



April 19, 2024

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

**Re: Closure Report
ConocoPhillips Company (Heritage COG Operating, LLC)
King Tut Federal #001H Flowline Release
Unit Letter D, Section 30, Township 24 South, Range 32 East
Lea County, New Mexico
Incident ID# nAB1905046526**

Ms. Hall:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (ConocoPhillips) to complete remedial activities at a Heritage COG Operating, LLC (Concho) release that occurred at a flowline associated with the King Tut Federal #001H well (API No. 30-025-41542). The release footprint is located in Public Land Survey System (PLSS) Unit Letter D, Section 30, Township 24 South, Range 32 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.19467°, -103.71971°, as shown on Figures 1 and 2.

BACKGROUND

According to the New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release was caused by a ruptured flowline in the pipeline rights-of-way along the lease road adjacent to the King Tut #001H well pad on February 8, 2019. The release consisted of 10 barrels (bbls) of produced water, of which 5 bbls were reported recovered. The NMOCD received the initial C-141 on February 11, 2019 and subsequently assigned the release the Incident ID nAB1905046526. The initial C-141 form is included in Appendix A.

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 low karst potential.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there is one (1) water well located within ½ mile (800 meters) of the Site at a depth of 120 feet bgs with no groundwater elevation reported. This dry water well provides a reasonable determination to establish groundwater as greater than 100 bgs in the ½ mile radius. The minimum depth to groundwater based on data from one (1) well located approximately 1.26 miles (2,028 meters) away from the Site is 135 feet below ground surface (bgs). The site characterization data are presented in Appendix B.

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REGULATORY FRAMEWORK

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

Based on the site characterization, depth to groundwater, and in accordance with Table I of 19.15.29.12 NMAC, the recommended remedial action levels (RRALs) for the Site are as follows:

Constituent	Site RRALs
Chloride	20,000 mg/kg
TPH	2,500 mg/kg
BTEX	50 mg/kg

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

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH	100 mg/kg

INITIAL SITE ASSESSMENT AND 2019 DEFERRAL REQUEST

On February 20, 2019, Tetra Tech conducted assessment soil sampling at the Site on behalf of Concho. Four (4) auger holes (AH-1 through AH-4) were installed within the release extent to depths ranging from 7-10 feet bgs. Additionally, five (5) horizontal delineation samples (Horizontal North-1, Horizontal West-1, Horizontal South-1, Horizontal South-2, and Horizontal East-1) were collected along the perimeter of the release footprint. The release extent and sampling locations are presented in Figure 3.

The analytical results from the February 2019 soil sampling activities are summarized in Table 1. Chloride concentrations exceeded the reclamation limit of 600 mg/kg to a depth of 4 feet bgs at locations AH-1 and AH-2 and to a depth of 2 feet bgs at locations AH-3 and AH-4. There were analytical results from subsurface soil intervals (greater than 4 feet bgs) which exceeded the chloride RRAL of 20,000 mg/kg. There were no analytical results which exceeded the Site RRALs or reclamation limits for TPH, BTEX, or benzene. The analytical results associated with the horizontal delineation samples were below the Site RRALs and reclamation limits for all constituents.

Based on the analytical results of the February 2019 assessment sampling, a Closure Report / Deferral Request dated March 27, 2019 was submitted to the Bureau of Land Management (BLM) and to the NMOCD. In this report, Concho requested closure of the release and deferral of restoration and reclamation activities at the Site due to safety issues posed by numerous surface lines, buried lines, and electric lines in the release area.

The BLM and NMOCD rejected the closure request and deferral request for reclamation activities via email on August 15, 2019. A copy of regulatory correspondence is included in the OCD online permitting files.

2023 ADDITIONAL ASSESSMENT ACTIVITIES

The King Tut Federal #001H release (nAB1905046526) footprint coincides with three additional flowline release incidents associated with the King Tut Federal #001H well (nKL1630650239), the King Tut Federal #003H well (nOY1713048453) and the Windward Federal #001H well (nOY1721336457), respectively. Separate Remediation Work Plan reports have been submitted for the other three incidents.

