

October 4, 2023

Brittany Hall Projects Environmental Specialist New Mexico Energy, Minerals, and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505

Re: Revised Release Characterization and Deferral Request ConocoPhillips (Heritage COG Operating LLC) On behalf of Spur Energy Partners, LLC Patton 5 Fee #002H Tank Battery Release Unit Letter D, Section 5, Township 19 South, Range 26 East **Eddy County, New Mexico** Incident ID# nAB1801851398

Ms. Hall:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (ConocoPhillips) to assess and evaluate current conditions associated a historical COG Operating LLC release that occurred at the tank battery located on the Patton 5 Fee #002H lease pad (API No. 30-015-39815). The release footprint is located in Public Land Survey System (PLSS) Unit Letter D, Section 5, Township 19 South, Range 26 East, in Eddy County, New Mexico (Site). The approximate release point occurred at coordinates 32.6943321°, -104.4119949°, as shown on Figures 1 and 2. The Site is located on private land. The Site is currently operated by Spur Energy Partners, LLC (Spur).

BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release occurred on January 7, 2018, when a 1-inch valve on the circulating pump failed "due to fluid and sand cut", resulting in the release of approximately 65 barrels (bbls) of oil. Vacuum trucks were utilized to recover approximately 58 bbls of oil during the initial response. The release occurred inside the berm and on the pad area, as shown on Figure 3. The NMOCD approved the initial C-141 on November 16, 2018, and subsequently assigned the release the Incident ID nAB1801851398. The initial C-141 form is included in Appendix A.

This incident is included in an Agreed Compliance Order-Releases (ACO-R) between COG Operating LLC (Concho) and the NMOCD signed on November 20 and 26, 2018, respectively.

SITE CHARACTERIZATION

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

There is a United States Geological Survey (USGS) water well located within 0.5-miles (800 meters) of the site. According to data from the USGS water well listed in the NMOCD Oil and Gas Map database the depth

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to groundwater is 63.5 feet below ground surface (bgs). The site characterization data are presented in Appendix B.

REGULATORY FRAMEWORK

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

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

Constituent	RRAL
Chloride	10,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

2018 INITIAL SITE ASSESSMENT

COG Operating, LLC (Concho) conducted the initial Site assessment activities on January 24, 2018. Three (3) sample trenches (T-1 through T-3) to 2 feet and 3 feet bgs were installed on the lease pad west of the berm to obtain the vertical extent of the release. Three (3) hand auger borings to 1 foot bgs (north, south, and west) were installed to determine the horizontal extent of the release.

Concho returned to the site on March 21, 2018, to conduct additional site assessment activities. Four (4) hand auger borings (AH-1 through AH-4) were installed within the tank battery berm ranging from 0.5 feet bgs to 2 feet bgs. Additional hand auger borings (North, South, East-1, East-2, and West) were installed to obtain horizontal delineation. Initial assessment sampling locations are presented in Figure 3.

A total of twenty-eight (28) soil samples were collected from the twelve (12) boreholes and three (3) trenches and sent to Xenco Laboratories in Midland, Texas and to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for chloride via EPA Method 300.0/4500, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B.

Analytical results associated with sample locations T-1, T-2, AH-1, and AH-3 exceeded the total TPH RRAL of 2,500 mg/kg as well as the GRO+DRO RRAL of 1,000 mg/kg. Analytical results from the January 2018 and March 2018 initial assessment activities are summarized in Tables 1 and 2, respectively.

Concho summarized the 2018 assessment activities in a Work Plan dated October 22, 2018. The Work Plan proposed excavation of the facility areas represented by sample locations AH-1 and AH-3 to a depth of approximately 1 to 2 feet bgs. The pad areas represented by sample locations T-1 and T-2 would be excavated to depths of 1 and 2 feet bgs, respectively. A copy of the 2018 Work Plan is available on the NMOCD online incident files.

The Work Plan was approved by NMOCD on May 2, 2023, with the following comments:

- "Composite confirmation samples representative of 600 square feet denied. OCD approved confirmation sample representative of no more than 400 square feet.
- Base and side wall samples will need to be analyzed for all the constituents of Table 1 in 19.15.29 NMAC.
- Submit a complete report though the OCD Permitting website by 8/2/2023.
- 2RP-4572 closed. Refer to incident #NAB1801851398 in all futre communication."

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JUNE 2023 ADDITIONAL SITE ASSESSMENT AND SAMPLING RESULTS

Based on the Work Plan approval, Tetra Tech conducted additional soil sampling at the Site on behalf of ConocoPhillips to assess the current soil concentration levels within the reported release footprint prior to remedial action. On June 2, 2023, Tetra Tech installed two (2) hand auger borings (AH-23-1 and AH-23-2) in the reported release extent in the areas of the former 2018 trench locations T-1 and T-2, as indicated on Figure 4. Photographic documentation from the June 2023 additional soil sampling activities is presented in Appendix D.

A total of four (4) soil samples were collected from the two borings and were sent to Cardinal Laboratories in Hobbs, New Mexico (Cardinal) to be analyzed for chloride via EPA Method 4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B. A copy of the laboratory analytical report and chain-of-custody documentation is included in Appendix E.

Analytical results from the June 2023 additional assessment activities are summarized in Table 3. All analytical results were below the applicable Site RRALs for all constituents.

RELEASE CHARACTERIZATION AND DEFERRAL REQUEST AND NMOCD REJECTION

A Release Characterization and Deferral Request report based on the results of the additional assessment was submitted to the NMOCD on July 6, 2023. The deferral request was rejected by Brittany Hall via email on July 14, 2023 for the following reasons:

- "Deferral denied. The [contamination] in AH-3 has not been vertically delineated. OCD also
 questions the "liner integrity" as the battery containment appears to be incomplete as shown in the
 pictures included in the report. There are no pictures provided that show the integrity of the liner at
 the dirt bermed wall of the containment.
- Submit a complete report through the OCD Permitting website by 10/14/2023."

A copy of the regulatory correspondence is included in Appendix C.

AUGUST 2023 ADDITIONAL SITE ASSESSMENT AND SAMPLING RESULTS

In accordance with the NMOCD directives, Tetra Tech returned to the Site to complete vertical delineation at the AH-3 location and to take additional photographs demonstrating liner integrity at the earthen bermed wall of the containment. On August 31, 2023, Tetra Tech installed one (1) hand auger boring (AH-23-3) in the same location as the previously collected AH-3, as indicated on Figure 4. While onsite, the facility liner and earthen berm were inspected and found to be intact. Photographic documentation from the August 2023 additional soil sampling activities is presented in Appendix D.

A total of two (2) soil samples were collected from the boring and sent to Cardinal to be analyzed for chloride via EPA Method 4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B. A copy of the laboratory analytical report and chain-of-custody documentation is included in Appendix E.

Analytical results from the June 2023 additional assessment activities are summarized in Table 3. All analytical results associated with AH-23-3 were below the applicable Site RRALs for all constituents.

CONCLUSION

Additional sampling and a liner inspection were conducted at the Site in August 2023 to comply with comments provided by NMOCD with the Deferral Request rejection. The analytical results associated with the additional sampling at the AH-3 location indicate that the area is no longer impacted with TPH above Site RRALs. This change is attributed to natural degradation of TPH due to the age of the release. A similar trend has been observed in the areas of T-1/AH-23-1 and T-2/AH-23-2. Additionally, photographs of the liner at the earthen bermed wall of the containment indicate that the liner and berm are intact as of August 2023.

ConocoPhillips

All previous analytical results associated with the horizontal delineation to the east, south, and west of the release area were below the applicable Site RRALs for all constituents. Both horizontal and vertical delineation of the release was achieved during the assessment sampling activities. Depth to groundwater was verified and groundwater is not present at 50 feet bgs or less. Based on contemporaneous sampling of the formerly impacted areas, the on pad remedial action approved in the Work Plan is no longer necessary.

