

June 6, 2023

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

Re: Closure Report ConocoPhillips Tequiza Federal #001 Release Unit Letter O, Section 34, Township 21 South, Range 25 East Eddy County, New Mexico Incident ID# nAB1805142690 2RP-4632

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COP) to assess an historical release that occurred from the Tequiza Federal #001. The release footprint is located in Public Land Survey System (PLSS) Unit Letter O, Section 34, Township 21 South, Range 25 East, in Eddy County, New Mexico (Site). The approximate release point occurred on land owned by the Bureau of Land Management (BLM) at coordinates 32.429199°, -104.382522°, as shown on Figures 1 and 2.

#### BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release, discovered on February 17, 2018, occurred as the result of a packing failure. Approximately 15 barrels (bbls) of produced water and 1.5 bbls of crude oil were reported released, of which 10 bbls of produced water and 1 bbl of oil were recovered. The C-141 form for the release was submitted to The New Mexico Oil Conservation District (NMOCD) by COG Operating, LLC (COG) on February 17, 2018. NMOCD received the C-141 report form for the release on February 19, 2018. The NMOCD Incident ID for this release is nAB1805142690.

#### SITE CHARACTERIZATION

A site characterization was performed by COG 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). The Site is in an area of high karst potential.

According to the NMOSE reporting system, there are no water wells within ½ mile (800 meters) of the Site. Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. The COG Site Characterization is presented in Appendix B.

#### LAND OWNERSHIP

The Site is located on land owned by the Bureau of Land Management (BLM). The remedial extent was confined to on-pad, previously disturbed areas.

#### **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, and 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 previously established site characterization by COG and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

Constituent	Site RRAL
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

#### COG SITE ASSESSMENT ACTIVITIES AND SAMPLING RESULTS

On March 7, 2018, 2018, COG personnel collected assessment samples from three (3) locations located within the release extent, T-1 through T-3, and six (6) locations located outside the release extent (N, NE, NW, S, SE, SW. COG returned to the site on March 19 and 20, 2018 to collect additional soil samples from the horizontal delineation sample locations (N, NE, NW, S, SE, SW) to complete horizontal delineation of the release extent. A total of nineteen (19) soil samples were sent to Permian Basin Environmental Lab, LP (PBE) in Midland, Texas to be analyzed for chloride via EPA Method 300, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. Sample locations are shown in Figure 3.

The analytical results from T-2 exceeded the Site RRAL for chloride (600 mg/kg) at the depth interval of 0.5 feet. The analytical results from T-3 exceed the Site RRAL for chloride at the depth intervals of 0.5 and 1 foot. Sample results from the initial assessment are summarized in Table 1.

#### COG WORK PLAN

Based on the results of the assessment activities, COG prepared a Remediation Work Plan and submitted to NMOCD via email on November 12, 2018. No response was received from the NMOCD concerning the approval or rejection of the report. The same Workplan was resubmitted under cover letter, by Tetra Tech on behalf of COP, on November 21, 2022, with fee application payment PO Number MT6FG-221121-C-1410. The Work Plan was approved via email by Brittany Hall of the NMOCD on Tuesday, November 29, 2022, with the following conditions:

- Remediation and closure must be in compliance with 19.15.29.12 and 19.15.29.13 NMAC.
- In the "Sampling Plan" portion of the report, it states "To collect representative samples, composite samples (5-point composite) will be collected every 600 square feet (25 x 25) for the final confirmation sampling for the constituents of concern."The OCD approves 5-point composite samples representative of NO MORE THAN 400 SQUARE FEET. All other sampling is approved per the workplan.
- All confirmation samples must be analyzed for all constituents listed in Table I.
- 2RP-4632 closed. Please refer to incident #NAB1805142690 in all future communication.
- Please submit a complete closure report through the OCD Permitting website by 3/3/2023.

On Friday, April 21, 2023, Tetra Tech, on behalf of ConocoPhillips, requested a 90-day extension to complete the remedial actions and associated reporting for the Tequiza Federal #1 Release Site (NAB1805142690). The extension request was approved by the NMOCD on April 21, 2023. In accordance with the approved extension request, the due date for the closure report is June 1, 2023. Documentation of associated regulatory correspondence is included in Appendix C.

#### ADDITIONAL SITE ASSESSMENT AND SAMPLING RESULTS

Based on the age of the release, Tetra Tech personnel conducted a visual Site inspection on January 16, 2023, to assess current Site conditions, document the observed impact, and photograph the area. Tetra Tech observed that no obvious signs of staining and/or residual impact were observed in the release area on or off pad.

Based on the findings of the visual site inspection, Tetra Tech personnel returned to the Site on April 4, 2023 to conduct additional soil sampling to verify soil concentrations prior to remedial action. A total of ten (10) soil borings (AH-23-1 through AH-23-10) were installed using a hand auger within and around the release area to determine if the Site remained impacted at concentrations reported by COG. Sample locations are shown in Figure 4.

A total of twelve (12) samples were collected from the ten (10) borings and submitted to Cardinal Laboratories to be analyzed for chlorides via EPA Method 4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix D.

Results from the April 2023 soil sampling event are summarized in Table 2. Analytical results associated with boring location AH-23-1 through AH-23-4 exceeded the proposed Site RRALs for chloride in soils. Additionally, results associated with AH-23-4 exceed the Site RRALs for TPH. All other analytical results from the April 2023 sampling were below Site RRALs.

#### **REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING**

From May 8 to May 15, 2023, Tetra Tech personnel were onsite to supervise the remediation activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, on May 9, 2023, the NMOCD district office was notified via email in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix C.

Per the approved Work Plan and adjustments based on the April 2023 analytical results, impacted soils were excavated as shown in Figure 5. The area within the release footprint were excavated to depths ranging from 1 to 4 feet below surrounding grade. All excavated material was transported offsite for proper disposal. Approximately 340 cubic yards of material were transported to the R360 Facility in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix E.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. The approximate on-pad impacted area was 3,700 square feet. Per the conditions of the Work Plan approval, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 400 square feet of excavated area. A total of six (6) confirmation floor samples and four (4) confirmation sidewall samples were collected during remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas and depths and confirmation sample locations are indicated in Figure 5.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500CI-B. The analytical results were directly compared to the established Site RRALs. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The results of the May 2023 confirmation sampling event are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D.

Once confirmation sampling activities were completed and associated analytical results were below the Site RRALs, the excavated areas were backfilled with clean material to surface grade. Photographic documentation of the excavated areas prior to and immediately following placement of backfill are provided in Appendix F.

#### CONCLUSION

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 Christian Llull at (512) 338-2861 or email at <u>Christian.llull@tetratech.com</u>.

Sincerely, **Tetra Tech, Inc.** 

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Nicholas M. Poole Project Lead

Christian M. Llull, P.G. Program Manager

cc: Mr. Ike Tavarez, RMR – ConocoPhillips Mr. Jacqui Harris, GPBU - ConocoPhillips ConocoPhillips

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ConocoPhillips

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#### LIST OF ATTACHMENTS

#### Figures:

- Figure 1 Overview Map
- Figure 2 Site Location/Topographic Map
- Figure 3 Approximate Release Extent and Site Assessment (COG)
- Figure 4 Approximate Release Extent and Site Assessment (Tetra Tech)
- Figure 5 Remediation Extents and Confirmation Sampling

#### Tables:

Table 1 – Summary of Analytical Results – 2018 Soil Assessment (COG)

Table 2 – Summary of Analytical Results – 2023 Soil Assessment (Tetra Tech)

Table 3 – Summary of Analytical Results – Confirmation Sampling

#### Appendices:

Appendix A – C-141 Forms

Appendix B – Site Characterization (COG)

Appendix C – Regulatory Correspondence

Appendix D – Laboratory Analytical Data

Appendix E – Waste Manifests

Appendix F – Photographic Documentation

# FIGURES











# TABLES

TABLE 1 SUMMARY OF ANALYTICAL RESULTS	018 SOIL ASSESSMENT- nAB1805142690/2RP-4632	COG Operating LLC	TEQUIZA FEDERAL #001 RELEASE
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								EDC	N COUN	ITY, N	M									
19.15.29.12 NMAC CI	sure Criteria for Soils	Impacted by a Release	Chloride	s <sup>1</sup>					BTEX <sup>2</sup>								TF	ън <sup>3</sup>		
	(≤ 50 ft):		< 600 mg,	/kg	< 10 mg/	kg							< 50 mg/kg		CBO	2		Caw		< 100 mg/kg
		Sample Depth	Chlorid		Guotand		Toluene		Ethylbenzen	e	Total Xylenes		Totol DTEV		2 E	5	2			Total TPH
Sample ID	Sample Date	Interval		U	liatilad	u									C <sub>6</sub> - C <sub>12</sub>	> C <sub>12</sub>	- C <sub>28</sub>	> C <sub>28</sub> - C <sub>36</sub>		(GRO+DRO+MRO)
		ft. bgs	mg/kg	σ	mg/kg	σ	mg/kg	σ	mg/kg	σ	mg/kg	u v	) g/kg	a mg.	∕kg α	mg/kg	σ	mg/kg	Ø	mg/kg
7 H	8100/1/ 0	0.5	24.3		ΠN		DN		DN		ND		ND	z	0	QN		DN		ND
T-1	9T N7 ///C	1.0	20.4		ND		QN		Ŋ	Η	ΠN		DN	z		ŊŊ		ND		ND
r H	0100/11/0	0.5	8,360		DN		ND		ND		ND	-	ND	z	0	ND		DN		ND
7-1	3///2018	1.0	365	Π	DN	Π	DN		DN	$\parallel$	DN	H	DN	z		DN		ND		ND
		0.5	1,480		DN		DN	-	DN		DN		DN	z		QN		DN		ND
T-3	3/7/2018	1.0	1600		ND		QN		DN		DN		DN	z	0	QN		QN		QN
		2.0	503		DN	Π	DN		DN	$\left  \right $	DN		DN	z		ΠN		ND		ND
4	0100/11/0	0.5	15.2		DN		ND		Ŋ	╞	DN	_	ND	z		ND		DN		ND
SOUTH	8T N7 // /S	1.0	13.0		ŊŊ		QN		Ŋ	$\mid$	ND	Н	DN	z		ŊŊ		ND		ND
decid	8100/11	0.5	1.4		QN		QN	╞	Ŋ	┝	QN	╞	DN	z		Q		QN		Ŋ
UTION	8T N7 // /S	1.0	QN		ŊŊ		QN		Ŋ	$\mid$	ND	Н	DN	z		ŊŊ		ND		ND
Al and the second s	8100/11	0.5	28.6		QN		QN	╞	Ŋ	┝	QN	╞	DN	z		Q		QN		Ŋ
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4	0000111	0.5	30.7		QN		QN		QN	╞	QN	╞	DN	z		QN		QN	┢	QN
numer	9T N7 ///C	1.0	35.3		ŊŊ		QN		Ŋ	Η	ŊŊ		DN	z		Ŋ		ND		ND
troottol	8106/2/ 6	0.5	48.3		DN		QN	╞	DN		DN	$\vdash$	DN	z		QN		DN		ND
	0T07 ///c	1.0	45.8		ND		QN		ND	-	ΠN		ND	z	0	ΠN		ND		ND
Couthoode	8106/2/ 6	0.5	234.0		DN		QN	╞	0.015		DN		0.015	z		QN		DN		ND
204116431	0102/1/0	1.0	229.0		ΠN		ND		ND		DN		DN	z	0	ΠN		ND		ND
<u>NOTES:</u> ft. Feet			Bold and italic	ized value	is indicate exce	sedance c	of proposed Re	mediation	RRALs and Rec	lamation	Requirements.									