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Tetra Tech prepared deferral requests for the other three incidents in May 2023 on behalf of ConocoPhillips. The NMOCD rejected the deferral requests with the following comment:

- *“Deferral denied. There is another open incident for a release that occurred in the same area under incident #NAB1905046526. The release occurred on 2/8/2019. A closure request was submitted 7/22/2019 and subsequently denied by both the BLM and OCD on 8/15/2019. Per 19.15.29.12 C. (3) “The responsible party shall remediate the impacted surface area of a release not occurring on a lined, bermed or otherwise contained exploration, development, production or storage site to meet the standards of Table I of 19.15.29.12 NMAC or other applicable remediation standards and restore and reclaim the area pursuant to 19.15.29.13 NMAC.” Remediation can take place by using hand hovels, hydrovac, etc. to safely remove contaminated soil around the pipelines. In-situ remediation can also be utilized as long as the remediation plan is approved by the OCD prior to implementation.”*

Tetra Tech conducted additional assessment sampling on behalf of ConocoPhillips within the combined release extents to evaluate current soil concentration levels and guide the proposed remediation. On September 7, 2023, Tetra Tech personnel installed nine (9) hand auger borings (AH-23-12 through AH-23-20) within the combined release extent at the locations that had elevated soil chloride concentrations in the August 2017 sampling event. The 2023 sampling locations are presented in Figure 4.

A total of forty-five (45) soil samples were collected and sent to Cardinal Laboratories in Midland, Texas to be analyzed for chloride via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B.

Analytical results from the 2023 vertical delineation soil assessment are summarized in Table 2. Chloride concentrations were detected in surface soils (0-4 feet bgs) at all nine boring locations at levels above the reclamation limit of 600 mg/kg. There were no analytical results exceeding the chloride RRAL of 20,000 mg/kg. All analytical results were below the reclamation limits and Site RRALs for all other constituents.

REMEDIATION WORK PLAN AND REGULATORY APPROVAL

Tetra Tech, on behalf of ConocoPhillips, prepared a Remediation Work Plan dated November 20, 2023 and submitted it to the NMOCD and the BLM for approval. The Remediation Work Plan described the results of the assessment activities and proposed to remove soils that exceeded the Site reclamation limits and RRALs as determined by the results of the assessment activities. The Remediation Work Plan also included a variance request to leave impacted surface (upper four feet) soils (with concentrations greater than the reclamation limit of 600 mg/kg) in place at specific areas that are overlain with 2-3 feet of clean topsoil.

The Remediation Work Plan and variance request were approved via email by Brittany Hall of the NMOCD on Friday, January 19, 2024, with the following conditions:

- *“Remediation plan and variance request are conditionally approved. If the horizontal extents of the release remediation excavation extend beyond AH-23-12, AH-23-13, and AH-23-20; then these areas will need to be addressed at time of remediation as there are no horizontal delineation points that meet the most stringent closure criteria in the upper four feet east of AH-23-15 and the horizontal delineation points are 70+ feet west of AH-23-20.*
- *Wall samples along any 4 foot buffer area of buried pressurized lines will need to be collected and analyzed for all constituents listed in Table I.*
- *Submit a complete report through the OCD Permitting website by 4/19/2023.”*

The Remediation Work Plan was approved verbally and reiterated via email by Shelly Taylor of the BLM on Wednesday, April 3, 2024. Copies of the regulatory correspondence is included in Appendix C.

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From March 20 through April 3, 2024, Tetra Tech personnel were onsite to supervise the remedial activities proposed in the approved Remediation Work Plan, including excavation, disposal, and confirmation

sampling. Prior to confirmation sampling, on March 21, 2024, the NMOCD district office was notified via the OCD Portal in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix C.

Impacted soils were excavated as indicated in Figure 5. The areas within the release footprint were excavated to a maximum depth of 4 feet below surrounding grade. Due to safety concerns associated with working around pressurized lines, impacted soils were excavated by hand or hydro-excavation within 4 feet of subsurface lines. Heavy machinery remained outside this buffer zone to avoid any associated risk or disturbance. Photographs from the excavated areas prior to backfill are provided in Appendix D.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per the NMOCD approved confirmation sampling plan, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. Seven (7) confirmation floor sample locations and eight (8) confirmation sidewall sample locations were collected for laboratory analysis 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"-#. Sidewall samples were collected in the vicinity of the 4-foot buffer area of buried pressurized lines and analyzed for all constituents listed in Table I, as stipulated in the approval. Excavated areas, 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 SM4500Cl-B. The analytical results were directly compared to the reclamation limits and established Site RRALs to demonstrate compliance.

The results of the March 2024 confirmation sampling events are summarized in Table 3. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH, and BTEX. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All excavated material was transported offsite for proper disposal. Approximately 484 cubic yards of material were transported to the Northern Delaware Basin Landfill. Copies of the waste manifests are included in Appendix F.

