabb Partners TR	$M \mathcal{P}\mathcal{F}$
4008 N. Grimes	
Hobbs, New Mexico 88240	
575.397.0050	
DESCRIPTION OF WASTE:	
Impacted Soil	
TRUCK CAPACITY: 2014	APPROXIMATE % FULL 90 %
Approxim	MATE VOLUME HAULED OFF
	1000
FACILITY CONTACT:	2
	of Contact:
	ConocoPhillips)
NAME OF TRANSPORTER (Driver):	
Date: 8-16-23 Signature	Driver: ACIE MAYDERRY TRICK 171 83 BEILY DUMP
DISPOSAL SITE:	BEIly Dump
R360 P.O. Box 388	
4507 W Carlsbad Hwy	
Hobbs, New Mexico 88241	\bigcirc
Date: Represent	ative the t
KILL 73 Signature	
- Utwalt	

Received by OCD: 9/19/2023 8:27:0 RECEIVER SOLUTIONS Permian Basin	Customer #:	CONOCOPHILLIPS CRI2190 JACOB LAIRD 2 8/16/2023 MCNABB PARTNERS LLC ACIE M83	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County		
Facility: CRI					
Product / Service		Quantity L	Jnits		
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 documentation MSDS Information RCRA Ha	ve described wa enerated from o e which is non- gulations, 40 CF n is attached to	iste is: il and gas exploration and production hazardous that does not exceed the m R 261.21-261.24 or listed hazardous v demonstrate the above-described was	operations and inimum standar waste as definec ste is non-hazar	are not mixed with rds for waste hazardo 1 in 40 CFR, part 26 dous. (Check the ap	non-exempt wasto ous by I, subpart D, as propriate items):
Driver/ Agent Signature		R360 Representative S	ignature		
4		Ent)		
Customer Approval					
	THI	S IS NOT AN INVOIO	CE!		
Approved By:		Date:			

.

IKANSPU	ORTER'S MANIFEST
MANIF	Sest # 3
SHIPPING FACILITY NAME & ADDRESS: ConocoPhillips Company 1410 NW County Rd, Hobbs, NM 88240 Attn. Jacob Laird Jacob.Laird@conocophillips.com 575.703.5482	ACCOUNTING INFORMATION CUATRO HIJOS FEE #004H Release – BU Project Assoc. CUATRO HIJOS FEE #004H API 30-025-41752
LOCATION OF MATERIAL: ConocoPhillips Company CUATRO HIJOS FEE #004H Unit Letter A, Section 02, Township 19 South Lea County, New Mexico	, Range 34 East
TRANSPORTER NAME AND ADDRESS:	
McNabb Partners TR 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050	UCK # <u>M 83</u>
DESCRIPTION OF WASTE: Impacted Soil	
TRUCK CAPACITY: 200	APPROXIMATE % FULL 90 %
Approxim	MATE VOLUME HAULED OFF Bay
	of Contact:
NAME OF TRANSPORTER (Driver):	
Date: 8-16-23 Signature	Driver: ACIE MAYDERRY TEACK M
DISPOSAL SITE:	BElly Dump
R360 P.O. Box 388 4507 W Carlsbad Hwy Hobbs, New Mexico 88241	M
	tative

Released to Imaging: 12/18/2023 4:28:47 PM

Received by OCD: 9/19/2023 8:27:0	Customer: Customer #:	JACOB LAIRD	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	41752L				
Facility: CRI								
Product / Service		Quantity Units						
Contaminated Soil (RCRA Exemp	ot)	18.00 yards						
Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous- (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) Driver/ Agent Signature R360 Representative Stenature								
Customer Approval	North Alexandra							
	TH	IS IS NOT AN INVOI	CE!					
Approved By:		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: C	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	266720
A	Action Type:
	[C-141] Release Corrective Action (C-141)
CONDITIONS	

Created By Condition Condition Date 12/18/2023 scott.rodgers None

Action 266720

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