Below ground surface Feet bgs ft.

Bold and italicized values indicate exceedance of proposed Shaded rows indicate intervals proposed for excavation.

mg/kg Milligrams per kilogram ТРН

Total Petroleum Hydrocarbons GRO

Gasoline range organics Diesel range organics DRO

Method EPA 300.0 7

Method 8015M Method 8021B 2

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TABLE 2 SUMMARY OF ANALYTICAL RESULTS	2023 SOIL ASSESSMENT- nAB1805142690/2RP-4632	CONOCOPHILLIPS	TEQUIZA FEDERAL #001 RELEASE	EDDY COUNTY, NM
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10 16	12 NMAC Closure Crite	aris for Soile Imnacta	d hy a Balassa (< 50	the Chloric	des <sup>1</sup>				BTEX	2							TPH <sup>3</sup>		
				< 600 m	ıg/kg	< 10 mg/k	8						< 50 mg/kg		Cas	Car		EVT DBO	< 100 mg/kg
		Sample Depth	Field Screening Resu	ts	ido	Banzana		Toluene	Ethylben	sene	Total Xylene	s	Total RTEV		24	222			Total TPH
Sample ID	Sample Date	Interval	Chlorides PID			ספווזפוור								č	- C <sub>10</sub>	> C <sub>10</sub> - C <sub>26</sub>		> C <sub>28</sub> - C <sub>36</sub>	(GRO+DRO+EXT DRO)
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		0-1	- 10	38,400		<0.050		<0.050	<0.050		<0.150		<0.300	<10.0		<10.0	×	:10.0	
AH-23-1	4/4/2023	1-2	2,540 -	2,600		<0.050		<0.050	<0.050		<0.150		<0.300	<10.0		<10.0	Ŷ	:10.0	
		2-3	2,620 -	2,840		<0.050		<0.050	<0.050		<0.150		<0.300	<10.0		<10.0	v	:10.0	
AH-23-2	4/4/2023	0-1	- 10	24,000		<0.050	┝	0.106	0.165		0.271	-	0.542	<10.0		<10.0	-	:10.0	
AH-23-3	4/4/2023	0-1	1,450 -	688		<0.050		<0.050	0.063		<0.150		<0.300	<10.0		<10.0	×	:10.0	
AH-23-4	4/4/2023	0-1	- 10	22,800		<0.050		0.069	0.078		<0.150		<0.300	<10.0		110	_	69.8	179.8
AH-23-5	4/4/2023	0-1	- 296	240		<0.050		0.273	0.153		0.191		0.616	<10.0		<10.0	×	:10.0	
AH-23-6	4/4/2023	0-1	208 -	96.0		<0.050		060.0	0.092		<0.150		<0.300	<10.0		<10.0	Ŷ	:10.0	
AH-23-7	4/4/2023	0-1	284 -	112		<0.050		<0.050	<0:050		<0.150		<0.300	<10.0		<10.0	Ŷ	:10.0	
AH-23-8	4/4/2023	0-1	- 286	128		<0.050		<0.050	<0.050		<0.150		<0.300	<10.0		<10.0	×	:10.0	
AH-23-9	4/4/2023	0-1	126 -	32.0		<0.050		<0.050	<0.050		<0.150		<0.300	<10.0		<10.0	~	:10.0	
AH-23-10	4/4/2023	0-1	241 -	80.0		<0.050		<0.050	<0.050		<0.150		<0.300	<10.0		<10.0	~	:10.0	
NOTES:																			
ft. Feet			Bold an	d italicized value	s indicate	exceedance of h	roposed R	emediation RRALs	and Reclamati	on Require	ements.								
bgs Below ground	1 surface		Shaded	rows indicate int	tervals prop	posed for excave	ation.												
mg/kg Milligrams pe	r kilogram																		
TPH Total Petrole	um Hydrocarbons		QUALIF	ERS:															
GRO Gasoline rang	re organics																		
DRO Diesel range	organics																		
1 Method SM4.	500CI-B																		
2 Method 8021	В																		
3 Method 8015	Μ																		

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TABLE 3 SUMMARY OF ANALYTICAL RESULTS	SOIL CONFIRMATION - nAB1805142690/2RP-4632	CONOCOPHILLIPS	TEQUIZA FEDERAL #001 RELEASE	EDDY COUNTY, NM
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	1015 30	12 NIMAC Clocumo Cuite	avia for Calle Immacto	and a palace	00 ( C ED 41.	Chloric	les <sup>-</sup>					BTEX <sup>4</sup>									TPH			
	7.61.61		ובוום וחו אחוא וווואמרור	n ny a nelea	יווו חב בן שנ	< 600 m	g/kg	< 10 mg	'kg				-			< 50 mg/k	60	Cac		Cac			×	< 100 mg/kg
			Sample Depth	Field Screen	ing Results	Chlori	0	Bowrood		Toluen	¢	Ethylbenzene	61	Total Xylen	sa	Totol DTEV		eko		D R				Total TPH
	Sample ID	Sample Date	Interval	Chlorides	DID		מע	Dellad	y				_					C <sub>6</sub> - C <sub>10</sub>		> C <sub>10</sub> - C <sub>28</sub>		> C <sub>28</sub> - C <sub>36</sub>	(GRO-	)+DRO+EXT DRO)
			ft. bgs	ıdd	æ	mg/kg	σ	mg/kg	σ	mg/kg	σ	mg/kg	σ	mg/kg	σ	mg/kg	σ	mg/kg	u u	ng/kg	م ۳	g/kg (		mg/kg
L	N SW-1	5/10/2023	,	368		288		<0.050		<0.050		<0.050	Ĺ	<0.150		<0.300	-	<10.0	Ý	:10.0	v	10.0		
	E SW-1	5/10/2023	,	147		96		<0.050		<0.050		<0.050	Ĺ	<0.150		<0.300	-	<10.0	Ý	:10.0	v	10.0		
	S SW-1	5/10/2023	,	125		96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0	Ý	:10.0	×	10.0		
	W SW-1	5/10/2023	'	391		304		<0.050		<0.050		<0.050	Ĥ	<0.150		<0.300	Н	<10.0	Ý	:10.0	~	10.0		
	FS-1	5/10/2023	2	315		272		<0.050		<0.050		<0.050	ŀ	<0.150	-	<0.300		<10.0	Ľ	:10.0	Ě	10.0		
	FS-2	5/10/2023	1	165		144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0	Ý	:10.0	×	10.0		
	FS-3	5/10/2023	1	171		160		<0.050		<0.050		<0.050	Ĺ	<0.150		<0.300	-	<10.0	Ý	:10.0	v	10.0		
	FS-4	5/10/2023	1	306		256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0	Ý	:10.0	×	10.0		
	FS-5	5/11/2023	2	292		208		<0.050		<0.050		<0.050	Ĺ	<0.150		<0.300	-	<10.0	Ý	:10.0	v	10.0		
	FS-6	5/11/2023	4	336		240		<0.050		<0.050		<0.050	Ĺ	<0.150		<0.300	-	<10.0	Ý	:10.0	v	10.0		
NOI.	TES:																							
ff.	Feet																							
bgs	Below ground s	surface																						
/Bm	'kg Milligrams per	kilogram																						
HdT	Total Petroleun	n Hydrocarbons																						
GRC	) Gasoline range	organics																						
DRC	Diesel range or	ganics																						

Gasoline range organics Diesel range organics Method SM4500Cl-B Method 8021B Method 8021SM

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# APPENDIX A C-141 Forms

District 1 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 River Barron Based, Artes, NM 8744

1000 Rio Brazos Road, Aztec, NM 87410

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

#### NM OIL CONSERVATION

ARTESIA DISTRICT

FEB 1 9 2018

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Form C-141 Revised April 3, 2017

Energy Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr.

State of New Mexico

Santa Fe, NM 87505

### **Release Notification and Corrective Action**

MAB1806142440	OPERATOR	Initial Report	Final Report
Name of Company: COG Operating, LLC (OGRID# 229137)	Contact: Robert McNeill		
Address: 600 West Illinois Avenue, Midland TX 79701	Telephone No.: 432-683-7443		
Facility Name: Tequiza Federal #001	Facility Type: Oil Well		

Surface Owner: BLM

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Mineral Owner: Federal

API No.: 30-015-35849

Sub56 EU050 appropriate District Office in accordance with 19.15.29 NMAC.