RECLAMATION ACTIVITIES

Based on 19.15.29.13 NMAC, all areas disturbed by the remediation have been reclaimed. 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 SM4500Cl-B. The analytical results were directly compared to the reclamation requirements and established Site RRALs to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below the reclamation limits for chloride, TPH, and BTEX. Excavated areas, depths and confirmation sample locations are indicated in Figure 5. The results of the March 2024 confirmation sampling events are summarized in Table 3.

Once acceptable confirmation sample results were received, the excavation was backfilled with clean material to pre-release grade. In accordance with 19.15.29.12 NMAC, the reclaimed area contained a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by SM4500Cl-B. The soil cover included a top layer consisting of one foot of suitable material to establish vegetation at the site. The backfilled areas in the pasture were seeded following backfilling, to aid in revegetation. Based on the soils of the site, the BLM Seed Mix #2 was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. One (1) representative 5-point composite sample was collected from the backfill material

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used for the reclamation of the project site. Soil backfill composite sampling results are summarized in Table 4. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Site inspections will be performed annually to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the NMSLO will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. Reclamation activities have been implemented in consultation with the BLM.

CONCLUSION

ConocoPhillips respectfully requests closure of the incident based on the confirmation sampling results and remedial activities performed. The final C-141 forms are enclosed in Appendix A.

Sincerely,
Tetra Tech, Inc.



Samantha Abbott, P.G.
Project Manager



Christian M. Llull, P.G.
Program Manager

cc:
Mr. Ike Tavarez, RMR – ConocoPhillips

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LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Initial Site Assessment (Tetra Tech 2019)
- Figure 4 – Approximate Release Extent and Additional Assessment (Tetra Tech 2023)
- Figure 5 – Excavation Extent and Confirmation Sampling Locations

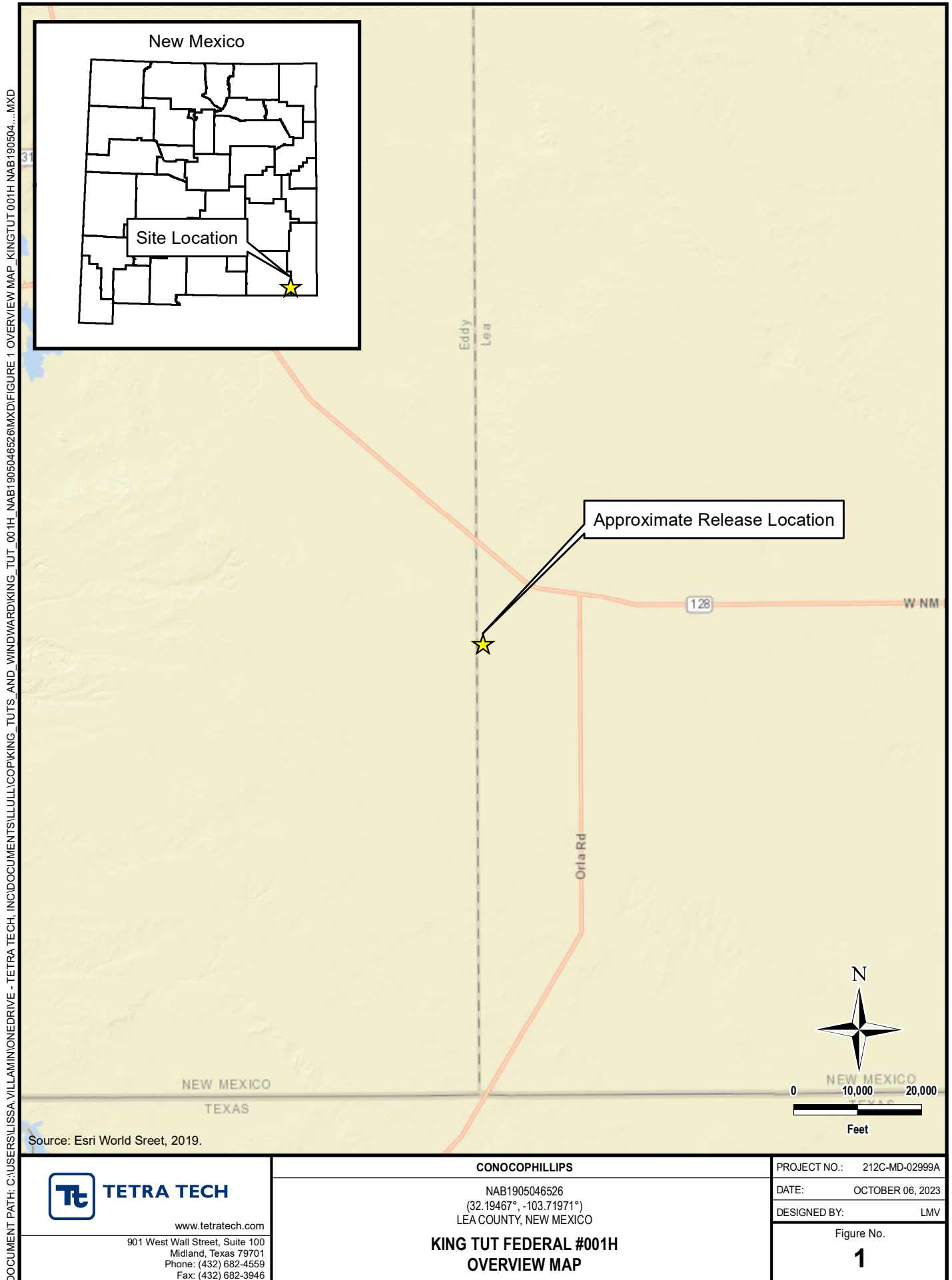
Tables:

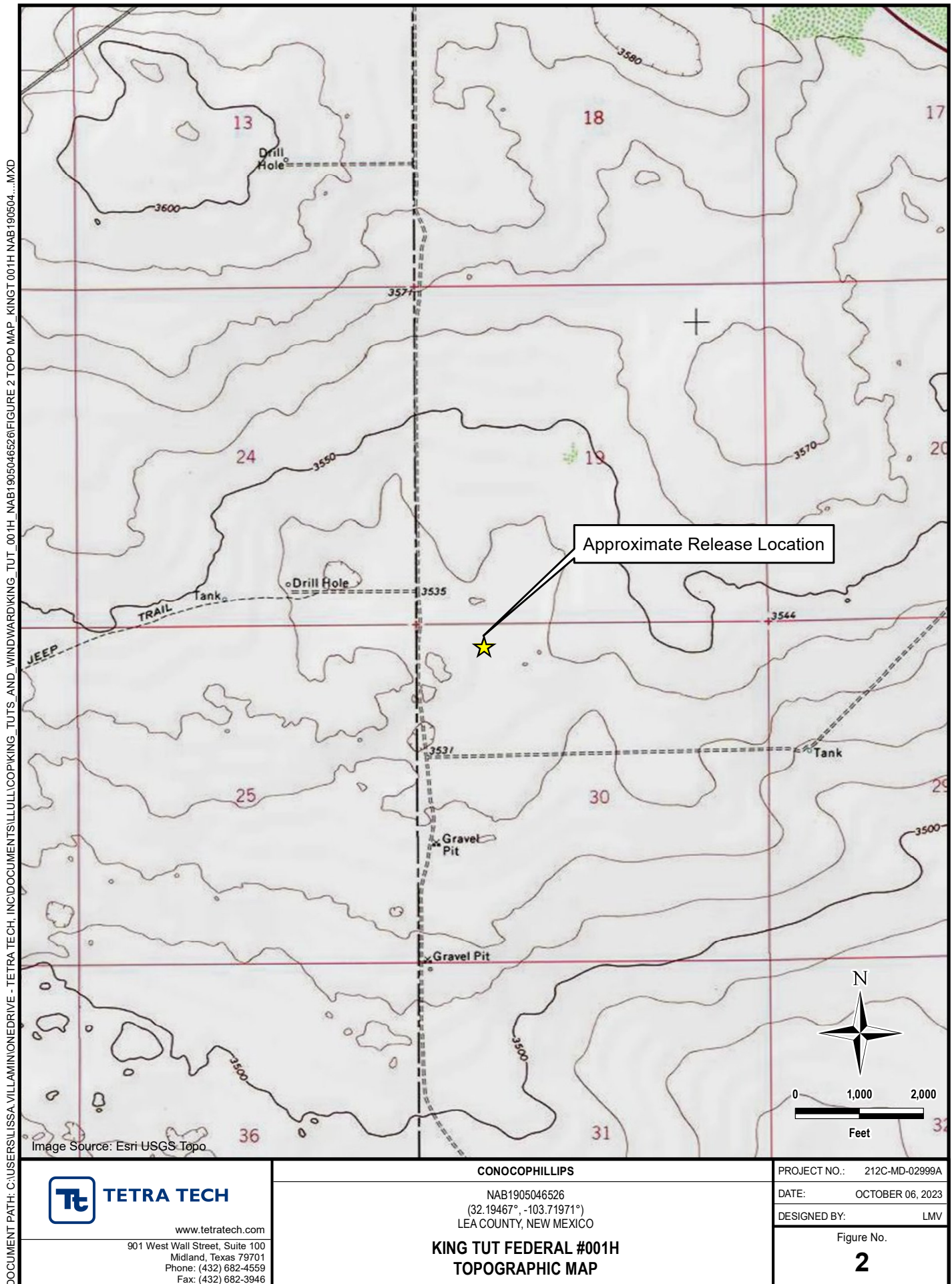
- Table 1 – Summary of Analytical Results – 2019 Initial Soil Assessment
- Table 2 – Summary of Analytical Results – 2023 Additional Soil Assessment
- Table 3 – Summary of Analytical Results – Soil Remediation
- Table 4 – Summary of Analytical Results – Soil Backfill