As mentioned, the Site is currently operated by Spur and the battery is active. The approved Work Plan noted that the tanks and equipment inside the lined containment were to be removed to access the impacted soils and to repair and replace the liner. Due to maintaining the current integrity of the liner and based on the proximity to oil and gas production equipment, ConocoPhillips respectfully requests that further remediation of soils within the lined area of the facility with concentrations exceeding the Site RRAL of 1,000 mg/kg for TPH (GRO+DRO) be deferred until facility deconstruction. The area requested for deferral is indicated in Figure 4.

Remediation of the battery and final reclamation of the well pad shall take place in accordance with 19.15.29.13 NMAC once the Site is no longer being used for oil and gas operations. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the soil assessment activities for the Site, please call me at (512) 739-7874.

Sincerely,

Tetra Tech, Inc.

Samantha Abbott, P.G. Project Manager

CC:

 $Mr.\ Ike\ Tavarez,\ RMR-ConocoPhillips$

Mr. Braidy Moulder, Spur

Christian M. Llull, P.G. Program Manager

ConocoPhillips

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map

Figure 2 – Topographic Map

Figure 3 – Approximate Release Extent and Site Assessment (Concho)

Figure 4 – Additional Assessment (Tetra Tech)

Tables:

Table 1 – Summary of Analytical Results – January 2018 Soil Assessment

Table 2 – Summary of Analytical Results – March 2018 Soil Assessment

Table 3 – Summary of Analytical Results – 2023 Additional Soil Assessment

Appendices:

Appendix A – C-141 Forms

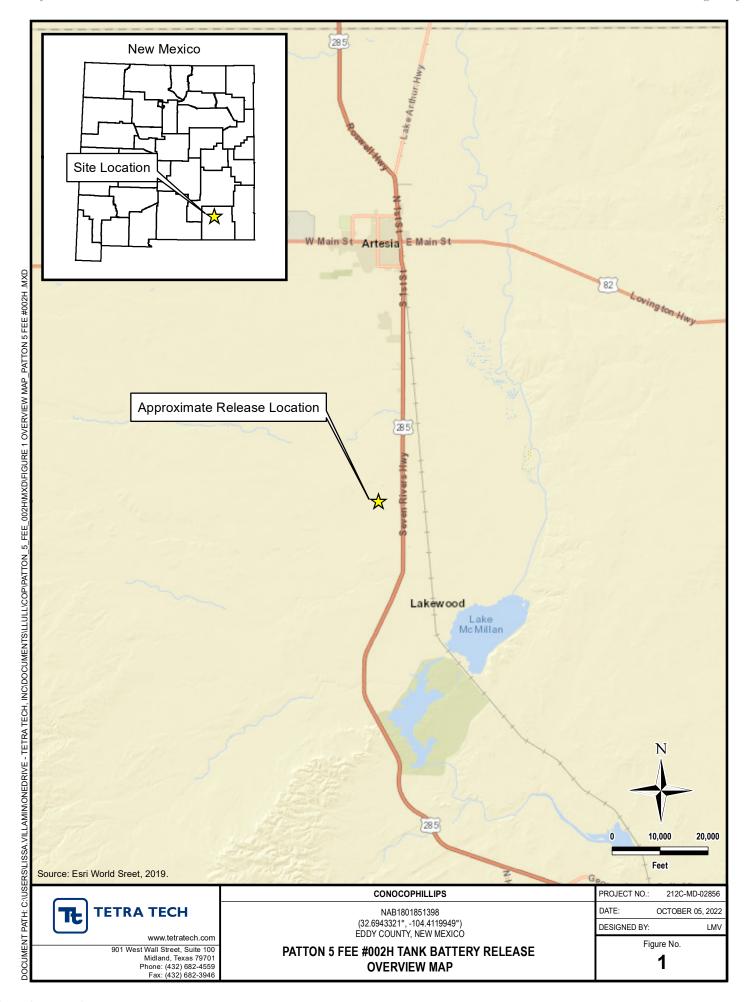
Appendix B – Site Characterization Data

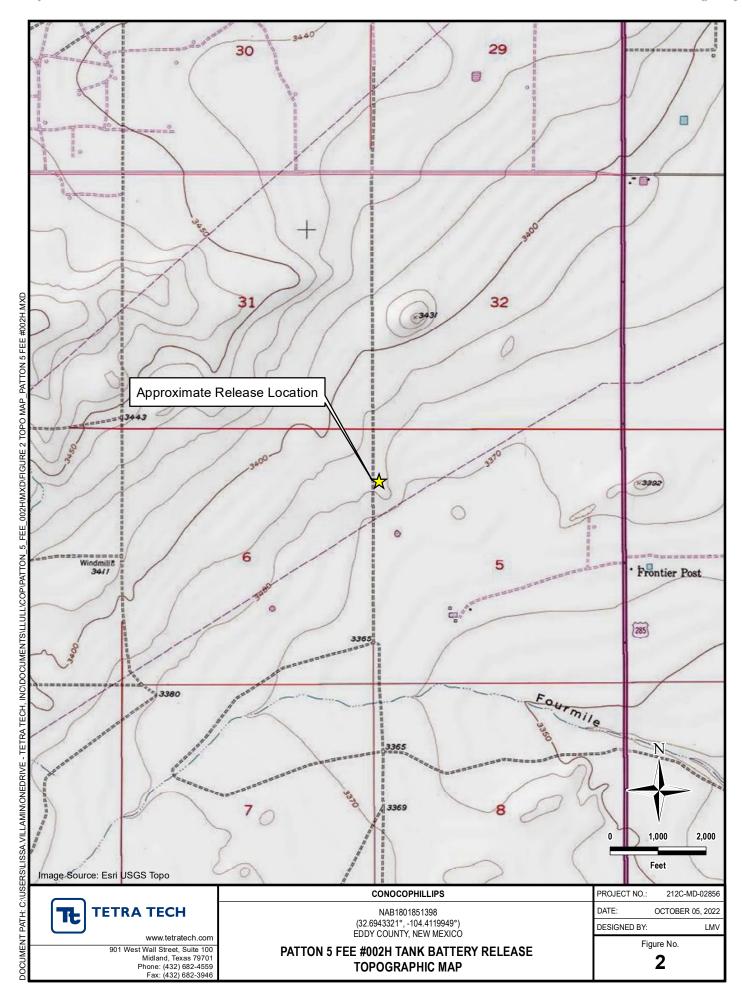
Appendix C – Regulatory Correspondence

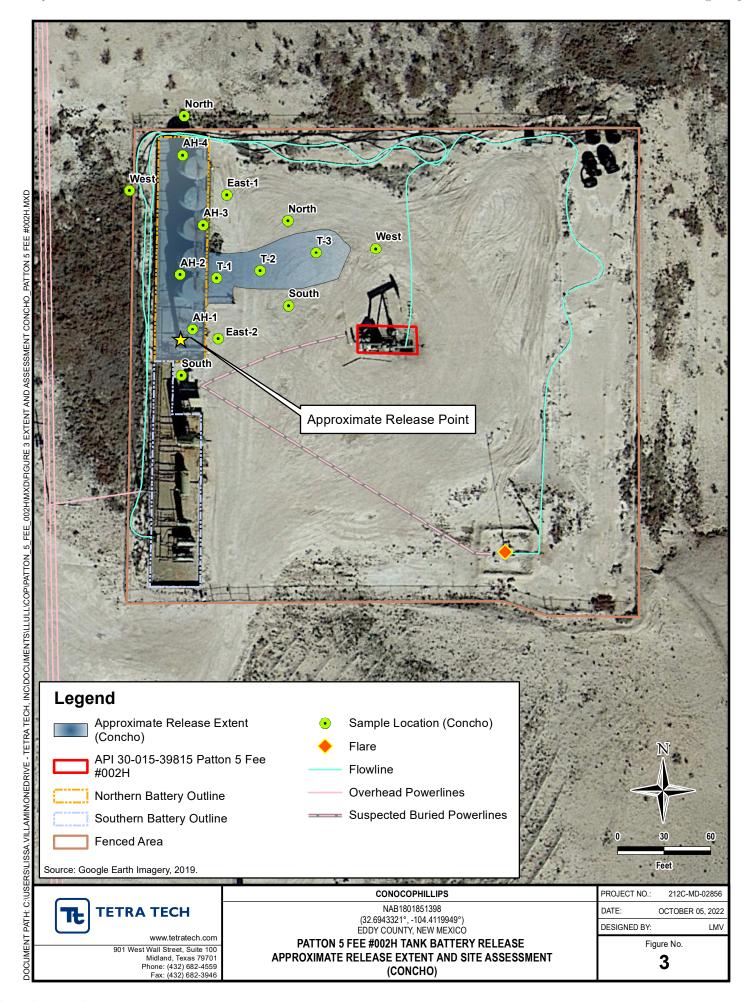
Appendix D – Photographic Documentation

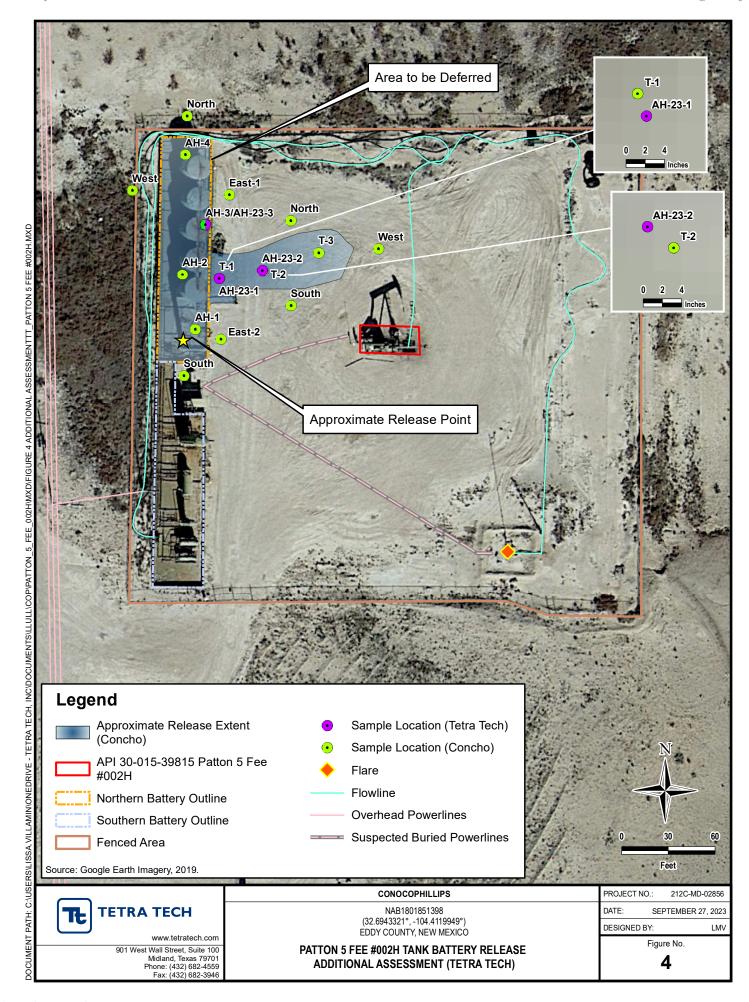
Appendix E – Laboratory Analytical Data

FIGURES









TABLES

Received by OCD: 10/4/2023 3:31:53 PM

TABLE 1

SUMMARY OF ANALYTICAL RESULTS

JANUARY 2018 SOIL ASSESSMENT - 2RP-4572 / nAB1801851398

CONOCOPHILLIPS

PATTON 5 FEE #002H TANK BATTERY RELEASE EDDY COUNTY, NM

		County Double	au1							BTEX ²												TPH ³				
Sample ID Sample Date		Sample Depth	Chloride ¹		Benzene		Toluene		Ethylbenzene	m,p-Xylenes		o-Xylene		Total Xylene	s	Total BTEX		GRO		DRO		ORO		GRO+DRO	Total TPH	
		ft. bgs	mg/kg	Q	mg/kg	Q i	mg/kg	Q	mg/kg Q	mg/kg	Q n	ng/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q
		0	92.1		8.10		80.9		71.9	93.2		36.6		130		291		1,300		2530		299		3830	4130	T
T-1	1/24/2018	1	NA		< 0.0100	<	0.0100		< 0.0100	< 0.0200	< (0.0100		< 0.0100		< 0.0100		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	
		2	NA		< 0.0100	<	0.0100		< 0.0100	< 0.0200	< (0.0100		< 0.0100		< 0.0100		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	
		0	NA		< 0.00200	< (0.00200		< 0.00200	< 0.00399	0.	.00324		0.00324		0.00324		40.3		2350		499		2390	2890	T
T-2	1/24/2010	1	NA		< 0.00200	< (0.00200		< 0.00200	< 0.00401	< 0	0.00200		< 0.00200		< 0.00200		< 14.9		< 14.9		< 14.9		< 14.9	< 14.9	
1-2	1/24/2018	2	NA		< 0.00200	< (0.00200		< 0.00200	< 0.00401	< 0	0.00200		< 0.00200		< 0.00200		< 14.9		< 14.9		< 14.9		< 14.9	< 14.9	T
		3	120		< 0.0100	<	0.0100		< 0.0100	< 0.0200	< (0.0100		< 0.0100		< 0.0100		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	
		0	3,990		< 0.00200	< (0.00200		< 0.00200	< 0.00399	< 0	0.00200		< 0.00200		< 0.00200		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	T
T-3	1/24/2018	1	465		< 0.00201	< (0.00201		< 0.00201	< 0.00402	< 0	0.00201		< 0.00201		< 0.00201		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	T
1-5	1/24/2016	2	NA		< 0.00200	< (0.00200		< 0.00200	< 0.00401	< 0	0.00200		< 0.00200		< 0.00200		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	
		3	NA		< 0.00199	< (0.00199		< 0.00199	< 0.00398	< 0	0.00199		< 0.00199		< 0.00199		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	
NORTH	1/24/2018	0.5	7.79		< 0.00199	< (0.00199		< 0.00199	< 0.00398	< 0	0.00199		< 0.00199		< 0.00199		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	L
SOUTH	1/24/2018	0.5	366		< 0.00201	< (0.00201		< 0.00201	< 0.00402	< 0	0.00201		< 0.00201		< 0.00201		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	
WEST	1/24/2018	0.5	206		< 0.00200	< (0.00200		< 0.00200	< 0.00399	< 0	0.00200		< 0.00200		< 0.00200		< 15.0		< 15.0		< 15.0		< 15.0	< 15.0	

NOTES:

ft. Feet

Bold and italicized values indicate exceedance of proposed Site RRALs.

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons GRO Gasoline range organics

DRO Diesel range organics

ORO Oil range organics

NA Sample not analyzed for parameter

1 Method 300.0

2 Method 8021B

3 Method SW8015 Mod

TABLE 2

SUMMARY OF ANALYTICAL RESULTS

MARCH 2018 SOIL ASSESSMENT - 2RP-4572 / nAB1801851398

CONOCOPHILLIPS

PATTON 5 FEE #002H TANK BATTERY RELEASE

EDDY COUNTY, NM

									BTEX ²						TPH ³							
Sample ID	Sample Date	Sample Depth	Chloride	1	Benzene		Toluene		Ethylbenze	no.	Total Xyler		Total BTE	,	GRO		DRO		EXT DRO		GRO+DRO	Total TPH
Sumple 15					benzene		Toluelle		Ethylbelize	ille	Total Aylei	ies	TOTAL	^	C ₆ - C ₁₀		> C ₁₀ - C ₂	8	> C ₂₈ - C ₃	6	GKO+DKO	(GRO+DRO+EXT DRO)
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg
		0	15.2		< 0.050		0.628		0.381		2.05		3.06		18.1		182		33.2		200.1	233
AH-1	3/20/2018	1	NA		19.4		117		70.6		119		325		941		2,780		397		3721	4,118
		1.6	NA		0.241		2.99		1.65		6.88		11.8		68.8		682		130		750.8	881
AH-2	3/20/2018	0	440		0.086		0.215		0.068		< 0.150		0.369		< 10.0		< 10.0		10.1		< 10.0	10.1
AH-3	3/20/2018	0	62.7		0.068		3.69		4.42		18.2		26.4		271		2720		472		2991	3,463
All-3	3/20/2018	0.5	NA		< 0.050		0.079		< 0.050		5.57		5.65		114		1410		265		1524	1,789
		0	41.9		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		14.6		< 10.0	14.6
AH-4	3/20/2018	1	NA		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		< 10.0	-
		2	NA		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		< 10.0	-
NORTH	3/20/2018	0	225		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		< 10.0	-
EAST-1	3/20/2018	0	152		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		139		14.7		139	154
EAST-2	3/20/2018	0	138		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		53.6		< 10.0		53.6	53.6
SOUTH	3/20/2018	0	468		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		< 10.0	-
WEST	3/20/2018	0	12.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		< 10.0	-

NOTES:

ft. Feet

Bold and italicized values indicate exceedance of proposed RRALs.