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
0	34	21S	25E	330	South	2310	East	Eddy

Latitude: 32.4291992 Longitude: -104.3825226 NAD83

NATURE OF RELEASE

Type of Release: Oil and Produced Water	Volume of Release: 1.5bbls Oil & 15bbls PW	Volume Recovered: 1bbls Oil & 10bbls PW
Source of Release: Stuffing Box	Date and Hour of Occurrence: 2/17/2018	Date and Hour of Discovery: 2/17/2018 1:00pm
Was Immediate Notice Given?	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	tercourse.
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.*		
The packing failed and fluid was released out of the top of the packing gl	and. The packing was replaced.	
Describe Area Affected and Cleanup Action Taken.*		
All of the fluid remained on location. A vacuum truck was utilized to rec	over all freestanding fluids. Concho w	ill have the spill area evaluated for any
possible impact from the release and we will present a remediation work	plan to the NMOCD for approval prio	or to any significant remediation activities.
I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release is public health or the environment. The acceptance of a C-141 report by the should their operations have failed to adequately investigate and remedia or the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local laws and/or regulations.	the best of my knowledge and underst notifications and perform corrective ac ne NMOCD marked as "Final Report" te contamination that pose a threat to does not relieve the operator of respon	and that pursuant to NMOCD rules and ctions for releases which may endanger does not relieve the operator of liability ground water, surface water, human health sibility for compliance with any other
	OIL CONSER	VATION DIVISION
Signature: Sheldon Juton Printed Name: Sheldon L. Hitchcock	Approved by Environmental Special	Stille Browner
Title: HSE Coordinator	Approval Date: 22018	Expiration Date: NIA
	reproved bally of por 112	
E-mail Address: slhitchcock@concho.com	Conditions of Approval:	Attached Attached
Date: 2/19/2018 Phone: 575-746-2010	SEE UTTU	INHU JAPAHOL

\* Attach Additional Sheets If Necessary

Received by OCD: 6/6/2023 4:06:55 PMM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

Incident ID

District RP Facility ID Application ID

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&lt;50(ft bgs)</u>
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
- $\square$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-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: 6/6/202	822.06255 PMM			Page 19:06/103
1'01111 C-141	State of New Mexico		Incident ID	nAB1805142690
Page 4	Oil Conservation Divisio	n	District RP	2RP 4632
			Facility ID	
			Application ID	
regulations all operators are public health or the environm failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: <u>Ike Tavare</u> Signature:	Imation given above is the and complete to required to report and/or file certain release renent. The acceptance of a C-141 report by the ate and remediate contamination that pose a the fa C-141 report does not relieve the operator         Ez	Telephone: <u>432</u>	recge and understand that put         form corrective actions for rel         ieve the operator of liability sl         er, surface water, human health         r compliance with any other for         [SE Supervisor         11/4/18         2-683-7443	eases which may endanger nould their operations have n or the environment. In ederal, state, or local laws
OCD Only Received by: Jocely	n Harimon	Date:	11/21/2022	

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Page 5

Oil Conservation Division

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

	Page 20(0f 10.
Incident ID	nAB1805142690
District RP	2RP 4632
Facility ID	
Application ID	

## **Remediation Plan**

Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points  $\boxtimes$ Estimated volume of material to be remediated  $\boxtimes$ 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. Title: Senior HSE Supervisor Printed Name: Ike Tavarez 04 775 \_\_\_\_\_ Date: <u>11/8/18</u> Signature: email: itavarez@concho.com Telephone: <u>432-683-7443</u> **OCD Only** Jocelyn Harimon Date: 11/21/2022 Received by: Approved with Attached Conditions of Approval Approved Denied Deferral Approved Hall ittan Signature: Date: 11/29/2022

Page 6

Oil Conservation Division

Incident ID	nAB1805142690
District RP	2RP-4632
Facility ID	
Application ID	

Page 21 of 105

## 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. Title: Program Manager, Remediation Printed Name: Ike Tavarez \_\_\_\_\_ Date: 6/6/23 Signature: email: ike.tavarez@conocophillips.com Telephone: 432-685-2573 **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: Kuttan Hall Date: 6/8/2023 Printed Name: Brittany Hall Title: Environmental Specialist

## APPENDIX B Site Characterization (COG)

#### Received by OCD: 6/6/2023 4:06:55 PM





Page 1 of 2



Site Information

Atmospheric Sites

Springs

Other Sites



USGS Water Resources

 Data Category:
 Geographic Area:

 Groundwater
 V

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- UPDATE, 11/9: As of November 8, the USGS has successfully restored all of the operational gages that stopped transmitting due to an issue with the satellite telemetry system that records and transmits data. The USGS will now focus on restoring other equipment that experienced the telemetry issues, including about 85 rapid deployment gages that are used periodically for emergency response. Read <u>more</u>

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#### Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 322259104255001

**Minimum number of levels =** 1 <u>Save file of selected sites</u> to local disk for future upload

#### USGS 322259104255001 22S.25E.19.21411

Available data for this site Groundwater: Field measurements ♥ GO Eddy County, New Mexico Hydrologic Unit Code --Latitude 32°22'59", Longitude 104°25'50" NAD27 Land-surface elevation 3,738 feet above NAVD88 The depth of the well is 75 feet below land surface. This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer. **Output formats** 

Table of data	
Tab-separated data	
Graph of data	
Reselect period	



Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph



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#### Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 322310104211701

**Minimum number of levels** = 1 <u>Save file of selected sites</u> to local disk for future upload

#### USGS 322310104211701 22S.25E.13.33320

Available data for this site Groundwater: Field measurements V GO Eddy County, New Mexico Hydrologic Unit Code --Latitude 32°23'10", Longitude 104°21'17" NAD27 Land-surface elevation 3,401 feet above NAVD88 The depth of the well is 160 feet below land surface. This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer. **Output formats** 





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 Geographic Area:

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Agency code = usgs site\_no list =

• 322411104243501

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#### USGS 322411104243501 22S.25E.08.441222

Available data for this site Groundwater: Field measurements Eddy County, New Mexico Hydrologic Unit Code --Latitude 32°24'11", Longitude 104°24'35" NAD27 Land-surface elevation 3,584 feet above NAVD88 The depth of the well is 43 feet below land surface. This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer. **Output formats** 

 Table of data

 Tab-separated data

 Graph of data

 Reselect period



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Agency code = usgs site\_no list =

• 322703104215601

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#### USGS 322703104215601 21S.25E.26.233333

Available data for this site Groundwater: Field measurements V GO Eddy County, New Mexico Hydrologic Unit Code --Latitude 32°27'03", Longitude 104°21'56" NAD27 Land-surface elevation 3,425 feet above NAVD88 The depth of the well is 125 feet below land surface. This well is completed in the Rustler Formation (312RSLR) local aquifer. Output formats





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Questions about sites/data? Feedback on this web site

#### **Released to Imaging: 6/8/2023 9:30:35 AM**

https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels/?site\_no=322703104215601&agency\_... 11/12/2018



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• 322411104243501

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#### USGS 322411104243501 22S.25E.08.441222

Available data for this site Groundwater: Field measurements ✓ GO Eddy County, New Mexico Hydrologic Unit Code --Latitude 32°24'11", Longitude 104°24'35" NAD27 Land-surface elevation 3,584 feet above NAVD88 The depth of the well is 43 feet below land surface. This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer. **Output formats** 

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph



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Agency code = usgs site\_no list =

• 322259104255001

**Minimum number of levels** = 1 <u>Save file of selected sites</u> to local disk for future upload

#### USGS 322259104255001 22S.25E.19.21411

Available data for this site Groundwater: Field measurements ♥ GO Eddy County, New Mexico Hydrologic Unit Code --Latitude 32°22'59", Longitude 104°25'50" NAD27 Land-surface elevation 3,738 feet above NAVD88 The depth of the well is 75 feet below land surface. This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer. **Output formats** 

Table of data	
Tab-separated data	
Graph of data	
Reselect period	



Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

# ?

# 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 replaced, O=orphan C=the file	has beer ned, e is	ו (qu	iarte	ers a	are	1=NV	V 2=NI	E 3=SW	/ 4=SE)	3 UTM in meter	<b>a</b> )	(In feet)	
water right file.)	closed)	POD Sub-	(qt	Q	Q	Q	Sillain		iigest)	(NADo	5 O I WI III IIIetel	.5)	(III leet)	Water
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	DepthWellDe	epthWater	Column
<u>C 00107</u>		CUB	ED	4	3	3	09	218	25E	555822	3594647*			
<u>C 00384</u>		С	ED	1	4	1	17	21S	25E	554431	3593935	994	220	774
C 00384 CLW201180	0	С	ED	3	2	1	17	21S	25E	554411	3594236*	994	220	774
C 00384 CLW201207	0	С	ED	3	2	1	17	21S	25E	554411	3594236*	994	220	774
<u>C 00550</u>		С	ED	1	1	2	11	21S	25E	559689	3596136*	97		
<u>C 00885</u>		С	ED	3	4	2	05	21S	25E	555204	3597091*	348		
<u>C 00885 POD2</u>		С	ED	3	4	2	05	21S	25E	555204	3597091*	379	348	31
<u>C 01041</u>		С	ED	3	3	3	03	21S	25E	557260	3596343*	85	65	20
<u>C 01166</u>		С	ED		1	3	11	21S	25E	558976	3595176*	550		
<u>C 01399</u>		С	LE	3	3	2	15	21S	25E	558068	3593839*	200		
<u>C 01451</u>		С	ED		3	3	22	21S	25E	557373	3591507*	290	260	30
<u>C 01455</u>		С	ED		3	2	26	21S	25E	559780	3590713*	125	90	35
<u>C 01456</u>	R	С	ED		2	2	33	21S	25E	557012	3589339	60	17	43
<u>C 01456 POD2</u>		С	ED	4	2	2	33	21S	25E	557012	3589339	80	60	20
<u>C 01470</u>		С	ED		2	4	06	21S	25E	553698	3596774*	284	264	20
<u>C 02066</u>		С	ED	3	3	3	04	21S	25E	555616	3596280*	120	97	23
<u>C 02268</u>		CUB	ED	1	4	3	11	21S	25E	559277	3594853*	30	25	5
<u>C 02643</u>		С	ED		3	3	03	21S	25E	557361	3596444*	145	33	112
<u>C 02731</u>		С	ED	1	3	4	18	21S	25E	553218	3593208*	233	60	173
<u>C 03618 POD1</u>		С	ED	2	2	1	03	21S	25E	557943	3597754	160	80	80
											Average Depth	to Water:	137	feet
											Minim	um Depth:	17	feet
											Maximu	ım Depth:	348	feet

#### Record Count: 20

#### PLSS Search:

Township: 21S Range: 25E

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

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11/12/18 9:20 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

?