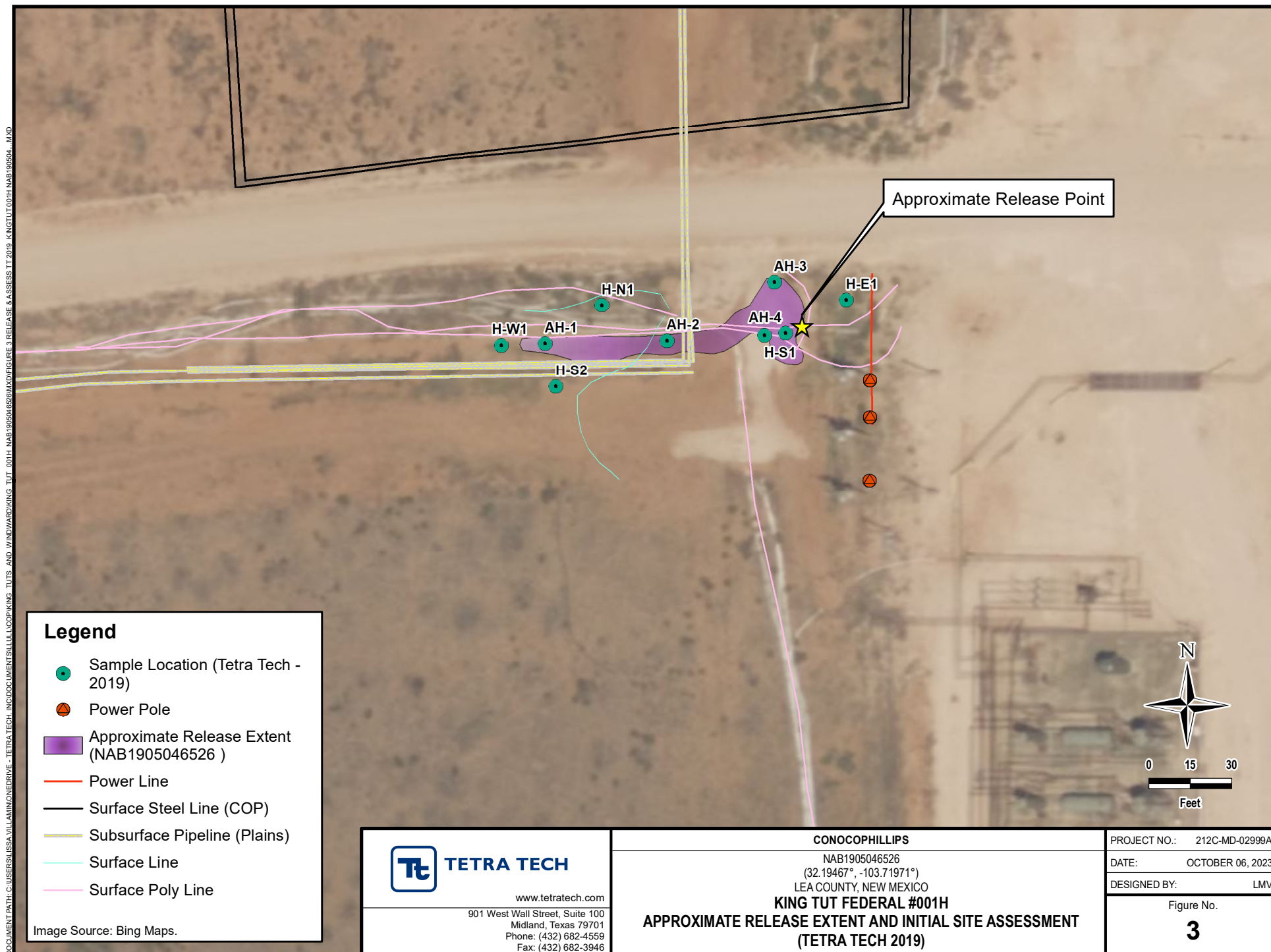
Appendices:

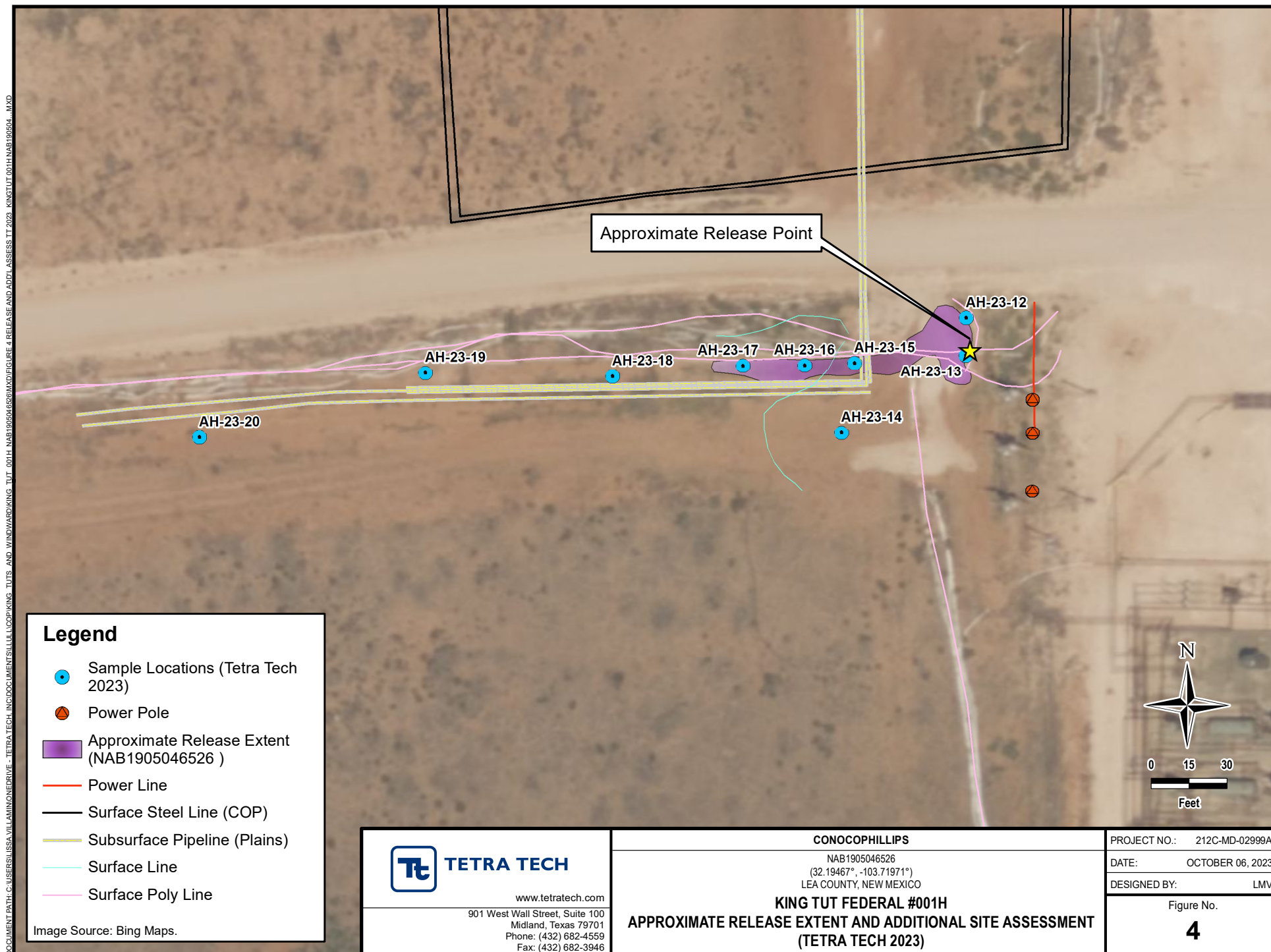
- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Regulatory Correspondence
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Analytical Data
- Appendix F – Waste Manifests