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

NA Sample not analyzed for parameter

1 Method 300.0

2 Method 8021

3 Method 8015B

TABLE 3

SUMMARY OF ANALYTICAL RESULTS 2023 SOIL ASSESSMENT- nAB1801851398

CONOCOPHILLIPS

PATTON 5 FEE #002H TB RELEASE

EDDY COUNTY, NM

			Field Sci	reening	Chloride ¹		BTEX ²										TPH ³						
Sample ID	Sample Date	Sample Depth	Resi	ults			Benzene		Toluer		Ethylbenz	ono	Total Xyle	onos	Total P	Total BTEX			DRO		EXT DR	0	Total TPH
Sample 10 Sample Date			Chloride	PID			Benzene		Toluei	roluciic		2, wenter		rotal Aylenes		TOTAL BIEN		10	> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)
		ft. bgs	рр	m	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
AH-23-1	6/2/2023	0-1	-	5.5	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		141		30.1		171.1
A11-23-1	0/2/2023	1-2	-	7.7	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		27.8		<10.0		27.8
AH-23-2	6/2/2023	0-1	-	4.8	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		13.0		<10.0		13.0
A11-23-2	0/2/2023	1-2	-	2.1	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-23-3	8/31/2023	0-1	-	-	528		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
A11-23-3	0/31/2023	1-2	-	-	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-

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

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

Method SM4500Cl-B
 Method 8021B

3 Method 8015M

APPENDIX A C-141 Forms

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

State of New Mexico ARTESIA DISTRICT **Energy Minerals and Natural Resources**

JAN 1 2 2018

Form C-141 Revised April 3, 2017

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

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

Release Notification and Corrective Action														
						OPERA	ГOR			al Report		Final Report		
				C (OGRID# 229	137)	Contact: Ro	bert McNeill							
				nd TX 79701			No.: 432-683-7 4							
Facility Nai	me: Pattor	5 Fee #002	H]]	Facility Type: Tank Battery								
Surface Ow	ner: Fee			Mineral C	wner: l	rivate			API No.: 30-015-39815					
				LOCA	TION	OF RE	LEASE							
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/\	Vest Line	County				
D	5	19S	26E	1040	1	North	330		West		Edd	у		
Latitude: 32.6943321 Longitude: -104.4119949 NAD83														
	NATURE OF RELEASE													
Type of Rele	ase: Oil					Volume of 65bbls	Release:		Volume I 58bbls	Recovered:				
Source of Re	lease: Valve	2				Date and I	lour of Occurrence	ce:	Date and	Hour of Dis	covery	:		
Was Immedi	ate Notice (liven?	-			1/7/2018	Whom?		1/7/2018	11:30am				
was mineur	aic rollec c	equired	If YES, To Whom? Crystal Weaver-NMOCD											
By Whom? S						Date and Hour: 1/7/2018 1:50pm								
Was a Water	course Reac		5	3		If YES, Volume Impacting the Watercourse.								
			Yes 🗵	J No										
If a Watercon	urse was Im	pacted, Descr	ibe Fully.'	*										
Describe Cau	ise of Proble	em and Reme	dial Actio	n Taken.*							-			
A 1-inch val	ve on circul	atina numn fa	ilad dua ta	fluid and sand cu	ıt Thou	alva was ran	lanad					1		
		and Cleanup A			it. The v	aive was iep	iaceu.							
				truck was utilized mediation work p										
				is true and comp										
regulations a	ll operators	are required to	o report ar	nd/or file certain r	elease no	otifications a	nd perform correc	ctive act	ions for rel	eases which	may e	ndanger		
				ce of a C-141 repo										
				investigate and retained of a C-141										
		ws and/or regu		nance of a C-141	report de	bes not renev	e the operator of	respons	ionity for c	omphance v	viui ang	y onlei		
	·						OIL CON	SERV	ATION	DIVISIO	<u>N</u>			
	91 19	. ^	,									,		
Signature: 🗸	ghelou	on flita	m			Annroyed by	Environmental S	nacialic	. 🗘	$A(\cdot)$	1			
Printed Name	e: Sheldon I	Hitchcock		'	Approved by Environmental Specialist:									
	**					4 15	1 1/4/14	2		1 4114	<u> </u>			
Title: HSE C	oordinator				Approval Date:									
E-mail Addre	ess: slhitchc	ock@concho.	com		Conditions of Approval:									
Date: 1/12/2	018		Pho	one: 575-746-2010)	SU	attal	W.	200-4512					

* Attach Additional Sheets If Necessary

111U18AB

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

Responsible Party COG Operating LLC

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	1RP-4572
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID

Comaci Nan	ne Robert M	cNeill			Contact Telephone 432-683-7443							
Contact ema	il rmcneill@	concho.com			Incident #	(assigned by OCD)						
Contact mail 79701	ing address	600 West Illinois	Avenue, Midlan	d, TX								
			Locatio	n of R	Release S	ource						
Latitude 32.6	5943321		(NAD 83 in c	decimal de	Longitude	-104.4119949 mal places)						
Site Name F	Patton 5 Fee	2H			Site Type	Tank Battery						
Date Release	Discovered	1/7/2018			API# (if ap	pplicable) 30-025-40352						
Unit Letter	Section	Township	Range		Cou	nty						
D	5	19S	26E	Edd								
Crude Oi	Materia l	Volume Released		ch calculat	tions or specific	Volume Recovered (bbls) 58						
	Materia			ch calculat	tions or specifi							
Produced		Volume Release				Volume Recovered (bbls) Volume Recovered (bbls)						
Troduced	· vv ater		tion of dissolved	l chloride	e in the	Yes □ No						
		produced water	>10,000 mg/l?									
Condensa	ate	Volume Release	ed (bbls)			1-1						
						Volume Recovered (bbls)						
		Volume Release	ed (Mcf)			Volume Recovered (Mcf)						
				ide units))	` ′						

Received by OCD: 10/4/2023 3:31:53 PM State of New Mexico Page 2 Oil Conservation Division

77.7			
11/2000	an I	Mar Da	#1 N V
PRa	201	0.0	11 27 5

Incident ID	
District RP	2RP 4572
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	Over 25 bbls released
⊠ Yes □ No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 1/7/18 at 11:30
am: Dakota Hitchcock - COC	
Crystal Weaver - NMO	
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ase has been stopped.
The impacted area ha	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why:
Per 10 15 20 8 R (4) NM	AC the responsible party may commence remediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and
	required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
and/or regulations.	1 1 1 report does not reneve the operator of responsionity for compinate with any other redetal, state, or rocal taws
Printed Name:Ike Ta	varez Title: Senior HSE Supervisor
Signature:	Date:10/24/18
email: itavarez@concho.c	<u>rom</u> Telephone: 432 <u>-683-7443</u>
OCD Only	
Received by:	Date:

PRagel 196fl 57

Incident ID	
District RP	2RP 4572
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>50'-100</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas not on an exploration, development, production, or storage site?	⊠ Yes □ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical extents of soil
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 well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 	ls.