# 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	(R=POD replaced, O=orphan C=the file	has beer ned, e is	1 (qu	ıarte	ers a	ire 1	l=NW	/ 2=NH	E 3=SW	V 4=SE)				
water right file.)	closed)		(qı	larte	ers a	ire s	smalle	est to la	argest)	(NAD8	3 UTM in mete	rs)	(In feet)	
POD Number	Cada	POD Sub-	County	Q	Q	Q	See	True	Dng	v	V	DonthWallDa	N Suth Watar C	Vater
<u>C_00959</u>	Coue	C	ED	1	10	<b>4</b>	27	1 ws 22S	25E	557349	3581495*	DeptilwenDe	pin water C	oiuiiiii
<u>C_00960</u>		С	ED	3	1	2	28	228	25E	556534	3581303*	69	52	17
<u>C 00961</u>		С	ED	4	1	2	19	22S	25E	553461	3582890*	80	60	20
<u>C 00988</u>		С	ED			4	01	22S	25E	561503	3586854*	55	20	35
<u>C 01288</u>		С	ED		1	4	20	22S	25E	554996	3582193*	800		
<u>C 01492</u>		С	ED	1	2	4	30	22S	25E	553689	3580659*			
<u>C 01738</u>		С	ED	4	2	3	16	22S	25E	556273	3583728*	204		
<u>C 01758</u>		С	ED	4	2	3	16	22S	25E	556273	3583728*			
<u>C 01856</u>		С	ED			4	09	22S	25E	556774	3585236*	460		
<u>C 02362</u>		CUB	ED	1	3	3	29	22S	25E	554108	3580247*	83	60	23
<u>C 02874</u>		С	ED	4	3	2	11	22S	25E	559796	3585738*	740	385	355
<u>C 03552 POD1</u>		С	ED	4	4	2	15	22S	25E	558548	3584192	250	150	100
											Average Depth	to Water:	121 fe	et
											Minim	um Depth:	20 fe	et
											Maxim	um Depth:	385 fe	et
Record Count: 12														
PLSS Search:														

Township: 22S Range: 25E

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

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WATER COLUMN/ AVERAGE DEPTH TO WATER

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USGS Water Resources

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 Geographic Area:

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 V

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#### Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 322715104144501

**Minimum number of levels** = 1 <u>Save file of selected sites</u> to local disk for future upload

#### USGS 322715104144501 21S.26E.25.14241

Available data for this site Groundwater: Field measurements V GO Eddy County, New Mexico Hydrologic Unit Code --Latitude 32°27'15", Longitude 104°14'45" NAD27 Land-surface elevation 3,159 feet above NAVD88 The depth of the well is 464 feet below land surface. This well is completed in the Capitan Limestone (313CPTN) local aquifer. **Output formats** 





Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

# APPENDIX C Regulatory Correspondence

From:	OCDOnline@state.nm.us
То:	Beauvais, Charles R
Subject:	[EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 160303
Date:	Tuesday, November 29, 2022 1:19:35 PM

**CAUTION**: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Charles Beauvais for COG OPERATING LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAB1805142690, with the following conditions:

- Remediation and closure must be in compliance with 19.15.29.12 and 19.15.29.13 NMAC.
- In the "Sampling Plan" portion of the report, it states "To collect representative samples, composite samples (5-point composite) will be collected every 600 square feet (25 x 25) for the final confirmation sampling for the constituents of concern." The OCD approves 5-point composite samples representative of NO MORE THAN 400 SQUARE FEET. All other sampling is approved per the workplan.
- All confirmation samples must be analyzed for all constituents listed in Table I.
- 2RP-4632 closed. Please refer to incident #NAB1805142690 in all future communication.
- Please submit a complete closure report through the OCD Permitting website by 3/3/2023.

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, Brittany Hall Projects Environmental Specialist - A 505-517-5333 Brittany.Hall@emnrd.nm.gov

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

Santa Fe, NM 87505
# **Poole**, Nicholas

From:	Enviro, OCD, EMNRD <ocd.enviro@emnrd.nm.gov></ocd.enviro@emnrd.nm.gov>
Sent:	Wednesday, May 10, 2023 9:36 AM
То:	Poole, Nicholas
Cc:	Bratcher, Michael, EMNRD; Hall, Brittany, EMNRD
Subject:	RE: [EXTERNAL] Incident ID: nAB1805142690- Confirmation Sampling

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

# Nicholas,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

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



From: Poole, Nicholas <NICHOLAS.POOLE@tetratech.com>
Sent: Tuesday, May 9, 2023 1:51 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Subject: [EXTERNAL] Incident ID: nAB1805142690- Confirmation Sampling

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

Incident ID (n#) nAB1805142690 (Tequiza Federal #1)

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 have begun Monday, May 8, 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 of the release will be conducted at this site Thursday, May 11, 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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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetratech.com

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🚹 💟 🛅 🔯 Please consider the environment before printing. <u>Read more</u>



# **Poole**, Nicholas

From:	Hall, Brittany, EMNRD <brittany.hall@emnrd.nm.gov></brittany.hall@emnrd.nm.gov>
Sent:	Friday, April 21, 2023 3:21 PM
То:	Poole, Nicholas
Cc:	Llull, Christian
Subject:	RE: [EXTERNAL] Extension Request - Application ID 160303 (nAB1805142690)

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

Mr. Poole,

The extension request for nAB1805142690 is approved. New due date is 6/1/2023.

Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

**Brittany Hall** • Environmental Specialist Environmental Bureau Projects Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110 505.517.5333 | <u>Brittany.Hall@emnrd.nm.gov</u> http://www.emnrd.nm.gov/ocd/

From: Poole, Nicholas <NICHOLAS.POOLE@tetratech.com>
Sent: Friday, April 21, 2023 2:16 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Llull, Christian <Christian.Llull@tetratech.com>
Subject: [EXTERNAL] Extension Request - Application ID 160303 (nAB1805142690)

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

Ms. Hall:

On behalf of ConocoPhillips, Tetra Tech is requesting a 90-day extension (until June 1, 2023) to complete remedial activities and reporting associated with the Tequiza Federal #1 Release Site (nAB1805142690)

ConocoPhillips recently received a large volume of NMOCD determinations related to unresolved releases from ConocoPhillips' predecessor-in-interest ("COG") via the *Internal Manual Incident File Supporting Documentation (ENV)* (IM-BNF) process.

Given the difficulties inherent with available resource allocation for several projects with similar deadlines within a short period of time, this extension is required to safely complete the additional assessment and/or remediation. ConocoPhillips plans to conduct the remediation in the coming month, and once the sampling data is collected, tabulated, and evaluated, a closure report will be submitted to the OCD.

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

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

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# APPENDIX D Laboratory Analytical Data



April 10, 2023

CHRISTIAN LLULL TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND, TX 79701

RE: TEQUIZA FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 04/04/23 14:35.

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

## Sample ID: AH - 23 - 2 (0-1') (H231540-01)

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	0.106	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	0.165	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	0.271	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	0.542	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.4	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 3 (0-1') (H231540-02)

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	<0.050	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	0.063	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	6 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	91.2 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2 %	49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 4 (0-1') (H231540-03)

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	0.069	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	0.078	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22800	16.0	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	110	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	69.8	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	93.8 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 %	6 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 5 (0-1') (H231540-04)

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	0.273	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	0.153	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	0.191	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	0.616	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	6 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	95.2 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 %	6 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 6 (0-1') (H231540-05)

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	0.090	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	0.092	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 77.5-12	5						
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	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	76.3	48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 7 (0-1') (H231540-06)

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	<0.050	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	6 77.5-12.	5						
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	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	78.8 9	48.2-13-	4						
Surrogate: 1-Chlorooctadecane	82.4 9	49.1-14	8						

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\*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 8 (0-1') (H231540-07)

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	6 77.5-12	5						
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	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	83.3 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0 %	49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 9 (0-1') (H231540-08)

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 77.5-12	5						
Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	83.0 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5 %	6 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 10 (0-1') (H231540-09)

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8 %	6 77.5-12	5						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	85.9%	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3 %	6 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 1 (0-1') (H231540-10)

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 77.5-12	5						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	38400	16.0	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	85.4%	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2 %	6 49.1-14	8						

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\*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 1 (1'-2') (H231540-11)

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	67.7 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0 %	6 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez 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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: AH - 23 - 1 (2'-3') (H231540-12)

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	04/05/2023	ND	400	100	400	3.92	
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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	89.4 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.2 %	6 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# Received by OCD: 6/6/2023 4:06:55 PM

FORM-006 R 3.2 10/07/21

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Page 15 of 16

Relinquished By: Colton Bickerstaff     Date: 44/23     Received By: Time: H 35     No     Add't Phone #: All Results are emailed. Please provide Email address: Christian.Llui@itetratech.com       Relinquished By:     Date:     Date: H 35     Colton Bickerstaff     Time: H 35     Received By: H 35       Relinquished By:     Date:     Time: H 35     Received By: H 35     Received By: H 35     Received By: H 35	Project Manager: Christian Llull Project Manager: Christian Llull Project Manager: 8911 Capital o Texas Hwy, Suite 2310 Company: Tetra Tech	Address: 8911 Capital o Texas Hwy, Suite 2310 Company: Tetra Tech City: Austin State: TX Zip: Attn: Christian Llull	Address: 8911 Capital o Texas Hwy, Suite 2310 Cia: Auretin Cia: Cia: Cia: Cia: Cia: Cia: Cia: Cia:	Address: 8911 Capital o Texas Hwy, Suite 2310 Company: Tetra Tech	City: Austin State: TX Zip: Attn: Christian Llull	City: Austin State: TX Zip: Attn: Christian Luui	Phone #: (512)565-0190 Fax #: Address: EMAIL	A total page and pag	Project #: 212C-MD-02881 Project Owner: Conocol/hillips	Project Name: Tenuiza Federal #001 State: Zip: B	Project Name: Lequiza rederai #vv1	Project Location: Eddy County, New Mexico Phone #:	Sampler Name: Colton Bickerstaff Fax #:	In ATBIX PRESERV. 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Please provide Email address: Christian.Llul@tetratech.com Relinquished By: Date: Received By: Recei	Relinquished By: Colton Bickerstaff       Date: 44/23       Received By:       Verbal Result:       Yes       No       Add"I Phone #:         Relinquished By:       Colton Bickerstaff       Time:       H       Source and the source an	Notest and a dad't Phone #:         Relinquished By: Colton Bickerstaff       Date: 4/4/23       Received By:       Verbal Result:       Yes       No       Add't Phone #:         Relinquished By:       Date: 4/4/23       Received By:       All Results are emailed. 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		City: Austin State: TX Zip: Attn: Christian Llull	City: Auretin State: TX Zin: Attn: Christian Llull		City: Austin State: TX Zip: Attn: Christian Llull	City: Austin State: TX Zip: Attn: Christian Luui	Phone #: (512)565-0190 Fax #: Address: EMAIL	A 1 A 10 M 10 A 10 A 10 A 10 A 10 A 10 A	Project #: 212C-MD-02881 Project Owner: Conocol/hillips	Project Name: Tenuiza Federal #001 State: Zip: B	Project Name: Lequiza rederai #vv1	Project Location: Eddy County, New Mexico Phone #:	Sampler Name: Colton Bickerstaff Fax #:	In ATBIX PRESERV. SAMPLING	FOR URLINES MATRIX PRESERV. SAMPLING	AP.	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Standard TAT       Cool Matc       Course of Matc         Image: Cool_Intact       I	City: Austin Phone #: () Project Mame: Teq Project Location: E Sampler Name: Col Repute Use ONLY Lab I.D. Lab I.D.	512)565-0190 Fi 1122 Federal #001 Cody County, New Mex Iton Bickerstaff AH-23-1 (1'-2') AH-23-1 (2'-3') AH-23-1 (3'-4') AH-23-1 (3'-4') AH-23-1 (5'-6') AH-23-1 (5'-6')	ico oject Owner: 		Dir     Pi     Pi    <		T WASTEWATER		SLUDGE S	OTHER: Fax	ACID/BASE: RE: T: C	OTHER : .	DATE         SAMPL           DATE         44/2003           4/4/2003         4/4/2004           4/4/2003         4/4/2004           4/4/2003         4/4/2004           4/4/2004         4/4/2004           4/4/2004         4/4/2004           4/4/2004         4/4/2004           4/4/2004         4/4/2004           4/4/2004         4/4/2004 <td>Indiana including these for n</td> <td></td> <td>nd. 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Received by OCD: 6/6/2023 4:06:55 PM

 $\uparrow$  Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com// 23

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**CARDINAL** Laboratories



May 11, 2023

CHRISTIAN LLULL TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND, TX 79701

RE: TEQUIZA FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 05/10/23 16:55.

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

Received:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

## Sample ID: NSW - 1 (H232339-01)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEX	<0.300	0.300	05/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	6 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	288	16.0	05/11/2023	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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					
Surrogate: 1-Chlorooctane	86.0	48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0 \$	49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: ESW - 1 (H232339-02)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEX	<0.300	0.300	05/11/2023	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	96.0	16.0	05/11/2023	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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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\*=Accredited Analyte

Celez 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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

### Sample ID: SSW - 1 (H232339-03)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEX	<0.300	0.300	05/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	96.0	16.0	05/11/2023	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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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

Received:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

#### Sample ID: WSW - 1 (H232339-04)

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEX	<0.300	0.300	05/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	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	304	16.0	05/11/2023	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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					
Surrogate: 1-Chlorooctane	80.6 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.69	% 49.1-14	8						

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

Received:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

## Sample ID: FS - 1 (H232339-05)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEX	<0.300	0.300	05/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	272	16.0	05/11/2023	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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

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Celez 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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

## Sample ID: FS - 2 (H232339-06)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEX	<0.300	0.300	05/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	144	16.0	05/11/2023	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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

## Sample ID: FS - 3 (H232339-07)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEX	<0.300	0.300	05/11/2023	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	160	16.0	05/11/2023	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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

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\*=Accredited Analyte

Celez 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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

## Sample ID: FS - 4 (H232339-08)

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEX	<0.300	0.300	05/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	256	16.0	05/11/2023	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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

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\*=Accredited Analyte

Celez 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 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

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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May 12, 2023

CHRISTIAN LLULL TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND, TX 79701

RE: TEQUIZA FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 05/11/23 16:05.

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 <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:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/12/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02881	Sample Received By:	Shari Cisneros
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

# Sample ID: FS - 5 (H232367-01)

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	05/12/2023	ND	2.27	114	2.00	4.34	
Toluene*	<0.050	0.050	05/12/2023	ND	2.25	113	2.00	4.03	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.22	111	2.00	4.08	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.76	113	6.00	5.15	
Total BTEX	<0.300	0.300	05/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	208	16.0	05/12/2023	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	05/12/2023	ND	195	97.4	200	3.47	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	192	96.2	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	49.1-14	8						

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#### \*=Accredited Analyte

Celez 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:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/12/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02881	Sample Received By:	Shari Cisneros
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

# Sample ID: FS - 6 (H232367-02)

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	05/12/2023	ND	2.27	114	2.00	4.34	
Toluene*	<0.050	0.050	05/12/2023	ND	2.25	113	2.00	4.03	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.22	111	2.00	4.08	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.76	113	6.00	5.15	
Total BTEX	<0.300	0.300	05/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	240	16.0	05/12/2023	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	05/12/2023	ND	195	97.4	200	3.47	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	192	96.2	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez 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
Image:	Received by OCD: 6/6/2023 4:0	06:55 PM			Page 73 of 105
DINAL       CHAIN-OF-CUSTODY AND ANALYSIS REQU         approx       Final fully       For the final fully       For the final fully         approx       Final fully       For the final fully       For the final fully       For the final fully         State       The final fully       For the final fully       For the final fully       For the final fully       For the final fully         State       The final fully       For the final fully         State       The final fully       For the final fully         State       The final fully       For the final fully	Andrew Garcia Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other:	PLEASE NOTE: Liability and Damages. Cardinal's liab analyses. All claims including those for negligence and service. In no event shall Cardinal be liable for incident affiliate. "Successors atisfied out of or related to the pe Refinct using out of or related to the pe	Lab I.D. San	Address: City: Phone #: Project #: 2 12C-MO-02 Project Name: Project Location: Ed.d. Sampler Name: Andrew	Torpany Name:
CHAIN-OF-CUSTODY ANALYSIS REQUEST         BILL 70       AMALYSIS REQUEST         P.0.#:       TELE. Chn:Shen         Company:       Teles:       Liwit         Pone #:       Teles:       Liwit         Pone #:       Pone #:       Pone #:         Pone #:       Liwit       Presenve       Sampling         Pone #:       Presenve       Sampling       Presenve         Pone #:       Pone #:       Pone #:       Pone #:         Pone #:       Pone #:       Pone #:       Pone #:         Pone #:       Pone #:       Pone #:       Pone #:       Pone #:         Pone #:       Pone #:       Pone #:       Pone #:       Pone #:         Pone #:       Pone #:       Pone #:       Pone #:       Pone #:       Pone #:         Pone #:       Pone #:       Pone #:       Pone #:       Pone #:       Pone #:       Pone #:       Pone #:       Pone #:       Pone #:<	Date:       Received By:         Date:       Received By:         Date:       Received By:         Date:       Columnation         Observed Temp. °C 20.4       Sample 0         Corrected Temp. °C 19.8       Cool 10         Corrected Temp. °C 19.8       Ves         The content of the c	G I X X X X X X X X X X X X X X X X X X	C (G)RAB OR (C)OMP.  C (G)RAB OR (C)OMP. C (G)RAB OR (C)OMP.  C (G)RAB OR (C)OMP. C (G)RAB OR	State: Zip: Fax #: 	DINAL Pratories arland, Hobbs, NM 88240 2326 FAX (575) 393-2476
HAIN-OF-CUSTODY AND ANALYSIS REQU         ANALYSIS REQUEST         ANALYSIS	All RE CHECKED BY: Turn tract Ves (Initials) Ther No CHECKED BY: Turn tract I changes. Please email changes	A Contract or tort, shall be limited to the amount paid by the writing and received by Cardinal within 30 days after community for the contract of tortes, or toss of profits incurred by dient community of the above stated or toreacoust under Carlina within 30 days after community of the above stated or toreacoust and the toreacoust of the above stated or toreacoust of the toreacoust of the above stated or toreacoust of the	OIL SLUDGE OTHER : ACID/BASE: CICE / COOL OTHER : OTHER : OTHER : DATE	Company: Tetra Te Attn: Tetra Chn: Address: Ll City: City: Phone #: Fax #:	BO # BILL TO
	erbal Result:       Yes       No       Add'I Phone #:         I Results are emailed.       Please provide Email address:         Chro'stren.       Lluw e turn tech.com         EMARKS:       Poole e turn tech.com         Mi choles.       Poole e turn tech.com         maround Time:       Standard Bacteria (only) Sample Condition         emoneter ID #113       24 HR       Drei Ves         rection Factor - 0.6°c       24 HR       Nc No         Nc No       Corrected Temp.°         st to celey.keene@cardinallabsnm.com	To co X X X X X X X X X X X X X X X X X X	TIME TPH BTEX Chlorida	4600	CHAIN-OF-CUSTODY AND ANALYSIS REQU

Page 5 of 5

## APPENDIX E Waste Manifests

Wustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLIPS CRI2190 IKE TAVAREZ 01 5/9/2023 MCNABB PARTNERS JOSH M35	Tick Bid a Date Gen Gen Well Well Field Rig: Cour	et #: erator: erator: ser. #: Name: #: l: !	Page 75 of 105 OGUJ9A000JEC 5/9/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERAL 001 NON-DRILLING EDDY (NM)		
	Qu	antity Units				
t)	14.00 yards					
of Waste Sta	tus					
source Conserva e described was nerated from oil which is non-haulations, 40 CFR is attached to d zardous Waste	ation and Recovery Act (RC te is: and gas exploration and pr azardous that does not exce 2 261.21-261.24 or listed haz lemonstrate the above-descr Analysis Process Know	CRA) and the U oduction operat ed the minimum zardous waste as ribed waste is no vledge Oth	S Enviror ions and a standard defined on-hazard ner (Provi	nmental Protection Agency's July are not mixed with non-exempt waste ls for waste hazardous by in 40 CFR, part 261, subpart D, as ous. (Check the appropriate items): ide description above)		
	R360 Represent	ative Signatu	re			
		W				
	Mustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref # Job Ref # of Waste Sta source Conserva e described was herated from oil which is non-hulations, 40 CFF is attached to d zardous Waste	Wustomer:       CONOCOPHILLIPS         Customer #:       CRI2190         Ordered by:       IKE TAVAREZ         AFE #:       PO #:         Manifest #:       01         Manif. Date:       5/9/2023         Hauler:       MCNABB PARTNERS         Driver       JOSH         Truck #       M35         Card #       Job Ref #         Of Waste Status       Que         source Conservation and Recovery Act (RC         e described waste is:       nerated from oil and gas exploration and pr         revich is non-hazardous that does not exceed attached to demonstrate the above-described waste Analysis Process Know         R360 Represent	Wustomer:       CONOCOPHILLIPS       Tick         Customer #:       CRI2190       Bid a         Ordered by:       IKE TAVAREZ       Date         AFE #:       Gen       Gen         PO #:       Gen       Gen         Manifest #:       01       Well         Manif. Date:       5/9/2023       Well         Hauler:       MCNABB PARTNERS       Well         Driver       JOSH       Field         Truck #       M35       Field         Card #       Rig:       Job Ref #         Job Ref #       Cour       Courdity Units         source Conservation and Recovery Act (RCRA) and the U       e described waste is:         nerated from oil and gas exploration and production operate       which is non-hazardous that does not exceed the minimum         alations, 40 CFR 261.21-261.24 or listed hazardous waste as       is attached to demonstrate the above-described waste is no         zardous Waste Analysis       Process Knowledge       Ott         R360 Representative Signatu       Mait	Wustomer:       CONOCOPHILLIPS       Ticket #:         Customer #:       CRI2190       Bid #:         Ordered by:       IKE TAVAREZ       Date:         AFE #:       Generator:       Generator:         PO #:       Generator:       Generator:         Manifest #:       01       Well Ser. #:         Manif. Date:       5/9/2023       Well Name:         Hauler:       MCNABB PARTNERS       Well #:         Driver       JOSH       Field:         Truck #       M35       Field #:         Card #       Rig:       County         Job Ref #       County       County         Waste Status         source Conservation and Recovery Act (RCRA) and the US Environe         escribed waste is:       nerated from oil and gas exploration and production operations and actions, 40 CFR 261.21-261.24 or listed hazardous waste as defined         is attached to demonstrate the above-described waste is non-hazard         attached to demonstrate the above-described waste is non-hazard         zardous Waste Analysis       Process Knowledge       Other (Provi         R360 Representative Signature		