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: 10/4/2023 3:31:53 PM State of New Mexico Page 4 Oil Conservation Division

PRag	el 2	(bøj	£ 57	

Incident ID	
District RP	2RP 4572
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Printed Name: <u>Ike Tavarez</u>	Title: Senior HSE Superviser				
Signature: 0475	10/24/18				
email: <u>itavarez@concho.com</u>	Telephone: 432 <u>-683-7443</u>				
OCD Only					
Received by:	Date:				

PRagel 2106fl 57

Incident ID
District RP 2RP 4572
Facility ID
Application ID

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
<u>Deferral Requests Only</u> : Each of the following items must be confirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Ike Tavarez</u> Title: <u>Senior HSE Superviser</u>
Signature: Date:
email: i <u>tavarez@concho.com</u> Telephone: 432-683-7443
OCD Only
Received by: Date:
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved
Signature: Date: 5/2/2023

Page 22 of 57

Incident ID	nab1801851398
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e included in the plan.
☐ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation point ☐ Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15.29. ☐ Proposed schedule for remediation (note if remediation plan times)	2(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con	stivmed as new of any vocasest for deferred of remediation
Deterral Requests Only: Each of the following tiems must be con-	ijirmea as pari oj any requesi jor aejerrai oj remeatation.
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
✓ Extents of contamination must be fully delineated.	
✓ Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name· Ike Tavarez	Title: Program Manager, Remediation
Signature: ATS	Date: 7/6/2023
email: Ike.Tavarez@conocophillips.com	Telephone: 432-685-2573
OCD Only	
OCD OILLY	
Received by: Shelly Wells	Date: <u>7/7/2023</u>
Approved	Approval ☐ Deferral Approved
Signature: Hall	Date: 7/14/2023

Received by OCD: 10/4/2023 3:31:53 PM Form C-141 State of New Mexico Page 5 Oil Conservation Division

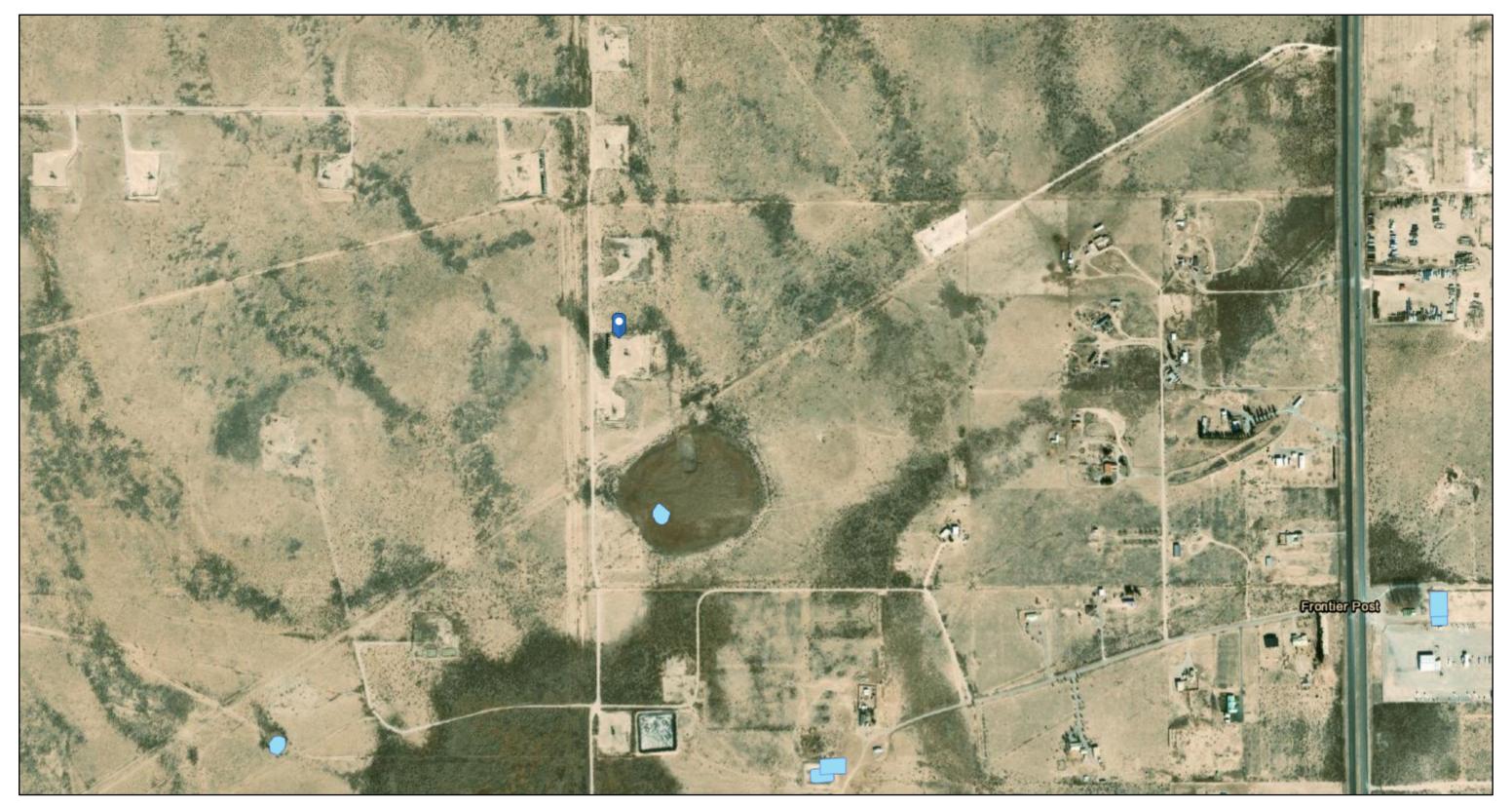
	Page 23 of	<i>57</i>
Incident ID		
District RP		
Facility ID		
Amplication ID		

Remediation Plan

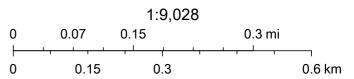
Remediation Plan Checklist: Each of the following items must be	e included in the plan.
☐ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation point ☐ Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15.29. ☐ Proposed schedule for remediation (note if remediation plan times)	12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by: Shelly Wells	Date: 10/5/2023
☐ Approved ☐ Approved with Attached Conditions of	Approval Denied X Deferral Approved with conditions
Signature: Shelly Wells	<u>Date: 11/21/2023</u>