Received by OCD: 6/6/2023 4:06:55	We ustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILI CRI2190 IKE TAVAREZ 02 5/9/2023 MCNABB PART GUMER M36	LIPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	Page 76 of 10 700-1428232 O6UJ9A000JEC 5/9/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERAL 001 NON-DRILLING EDDY (NM)	5
Facility: CRI						
Product / Service		The Martin P	Quantity U	nits		
Contaminated Soil (RCRA Exemp	t)		16.00	yards		intern.
<ul> <li>X RCRA Exempt: Oil Field wastes ge</li> <li>RCRA Non-Exempt: Oil field wastes</li> <li>Characteristics established in RCRA reg</li> <li>amended. The following documentation</li> <li>MSDS Information</li> <li>RCRA Ha</li> </ul>	e described was nerated from oi e which is non-h ulations, 40 CFI n is attached to o zardous Waste	ste is: and gas exploration azardous that does R 261.21-261.24 or demonstrate the abo Analysis Proc	on and production of not exceed the min listed hazardous w ove-described wast cess Knowledge	operations and a nimum standard aste as defined e is non-hazard Other (Provi	are not mixed with non-exempt wa ls for waste hazardous by in 40 CFR, part 261, subpart D, as ous. (Check the appropriate items ide description above)	st( ):
C Agent Signature		R360 Re	presentative Sig	gnature		
Jumer Rdg			Ons	10		
Customer Approval						
	THIS	S IS NOT A		E!		
Approved By:			Date:			

Received by OCD: 6/6/2023 4:06:55	PM ustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLIPS CRI2190 IKE TAVAREZ 03 5/9/2023 MCNABB PARTNERS LLC MICHAEL M34	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Field: Field #: Rig: County	Page 77 of 105 700-1428236 O6UJ9A000JEC 5/9/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERAL 001 NON-DRILLING EDDY (NM)				
Facility: CRI								
Product / Service		Quanti	ty Units					
Contaminated Soil (RCRA Exemp	t)	14	.00 yards					
<ul> <li>1988 regulatory determination, the abov</li> <li><u>X</u> RCRA Exempt: Oil Field wastes ge</li> <li> RCRA Non-Exempt: Oil field waste</li> <li>characteristics established in RCRA reg</li> <li>amended. The following documentation</li> <li> MSDS Information RCRA Ha</li> </ul>	e described was nerated from oi which is non-h ulations, 40 CFI is attached to o zardous Waste	ste is: I and gas exploration and product azardous that does not exceed th R 261.21-261.24 or listed hazardo demonstrate the above-described Analysis Process Knowledg	tion operations and a e minimum standard us waste as defined waste is non-hazard e Other (Provi	are not mixed with non-exempt waste ls for waste hazardous by in 40 CFR, part 261, subpart D, as ous. (Check the appropriate items): ide description above)				
Driver/ Agent Signature		R360 Representative	e Signature					
MMM	Z	= $m$	11-1					
Customer Approval	az							
THIS IS NOT AN INVOICE!								
Approved By:		Date:						

Received by OCD: 6/6/2023 4:06:55 T RECEIVER ONMENTAL SOLUTIONS Permian Basin	Vustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILI CRI2190 IKE TAVAREZ 04 5/9/2023 MCNABB PART JOSH M35	LIPS NERS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1428308 O6UJ9A000JEC 5/9/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	<i>Page 78 of 105</i> .IPS .RAL		
Facility: CRI								
Product / Service			Quantity U	nits				
Contaminated Soil (RCRA Exempt	t)		14.00	yards				
Generator Certification Statement I hereby certify that according to the Re- 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes gen RCRA Non-Exempt: Oil field waste characteristics established in RCRA regulation amended. The following documentation MSDS Information RCRA Hat Driver/ Agent Signature	Senerator 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 a RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):         MSDS Information       RCRA Hazardous Waste Analysis       Process Knowledge       Other (Provide description above)         Driver/ Agent Signature       R360 Representative Signature							
Customer Approval Approved By:	THI	S IS NOT /	AN INVOIC Date:	E!				

Received by OCD: 6/6/2023 4:06:55	Wustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHIL CRI2190 IKE TAVAREZ 05 5/9/2023 MCNABB PART GUMER M36	LIPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well %: Field: Field #: Rig: County	700-1428309 O6UJ9A000JE0 5/9/2023 CONOCOPHILI 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	Page 79 of 105 C LIPS ERAL
Facility: CRI						
Product / Service			Quantity U	nits		
Contaminated Soil (RCRA Exemp	t)		16.00	yards		
X RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field wastes characteristics established in RCRA reg amended. The following documentation _ MSDS Information _ RCRA Ha Driver/ Agent Signature 	nerated from oi e which is non-h ulations, 40 CFI n is attached to o zardous Waste	and gas explorati azardous that does 261.21-261.24 or demonstrate the ab Analysis Pro- <b>R360 Re</b>	on and production s not exceed the mi listed hazardous w ove-described wast cess Knowledge	operations and a nimum standard aste as defined te is non-hazard Other (Provi gnature	are not mixed with ls for waste hazard in 40 CFR, part 26 ous. (Check the ap ide description abo	non-exempt waste lous by 1, subpart D, as propriate items): ove)
Customer Approval			No. of the second s			
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Approved By:			Date:			

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Received by OCD: 6/6/2023 4:06:55 PA	Vustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLIPS CRI2190 IKE TAVAREZ 06 5/9/2023 MCNABB PARTNERS MICHAEL M34	Ticket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well Name: Field: Field #: Rig: County	Page 80 of 105 O6UJ9A000JEC 5/9/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERAL 001 NON-DRILLING EDDY (NM)
Facility: CRI				
Product / Service		G	uantity Units	
Contaminated Soil (RCRA Exempt)			14.00 yards	

#### **Generator Certification Statement of Waste Status**

pH

0.00

CI

0.00

Cond.

0.00

Cell

28

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:

TDS

PCI/GM

MR/HR

3.00

H2S

% Oil

Weight

%Solids

0

<u>X</u> RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste <u>RCRA Non-Exempt</u>: 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):
 <u>MSDS Information</u> <u>RCRA Hazardous Waste Analysis</u> <u>Process Knowledge</u> <u>Other (Provide description above)</u>

Driver/ Agent Signature	R360 Representative Signature
MUUM Under	( JAN
Customer Ann Fred	- Gro
Customer Approval	

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Approved By:

Lab Analysis:

Date:

Received by OCD: 6/6/2023 4:06:55 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Poustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLIPS CRI2190 IKE TAVAREZ 07 5/10/2023 MCNABB PARTNERS LLC JOEL M33	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field : Field #: Rig: County	700-1428705 O6UJ9A000JEC 5/10/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	<i>Page 81 of 105</i> IPS RAL
Facility: CRI					
Product / Service		Quantity I	Jnits		
Contaminated Soil (RCRA Exempt	t)	14.00	yards		
1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes gen _ RCRA Non-Exempt: Oil field waste characteristics established in RCRA regu amended. The following documentation _ MSDS Information _ RCRA Ha Driver/ Agent Signature Customer Approval	e described was nerated from oi which is non-h ulations, 40 CFI is attached to o zardous Waste	and and receivery rec(recreat) and ste is: I and gas exploration and production lazardous that does not exceed the m R 261.21-261.24 or listed hazardous v demonstrate the above-described was Analysis Process Knowledge R360 Representative Si	operations and a inimum standard vaste as defined ste is non-hazard Other (Provi ignature	are not mixed with a ls for waste hazardo in 40 CFR, part 261 ous. (Check the app ide description abov	Agency's July non-exempt wast( ous by l, subpart D, as propriate items): ve)
	THIS	S IS NOT AN INVOID	E!		
Approved By:		Date:	-		

Received by OCD: 6/6/2023 4:06:55	Vustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLI CRI2190 IKE TAVAREZ 08 5/10/2023 MCNABB PARTN JOSH M35	PS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1428702 O6UJ9A000JEC 5/10/2023 CONOCOPHILLI 40946 35849 TEQUIZA FEDEF 001 NON-DRILLING EDDY (NM)	<i>Page 82 of 105</i> PS RAL
Facility: CRI						
Product / Service			Quantity U	nits		
Contaminated Soil (RCRA Exempt	t)		14.00 y	/ards		
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes gen RCRA Non-Exempt: Oil field wastes characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA Ha	of Waste Sta source Conserva- e described was nerated from oil e which is non-h- ulations, 40 CFF n is attached to o zardous Waste	tus ation and Recovery ate is: and gas exploration azardous that does n 2 261.21-261.24 or li demonstrate the abov Analysis Proce	Act (RCRA) and t n and production of not exceed the mir sted hazardous wa ve-described wast ss Knowledge	the US Enviror operations and a nimum standard aste as defined e is non-hazard Other (Provi	nmental Protection A are not mixed with n ds for waste hazardo in 40 CFR, part 261, ous. (Check the app ide description abov	Agency's July ion-exempt waste us by , subpart D, as ropriate items): re)
Driver/ Agent Signature		R360 Rep	presentative Sig	Inature		
Customer Approval	THIS	S IS NOT A	N INVOIC			

Received by OCD: 6/6/2023 4:06:55 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Mustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILL CRI2190 IKE TAVAREZ 09 5/10/2023 MCNABB PARTI JOSH M35	IPS NERS LLC	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1428774 O6UJ9A000JEC 5/10/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	Page 83 of 105		
Facility: CRI								
Product / Service			Quantity U	nits				
Contaminated Soil (RCRA Exempt	:)		14.00 yards					
Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: 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 Rej	presentative Sig	nature				
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Customer Approval				Sub-				
	THIS	S IS NOT A		E!				
Approved By:			Date:					

Received by OCD: 6/6/2023 4:06:55 I RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Vustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILI CRI2190 IKE TAVARES 10 5/10/2023 MCNABB PART JOEL M33	-IPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1428785 O6UJ9A000JEC 5/10/2023 CONOCOPHILI 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	Page 84 of 105		
Facility: CRI								
Product / Service			Quantity U	nits				
Contaminated Soil (RCRA Exemp	t)		14.00	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 documentation MSDS Information RCRA Ha	source Conserv 'e described was nerated from oil which is non-h ulations, 40 CFI n is attached to d azardous Waste	ation and Recovery ste is: and gas exploration azardous that does R 261.21-261.24 or demonstrate the ab- Analysis Proc	y Act (RCRA) and to on and production of not exceed the min listed hazardous was ove-described wast cess Knowledge	the US Environ operations and a nimum standard aste as defined e is non-hazard Other (Provi	nmental Protection are not mixed with ls for waste hazard in 40 CFR, part 26 ous. (Check the ap ide description abo	Agency's July non-exempt waste ous by l, subpart D, as propriate items): ove)		
Driver/ Agent Signature		R360 Re	presentative Sig	Inature				
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Customer Approval			CIEC	>				
THIS IS NOT AN INVOICE!								
Approved By:			Date:					

Received by OCD: 6/6/2023 4:06:55 Received by OCD: 6/6/2023 4:06:55 ENVIRONMENTAL SOLUTIONS Permian Basin	Mustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILI CRI2190 IKE TAVAREZ 11 5/11/2023 MCNABB PART RUBEN M32	LIPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	Page 85 of O6UJ9A000JEC 5/11/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERAL 001 NON-DRILLING EDDY (NM)	105
Facility: CRI						
Product / Service			Quantity U	nits		R AHAR
Contaminated Soil (RCRA Exemp	t)		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 documentation _ MSDS Information _ RCRA Ha Driver/ Agent Signature	esource Conserv ve described was nerated from oi e which is non-h ulations, 40 CFI n is attached to o azardous Waste	ation and Recover ste is: I and gas exploration azardous that does R 261.21-261.24 or demonstrate the ab Analysis Proc R360 Re	y Act (RCRA) and on and production of s not exceed the min listed hazardous w ove-described wast cess Knowledge	the US Environ operations and a nimum standard aste as defined e is non-hazard Other (Provi gnature	mental Protection Agency's Jul are not mixed with non-exempt ls for waste hazardous by in 40 CFR, part 261, subpart D, ous. (Check the appropriate iter ide description above)	y wasto as ns):
Customer Approval	THIS	S IS NOT A	AN INVOIC	E!		
Approved By:			Date:			

R360 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLIPS CRI2190 IKE TAVAREZ 12 5/11/2023 MCNABB PARTNEF ALBARO M31	RS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1429008 O6UJ9A000JEC 5/11/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERAL 001 NON-DRILLING EDDY (NM)
Facility: CRI					
Product / Service			Quantity U	nits	
Contaminated Soil (RCRA Exemp	t)		16.00 y	/ards	
<u>X</u> RCRA Exempt: Oil Field wastes ge _ RCRA Non-Exempt: Oil field wastes characteristics established in RCRA reg amended. The following documentation _ MSDS Information _ RCRA Ha	nerated from oil which is non-ha ulations, 40 CFR is attached to d zardous Waste A	and gas exploration ar azardous that does not 261.21-261.24 or liste emonstrate the above- Analysis _ Process R360 Repre	nd production of exceed the mir d hazardous wa described waste Knowledge sentative Sig	operations and a nimum standard aste as defined e is non-hazard Other (Provi nature	are not mixed with non-exempt waste is for waste hazardous by in 40 CFR, part 261, subpart D, as ous. (Check the appropriate items): ide description above)
Customer Approval					
Customer Approval	THIS	S IS NOT AN	INVOIC	E! ( ,	

Received by OCD: 6/6/2023 4:06:55 F	Ustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILI CRI2190 IKE TAVAREZ 13 5/11/2023 MCNABB PART RUBEN M32	IPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1429134 O6UJ9A000JE0 5/11/2023 CONOCOPHILI 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	Page 87 of 105 C LIPS ERAL
Facility: CRI						
Product / Service			Quantity U	nits		
Contaminated Soil (RCRA Exempt	t)		16.00	yards		
1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ger _ RCRA Non-Exempt: Oil field waste characteristics established in RCRA regulation amended. The following documentation _ MSDS Information _ RCRA Ha Driver/ Agent Signature	e described was nerated from oi which is non-h ulations, 40 CFI is attached to o zardous Waste	and gas exploration azardous that does R 261.21-261.24 or demonstrate the ab Analysis Proc R360 Re	on and production of not exceed the min listed hazardous w ove-described wast cess Knowledge	operations and a nimum standard aste as defined e is non-hazard Other (Prov	are not mixed with ls for waste hazard in 40 CFR, part 26 ous. (Check the ap ide description abo	Agency's July non-exempt waste lous by 51, subpart D, as ppropriate items): ove)
Customer Approval	, THIS	S IS NOT A		E!		
Approved By:			Date:			

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Received by OCD: 6/6/2023 4:06:55 T RECEIVER ON MENTAL SOLUTIONS Permian Basin	Mustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILI CRI2190 IKE TAVAREZ 14 5/11/2023 MCNABB PART ALBARO M31	LIPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1429135 O6UJ9A000JEC 5/11/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	Page 88 of 105		
Facility: CRI								
Product / Service			Quantity	Units				
Contaminated Soil (RCRA Exempt	t)		16.00 yards					
I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes get _ RCRA Non-Exempt: Oil field waste characteristics established in RCRA regulation amended. The following documentation _ MSDS Information _ RCRA Ha	of Waste Sta source Conserv e described was nerated from oil which is non-h ulations, 40 CFI is attached to o zardous Waste	tus ation and Recover ste is: and gas exploration azardous that does R 261.21-261.24 or demonstrate the ab Analysis Proc	y Act (RCRA) and on and production s not exceed the m listed hazardous ove-described wa cess Knowledge	the US Environ operations and a inimum standard waste as defined ste is non-hazard Other (Prov	nmental Protection are not mixed with ds for waste hazarde in 40 CFR, part 26 lous. (Check the ap ide description abo	Agency's July non-exempt wasto ous by 1, subpart D, as propriate items): ve)		
Driven Agent Signature		R360 R6	presentative S	ignature				
Customer Approval	THIS	S IS NOT A	AN INVOIC	Ei M				

Received by OCD: 6/6/2023 4:06:55 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	PM ustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLIPS CRI2190 IKE TAVAREZ 15 5/11/2023 MCNABB PARTNERS MICHAEL M34	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	Page 89 of 105 700-1429132 O6UJ9A000JEC 5/11/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERAL 001 NON-DRILLING EDDY (NM)
Facility: CRI				
Product / Service		Quantity U	nits	
Contaminated Soil (RCRA Exemp	t)	14.00	yards	
Generator Certification Statement of Waste Status         I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's 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-exempt				
Driver/ Agent Signature		R360 Representative Si	gnature	
MUUL	4		XH	
Customer Approval	Te		0	
	THIS	S IS NOT AN INVOIC	E!	
Approved By:		Date:		

Received by OCD: 6/6/2023 4:06:55 T Received by OCD: 6/6/2023 4:06:55 T Received by OCD: 6/6/2023 4:06:55 T ENVIRONMENTAL SOLUTIONS Permian Basin	Vustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHIL CRI2190 IKE TAVAREZ 16 5/11/2023 MCNABB PART JOSH M35	LIPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1429128 O6UJ9A000JEC 5/11/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	<i>Page 90 of 105</i> ; .IPS :RAL
Facility: CRI						
Product / Service			Quantity U	nits		
Contaminated Soil (RCRA Exempt	t)		14.00	/ards		
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	source Conserva e described was nerated from oil which is non-h ulations, 40 CFF is attached to c zardous Waste	ation and Recover ste is: I and gas explorati azardous that doe R 261.21-261.24 or demonstrate the ab Analysis Pro	y Act (RCRA) and on and production of s not exceed the min listed hazardous w oove-described wast cess Knowledge	the US Enviror operations and a nimum standard aste as defined e is non-hazard Other (Provi	umental Protection are not mixed with ls for waste hazard in 40 CFR, part 26 ous. (Check the ap ide description abo	Agency's July non-exempt waste ous by l, subpart D, as propriate items): we)
Driver/ Agent Signature		R360 R	epresentative Sig	mature	<u> </u>	
Customer Approval	56.			//		
	THIS	S IS NOT	AN INVOIC	E!		
Approved By:			Date:			

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Received by OCD: 6/6/2023 4:06:55 I RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Vustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILL CRI2190 IKE TAVAREZ 17 5/11/2023 MCNABB PARTI JOEL M33	IPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1429167 O6UJ9A000JEC 5/11/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	Page 91 of 105 IPS RAL
Facility: CRI						
Product / Service			Quantity U	nits		
Contaminated Soil (RCRA Exempt	t)		14.00	/ards		
I hereby certify that according to the Res 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes gen _ RCRA Non-Exempt: Oil field waste characteristics established in RCRA regulation amended. The following documentation _ MSDS Information _ RCRA Ha	source Conserv e described was nerated from oil e which is non-h ulations, 40 CFI n is attached to o zardous Waste	ation and Recovery ste is: and gas exploration azardous that does R 261.21-261.24 or demonstrate the abor Analysis Proc	Act (RCRA) and on and production of not exceed the min listed hazardous was ove-described wast ess Knowledge	the US Environ operations and a nimum standard aste as defined e is non-hazard Other (Provi	nmental Protection are not mixed with ls for waste hazard in 40 CFR, part 26 ous. (Check the ap ide description abo	Agency's July non-exempt wasto ous by l, subpart D, as propriate items): ve)
Driver/ Agent Signature	E CE RAMA	R360 Re	presentative Sto	inature	/ . 7	
Customer Approval	THIS	S IS NOT A		E!		
Approved By:			Date:			