APPENDIX B Site Characterization Data

OCD Waterbodies Map

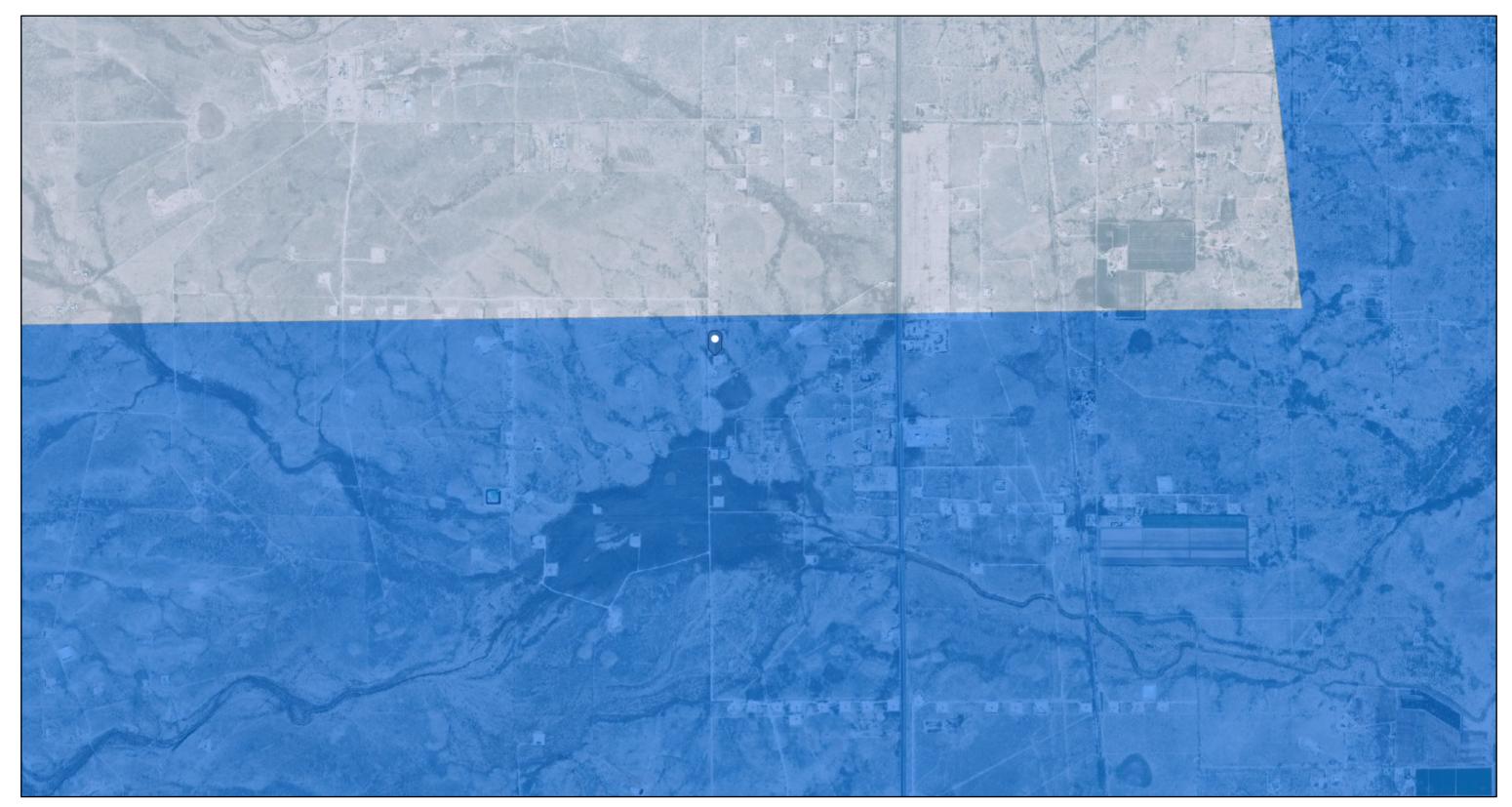


9/26/2022, 11:58:01 AM OSW Water Bodys



Esri, HERE, Garmin, GeoTechnologies, Inc., Maxar, NM

OCD Potential Karst Map



9/26/2022, 11:55:55 AM

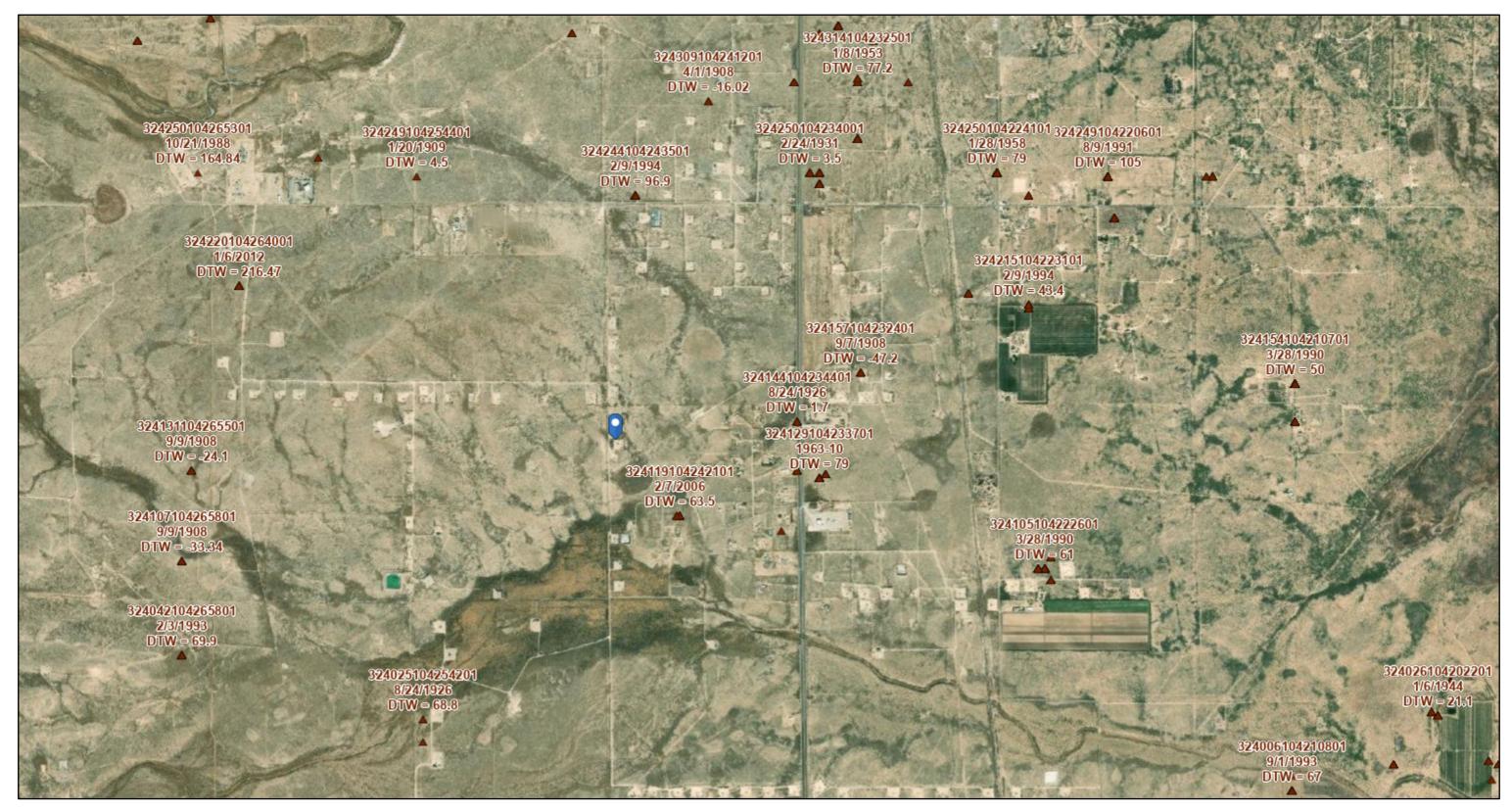
Karst Occurrence Potential

Medium

Low

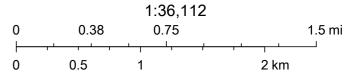
BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Maxar

USGS Groundwater Wells



6/8/2023, 10:57:08 AM

USGS Historical GW Wells



Esri, HERE, Garmin, USGS, Maxar



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

	POD Sub-		0	Q	^							Donth	Depth	Water
POD Number	Code basin	County		-	-	Sec	Tws	Rng	х	Υ	Distance	-	•	Column
RA 07066	RA	ED	3	4	1	05	19S	26E	555561	3617166* 🌕	589	202	100	102
RA 07066 POD2	RA	ED	4	4	1	05	19S	26E	555761	3617166* 🌕	751	150		
RA 08098	RA	ED	3	1	2	05	19S	26E	555959	3617571* 🌍	841	215	100	115
RA 08315	RA	ED	3	1	2	05	198	26E	555959	3617571* 🌍	841	195	100	95
RA 07954	RA	ED	3	2	3	05	198	26E	555566	3616763* 🌕	909	290	175	115
RA 07260	RA	ED		1	2	05	19S	26E	556060	3617672* 🌍	949	198	100	98
RA 11633 POD1	RA	ED	2	1	2	05	19S	26E	556059	3617756 🌍	962	180	130	50
RA 07165	RA	ED		3	2	05	19S	26E	556065	3617269* 🌍	988	193	110	83
RA 07508	RA	ED		3	2	05	19S	26E	556065	3617269* 🌍	988	185	150	35
RA 10133	RA	ED		3	2	05	198	26E	556065	3617269* 🌍	988	177	138	39

Average Depth to Water: 122 feet

DEPTH TO WATER

Minimum Depth: 100 feet

Maximum Depth: 175 feet

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 555118 **Northing (Y):** 3617554.18 **Radius:** 1000

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

^{*}UTM location was derived from PLSS - see Help

APPENDIX C Regulatory Correspondence

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 205965

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	205965
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
bhall	Composite confirmation samples representative of 600 square feet denied. OCD approved confirmation sample representative of no more than 400 square feet.	5/2/2023
bhall	Base and side wall samples will need to be analyzed for all the constituents of Table 1 in 19.15.29 NMAC.	5/2/2023
bhall	Submit a complete report though the OCD Permitting website by 8/2/2023.	5/2/2023
bhall	2RP-4572 closed. Refer to incident #NAB1801851398 in all futre communication.	5/2/2023

From: OCDOnline@state.nm.us

To: <u>Llull, Christian</u>

Date: Friday, July 14, 2023 12:27:20 PM

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

To whom it may concern (c/o Christian Llull for COG OPERATING LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAB1801851398, for the following reasons:

- Deferral denied. The contmaination in AH-3 has not been vertically delineated.
 OCD also questions the "liner integrity" as the battery containment appears to be
 incomplete as shown in the pictures included in the report. There are no pictures
 provided that show the integrity of the liner at the dirt bermed wall of the
 containment.
- Submit a complete report through the OCD Permitting website by 10/14/2023.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 236928.

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

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

Thank you, 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

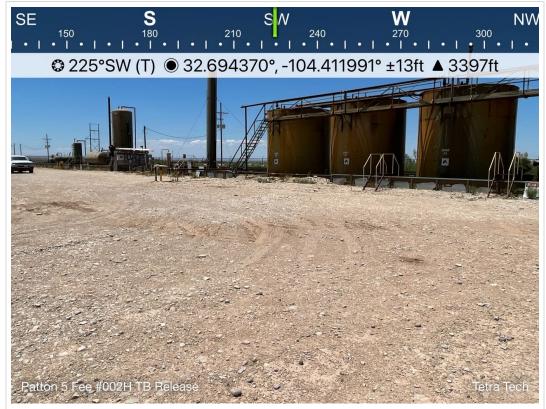
APPENDIX D Photographic Documentation



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View of Site Signage.	1
212C-MD-02856	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02856	DESCRIPTION	View northwest. View of production equipment and historical release area.	2
	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



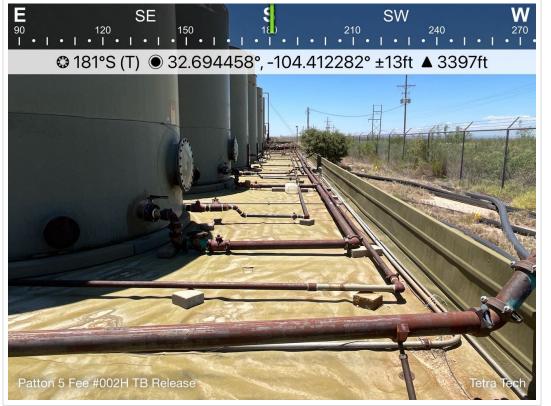
TETRA TECH, INC. PROJECT NO. 212C-MD-02856	DESCRIPTION	View southwest. View of historic release area and production equipment.	3
	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02856	DESCRIPTION	View north. View of historic release area. View of production equipment.	4
	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02856	DESCRIPTION	View southeast. View of current pad conditions and historical release area.	5
	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02856	DESCRIPTION	View south. View of inside the tank battery of historic release area. Liner present and intact.	6
	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02856	DESCRIPTION	View east. View of inside the tank battery. Liner present and intact.	7
	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02856	DESCRIPTION	View southeast. View of production equipment. Liner present and intact.	8
	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northeast. View of intact liner. Production equipment present.	9
212C-MD-02856	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View southeast. View of production equipment. Liner present and intact.	10
212C-MD-02856	SITE NAME	Patton 5 Fee #002H TB Release	7/3/2023



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View west. View dirt bermed wall of tank battery.	11
212C-MD-02856	SITE NAME	Patton 5 Fee #002H TB Release	8/31/2023



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View west. View dirt bermed wall of tank battery.	12
212C-MD-02856	SITE NAME	Patton 5 Fee #002H TB Release	8/31/2023



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View southwest. View dirt bermed wall of tank battery.	13
212C-MD-02856	SITE NAME	Patton 5 Fee #002H TB Release	8/31/2023

APPENDIX E Laboratory Analytical Data



June 07, 2023

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

RE: PATTON 5 FEE #002H TB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/02/23 11:55.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 06/02/2023 Sampling Date: 06/02/2023

Reported: 06/07/2023 Sampling Type: Soil

Project Name: PATTON 5 FEE #002H TB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02856 Sample Received By: Tamara Oldaker

Project Location: COP - EDDY CO NM

Sample ID: AH - 23 - 1 (0-1') (H232795-01)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2023	ND	2.19	109	2.00	4.37	
Toluene*	<0.050	0.050	06/02/2023	ND	2.26	113	2.00	6.78	
Ethylbenzene*	<0.050	0.050	06/02/2023	ND	2.49	124	2.00	1.28	
Total Xylenes*	<0.150	0.150	06/02/2023	ND	7.45	124	6.00	1.63	
Total BTEX	<0.300	0.300	06/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/02/2023	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	06/02/2023	ND	180	90.1	200	2.71	
DRO >C10-C28*	141	10.0	06/02/2023	ND	171	85.4	200	3.35	
EXT DRO >C28-C36	30.1	10.0	06/02/2023	ND					
Surrogate: 1-Chlorooctane	97.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 06/02/2023 Sampling Date: 06/02/2023

Reported: 06/07/2023 Sampling Type: Soil

Project Name: PATTON 5 FEE #002H TB RELEASE Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 212C-MD-02856 Sample Received By:

Project Location: COP - EDDY CO NM

Sample ID: AH - 23 - 2 (0-1') (H232795-02)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2023	ND	2.19	109	2.00	4.37	
Toluene*	<0.050	0.050	06/02/2023	ND	2.26	113	2.00	6.78	
Ethylbenzene*	<0.050	0.050	06/02/2023	ND	2.49	124	2.00	1.28	
Total Xylenes*	<0.150	0.150	06/02/2023	ND	7.45	124	6.00	1.63	
Total BTEX	<0.300	0.300	06/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/02/2023	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	06/02/2023	ND	180	90.1	200	2.71	
DRO >C10-C28*	13.0	10.0	06/02/2023	ND	171	85.4	200	3.35	
EXT DRO >C28-C36	<10.0	10.0	06/02/2023	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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

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Celeg D. Freene

FORM-006 R 3,2 10/07/21

Relinquished By: Colton Bickerstaff

Relinquished By:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C Corrected Temp. °C

No No

CHECKED BY: (Initials)

Rush: NIA, Standard TAT hermometer ID #113 orrection Factor -0.5°C

Cool Intact

☐ Yes☐ Yes☐ No Corrected Temp. "C

| Verbal Result: □ Yes □ No | Add'l Phone #: | All Results are emailed. Please provide Email address: Christian.Llull@tetratech.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Sample I.D. Sampl	lame: Tetra Tech langer: Christian Llull 311 Capital o Texas Hwy, Suite 2310 State: TX (512)565-0190 Fax #: 212C-MD-02856 Project Owner: ne: Patton 5 Fee #002H TB Release ation: Eddy County, New Mexico ime: Colton Bickerstaff	Zip: ConocoPhillips MATRIX	P.O. #: Company: Tetra Te Attn: Christian Llull Address: EMAIL City: State: Zip: Phone #: Fax #: PRESERV.	Ch Ch		<u> </u>		14500CI-B	14500CI-B	14500CI-B	14500CI-B	
Sample I.D. Sample I.D. Sample I.D. G (G)RAB OR (C)OMP. 1 1 # CONTAINERS GROUNDWATER WASTEWATER X SOIL OIL SLUDGE OTHER: ACID/BASE: ACID/B	ect Location: Eddy County, New Mexico pler Name: Colton Bickerstaff		#									
	Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL DIL	OTHER: ACID/BASE: CE / COOL OTHER:	TE	ME.	TPH 8015M	ME.	TPH 8015M BTEX 8021B				
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Page 5 of 5



June 07, 2023

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

RE: PATTON 5 FEE #002H TB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/02/23 11:55.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 06/02/2023 Sampling Date: 06/02/2023

Reported: 06/07/2023 Sampling Type: Soil

Project Name: PATTON 5 FEE #002H TB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02856 Sample Received By: Tamara Oldaker