Received by OCD: 6/6/2023 4:06:55 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Polystomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILL CRI2190 IKE TAVAREZ 18 5/15/2023 MCNABB PART JOEL M33	JIPS NERS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	Page 92 of 105 700-1430342 O6UJ9A000JEC 5/15/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERAL 001 NON-DRILLING EDDY (NM)
Facility: CRI					
Product / Service			Quantity U	nits	
Contaminated Soil (RCRA Exempt	t)		14.00	yards	
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes gen RCRA Non-Exempt: Oil field wastes characteristics established in RCRA reg amended. The following documentation MSDS Information _ RCRA Ha	of Waste Sta source Conserv e described was nerated from oil which is non-h ulations, 40 CFI n is attached to o azardous Waste	ation and Recovery ste is: and gas exploration azardous that does R 261.21-261.24 or demonstrate the abo Analysis Proc	y Act (RCRA) and on and production not exceed the mi listed hazardous w ove-described wast cess Knowledge	the US Environ operations and nimum standard aste as defined te is non-hazard ther (Prov	nmental Protection Agency's July 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): ide description above)
Driver/ Agent Signature		R360 Re	presentative Si	gnature	$\geq$
Customer Approval				10	
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Approved By:			Date:	- <u></u>	

Received by OCD: 6/6/2023 4:06:55 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Polustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILI CRI2190 IKE TAVAREZ 19 5/15/2023 MCNABB PART MICHAEL M34	LIPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1430337 O6UJ9A000JEC 5/15/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERAL 001 NON-DRILLING EDDY (NM)		
Facility: CRI							
Product / Service			Quantity U	Inits			
Contaminated Soil (RCRA Exemp	ot)		-16.00 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 He	t of Waste Sta esource Conserv- ve described wa enerated from oi e which is non-l gulations, 40 CF n is attached to azardous Waste	atus vation and Recover ste is: l and gas exploration nazardous that doe R 261.21-261.24 or demonstrate the ab Analysis Pro	y Act (RCRA) and on and production s not exceed the mi listed hazardous w ove-described was cess Knowledge	the US Enviro operations and nimum standard vaste as defined te is non-hazard Other (Prov	nmental Protection Agency's July 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)		
Driver/ Agent Signature		R360 R	epresentative Si	gnature	7		
Customer Approval				$\gamma$			
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Approved By:			Date:				

Received by OCD: 6/6/2023 4:06:55 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin	Poustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLIPS CRI2190 IKE TAVAREZ 20 5/15/2023 MCNABB PARTNERS LLC VICTOR 16	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	P 700-1430352 O6UJ9A000JEC 5/15/2023 CONOCOPHILLIPS 40946 35849 TEQUIZA FEDERA 001 NON-DRILLING EDDY (NM)	<i>age 94 of 105</i> 5 .L
Facility: CRI					
Product / Service		Quant	tity Units		
Contaminated Soil (RCRA Exempt	t)	1	6.00 yards		
I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes get RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information _ RCRA Ha	source Conserv e described was nerated from oil e which is non-h ulations, 40 CFI n is attached to o zardous Waste	ation and Recovery Act (RCRA ete is: and gas exploration and produ- azardous that does not exceed to 261.21-261.24 or listed hazard demonstrate the above-described Analysis Process Knowled	and the US Environ ction operations and the minimum standard lous waste as defined d waste is non-hazard lge Other (Prov	nmental Protection Ag are not mixed with nor ds for waste hazardous in 40 CFR, part 261, s lous. (Check the appro ide description above)	ency's July n-exempt wasta by ubpart D, as priate items):
Driver/ Agent Signature		R360 Representativ	xe Signature		
Customer Approval					
	THIS	S IS NOT AN INV	OICE!		
Approved By:		Date:			

Received by OCD: 6/6/2023 4:06:55 RECEIVERONMENTAL SOLUTIONS Permian Basin	PMustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILL CRI2190 IKE TAVAREZ 21 5/15/2023 MCNABB PARTI RUBEN M09	IPS NERS LLC	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1430350 O6UJ9A000JEC 5/15/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	<i>Page 95 of 105</i> IPS RAL
Product / Service			<b>e</b>			
Contaminated Soil (BCBA Exempt	+)		Quantity U	nits		and the second second
	.)		10.00	/ards		
Increase certainy that according to the Res 1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes ger RCRA Non-Exempt: Oil field waste characteristics established in RCRA regu amended. The following documentation MSDS Information _ RCRA Ha	e described was nerated from oi which is non-h ulations, 40 CFI n is attached to o zardous Waste	ation and Recovery ste is: I and gas exploration azardous that does R 261.21-261.24 or I demonstrate the abo Analysis Proc	and production of not exceed the min listed hazardous way ove-described wast ess Knowledge	operations and a nimum standard aste as defined e is non-hazard Other (Prov	nmental Protection are not mixed with ds for waste hazardo in 40 CFR, part 26 lous. (Check the ap) ide description abo	Agency's July non-exempt wasto bus by I, subpart D, as propriate items): ve)
Driver/ Agent Signature		R360 Re	presentative Sig	Inature		
			But	、 、		
Customer Approval						
	THIS	S IS NOT A		E!		
Approved By:			Date:			

Received by OCD: 6/6/2023 4:06:55 <b>PR360</b> ENVIRONMENTAL SOLUTIONS Permian Basin	PMustomer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILI CRI2190 IKE TAVAREZ 22 5/15/2023 MCNABB PART MICHAEL M34	LIPS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1430426 O6UJ9A000JEC 5/15/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	<i>Page 96 of 105</i> . IPS RAL		
Facility: CRI								
Product / Service			Quantity U	nits				
Contaminated Soil (RCRA Exemp	ot)		14.00 yards					
Generator Certification Statement I hereby certify that according to the Ref 1988 regulatory determination, the above 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	t of Waste Sta esource Conserv ve described was enerated from oi e which is non-h gulations, 40 CFI n is attached to o azardous Waste	ation and Recover ste is: I and gas exploration azardous that does R 261.21-261.24 or demonstrate the ab Analysis Proc	y Act (RCRA) and on and production of s not exceed the min listed hazardous w ove-described wast cess Knowledge	the US Environ operations and a nimum standard aste as defined e is non-hazard Other (Prove	nmental Protection are not mixed with ds for waste hazard in 40 CFR, part 26 loug. (Check the ap ide description abo	Agency's July non-exempt waste ous by l, subpart D, as propriate items): we)		
Driver/ Agent Signature	Tin.	R360 Re	epresentative Sig	nature	5			
<u>_10001111</u>	11	/	/					
Customer Approval				1	Mental Stars			
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Approved By:			Date:					

Received by OCD: 6/6/2023 4:06:55 I	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILL CRI2190 IKE TAVREZ 23 5/15/2023 MCNABB PART JOEL M33	.IPS NERS	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1430428 O6UJ9A000JEC 5/15/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	Page 97 of 105	
Facility: CRI							
Product / Service	Product / Service Quantity Units						
Contaminated Soil (RCRA Exempt	t)		14.00	/ards			
I hereby certify that according to the Res 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes gen RCRA Non-Exempt: Oil field waste characteristics established in RCRA regu amended. The following documentation MSDS Information _ RCRA Ha	source Conserv e described was nerated from oil e which is non-h ulations, 40 CFI n is attached to o zardous Waste	ation and Recovery ste is: and gas exploration azardous that does R 261.21-261.24 or demonstrate the abor Analysis Proc	Act (RCRA) and on and production of not exceed the min listed hazardous was ove-described wast cess Knowledge	the US Environ operations and a nimum standard aste as defined e is non-hazard Other (Provi	nmental Protection are not mixed with ls for waste hazard in 40 CFR, part 26 ous. (Check the ap ide description abo	Agency's July non-exempt waste ous by 1, subpart D, as propriate items): ove)	
Driver/ Agent Signature		R360 Re	presentative Sig	Inature			
that							
Customer Approval			(1-0)				
THIS IS NOT AN INVOICE!							
Approved By:			Date:				

Received by OCD: 6/6/2023 4:06:55 I Received by OCD: 6/6/2023 4:06:55 I Received by OCD: 6/6/2023 4:06:55 I ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCOPHILLIPS CRI2190 IKE TAVAREZ 24 5/15/2023 MCNABB PARTNER RUBEN M09	RS LLC	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1430436 O6UJ9A000JEC 5/15/2023 CONOCOPHILL 40946 35849 TEQUIZA FEDE 001 NON-DRILLING EDDY (NM)	<i>Page 98 of 105</i> Page 98 of 105
Facility: CRI						
Product / Service			Quantity Un	nits		
Contaminated Soil (RCRA Exempt	10.00 yards					
I hereby certify that according to the Res 1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes ger RCRA Non-Exempt: Oil field wastes characteristics established in RCRA regulation MSDS Information _ RCRA Ha	of Waste Sta source Conserva- e described was nerated from oil which is non-h- ulations, 40 CFF is attached to o zardous Waste	tus ation and Recovery Act te is: and gas exploration an azardous that does not & 261.21-261.24 or listed lemonstrate the above-of Analysis Process F	(RCRA) and t d production o exceed the min l hazardous wa lescribed waste Knowledge	he US Enviror operations and a timum standard aste as defined i e is non-hazard _ Other (Provi	imental Protection ire not mixed with s for waste hazardo in 40 CFR, part 26 ous. (Check the ap) de description abo	Agency's July non-exempt waste ous by l, subpart D, as propriate items): ve)
Driver/ Agent Signature		R360 Repres	sentative Sig	nature		
Customer Approval						
	THIS	S IS NOT AN	INVOIC	E!		
Approved By:			Date:			

# APPENDIX F Photographic Documentation











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:	
COG OPERATING LLC	229137	
600 W Illinois Ave	Action Number:	
Midland, TX 79701	224711	
	Action Type:	
	[C-141] Release Corrective Action (C-141)	

#### CONDITIONS

Created	Condition	Condition
Ву		Date
bhall	Closure approved. Site will need to meet all the requirements of 19.15.29.13 NMAC at time of plugging and abandonment.	6/8/2023

Page 105 of 105

Action 224711