A .. . l. d D. .. MC

Project Location: COP - EDDY CO NM

Sample ID: AH - 23 - 1 (1'-2') (H232796-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2023	ND	2.19	109	2.00	4.37	
Toluene*	<0.050	0.050	06/02/2023	ND	2.26	113	2.00	6.78	
Ethylbenzene*	<0.050	0.050	06/02/2023	ND	2.49	124	2.00	1.28	
Total Xylenes*	<0.150	0.150	06/02/2023	ND	7.45	124	6.00	1.63	
Total BTEX	<0.300	0.300	06/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-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	06/02/2023	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	06/02/2023	ND	180	90.1	200	2.71	
DRO >C10-C28*	27.8	10.0	06/02/2023	ND	171	85.4	200	3.35	
EXT DRO >C28-C36	<10.0	10.0	06/02/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 06/02/2023 Sampling Date: 06/02/2023

Reported: 06/07/2023 Sampling Type: Soil

Project Name: PATTON 5 FEE #002H TB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02856 Sample Received By: Tamara Oldaker

Project Location: COP - EDDY CO NM

Sample ID: AH - 23 - 2 (1'-2') (H232796-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2023	ND	2.14	107	2.00	2.44	
Toluene*	<0.050	0.050	06/02/2023	ND	2.20	110	2.00	2.44	
Ethylbenzene*	<0.050	0.050	06/02/2023	ND	2.07	104	2.00	2.98	
Total Xylenes*	<0.150	0.150	06/02/2023	ND	6.42	107	6.00	3.14	
Total BTEX	<0.300	0.300	06/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/02/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2023	ND	180	90.1	200	2.71	
DRO >C10-C28*	<10.0	10.0	06/02/2023	ND	171	85.4	200	3.35	
EXT DRO >C28-C36	<10.0	10.0	06/02/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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

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Celey D. Keene



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech Project Manager: Christian Llull Address: 8911 Capital o Texas Hw City: Austin Phone #: (512)565-0190 Project #: 212C-MD-02856 Project Name: Patton 5 Fee #002H Project Location: Eddy County, N Sampler Name: Colton Bickerstaff FORLABUSE ONLY Lab I.D. Sam	lwy, Suite 2310 State: Fax #: 66 Project Owner: 2H TB Release New Mexico aff	GONTAINERS GROUNDWATER WASTEWATER GROUNDWATER WASTEWATER	OTHER: ACID/BASE: PRESSER PRESSER City: City: Fax #: Fax #: Fax #: CITY: PRESSER PRESSER	Tetra Tech Tetra Tech Tetra Tech Tetra Tech Sampling V. Sampling DATE TIME 622003	× TPH 8015M	× BTEX 8021B × Chloride SM4500CI-B
ab I.D.	Sample I.D.	CONTAINERS ROUNDWATER WASTEWATER	THER:		TPH 8015M	
2-1	AH-23-1 (1'-2') AH-23-2 (1'-2')	G 1 X	××	6/2/2023	××	\vdash
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7					~	\perp
Relinquished By:	Relinquished By: Colton Bickerstaff Date: 6/2/23	Received By:	A MARINA	Vierbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Besults are emailed. Please provide Email address: Christian.Lluli@tetratech.com	are e	□ Ye mailed
Relinquished By:	Date:	Received By:		REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	e One) Observed Temp. *C is - Other: Corrected Temp. *C	723	Sample Con Lition CHECKED BY: Cool Mact (Initials) No No No	ED BY: Tunaround Time: Standard IAT Rush: NA, Standard IAT Thermometer ID #113 Correction Factor -0.5°C	andard er ID actor	Standard #113 -0.5°C
FORM-006	FORM-006 R 3.2 10/07/21	♣ Cardinal cannot accept verbal changes. Please email changes to celev.keene@cardinallabsnm.com	chainnes Dipase	email changes to ce	ev.kee	nea



September 06, 2023

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

RE: PATTON 5 FEE #002H TB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/31/23 17:10.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH SAM ABBOTT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 08/31/2023 Sampling Date: 08/31/2023

Reported: 09/06/2023 Sampling Type: Soil

Project Name: PATTON 5 FEE #002H TB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02856 Sample Received By: Tamara Oldaker

A I J 711

Project Location: COP - EDDY CO NM

Sample ID: AH-23-3 (0-1') (H234757-01)

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	09/01/2023	ND	1.98	98.8	2.00	0.316	
Toluene*	<0.050	0.050	09/01/2023	ND	2.34	117	2.00	0.840	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.38	119	2.00	0.724	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	7.12	119	6.00	0.577	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/01/2023	ND	432	108	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	09/02/2023	ND	195	97.6	200	3.72	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	196	97.9	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					
Surrogate: 1-Chlorooctane	72.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.4	% 49.1-14	8						

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Celeg D. Keene



Analytical Results For:

TETRA TECH SAM ABBOTT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 08/31/2023 Sampling Date: 08/31/2023

Reported: 09/06/2023 Sampling Type: Soil

Project Name: PATTON 5 FEE #002H TB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02856 Sample Received By: Tamara Oldaker

Project Location: COP - EDDY CO NM

Sample ID: AH-23-3 (1-2') (H234757-02)

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	09/01/2023	ND	1.98	98.8	2.00	0.316		
Toluene*	<0.050	0.050	09/01/2023	ND	2.34	117	2.00	0.840		
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.38	119	2.00	0.724		
Total Xylenes*	<0.150	0.150	09/01/2023	ND	7.12	119	6.00	0.577		
Total BTEX	<0.300	0.300	09/01/2023	ND						
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4							
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/01/2023	ND	432	108	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	09/02/2023	ND	195	97.6	200	3.72		
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	196	97.9	200	1.07		
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND						
Surrogate: 1-Chlorooctane	67.5	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	70.2	% 49.1-14	8							

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	Reli	Reli	affliat	PLEAS	Т	Т	T	Т	Τ			Γ	Τ	-	£ 5	- 70X	Sal	Pro	Pro	Pro	Ph	Cit	Ad	Pro	င္၀	1
	Man Relinquished By:	Relinquished By: Ivan Ramos	In the vent a war current or acceptance consequented carrages, including without immation, business interruptions, lasts of use, or last of points incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such clim is based upon any of the above stated reasons or otherwise.	PLEASE NOTE: Liability and Damages.										1110	95.175.	OK LAB USE ONLY	Sampler Name: Ivan Ramos	Project Location: Eddy County, New Mexico	Project Name: Patton 5 Fee #002H TB Release	Project #:	Phone #:	City: Austin	Address: 8911 Capital o Texas Hwy, Suite 2310	Project Manager: Sam Abbott	Company Name: Tetra Tech	
	Ä	y: Ivan F	sing out of or	d Damages, Ca	$^{+}$	$^{+}$	†	+	t		3 AH-	C AH-	AH-		7	_	: Ivan Ra	n: Eddy	Patton 5	2120	(512)		Capital	er: Sam	e: Tetra	
		Ramos	related to the	erdinal's liability							AH-23-3 (2-3")	AH-23-3 (1-2')	AH-23-3 (0-1)	3	Sar		somi	County	Fee #00	212C-MD-02856	(512)565-0190		o Texas	Abbott	Tech	101 (5)
	d		performance o	and client's ex							ین	2')	ij	5	Sample I.D.			, New Me)2H TB R				Hwy, Su			East Ma 75) 393-
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Time:	Time: 7/	Date: 6/29/23	ng without ame under by Card	or any claim an)wner:		XT				lobbs, I XX (575)
	õ	Ü	inal, regardles	Cardinal's liability and client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the an	\downarrow	+	1	Ļ	L		G	G	G	. (0	G)RAB OR (C)OMP.							Zip: 78750				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
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1	2	1	daries, or otherwise.	analyses. All claims						7	8/31/2023	8/31/2023	8/31/2023	5	DATE	SAMPLING			Zip:			ott	Company: Tetra Tech		BILL TO	
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Cool Intact

Yes Yes

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 272592

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	272592
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	Area under tank battery represented in Figure 3 is approved for deferral. Entire area under liner will need to be investigated at time of a major facility deconstruction or at plugging and abandonment, whichever comes first. The bermed wall and liner should be repaired and maintained in a manner that ensures integrity.	11/21/2023