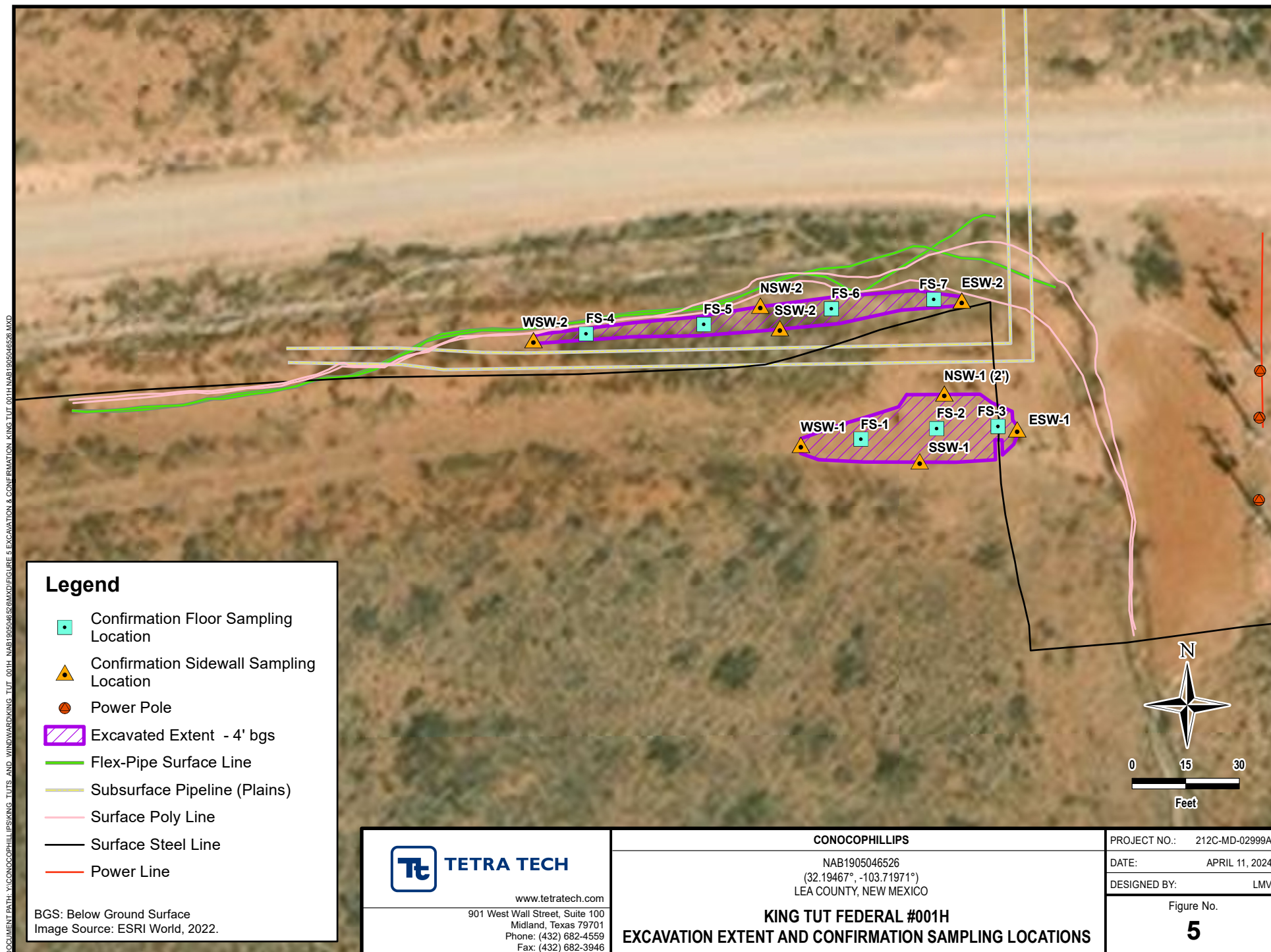
FIGURES











TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2019 INITIAL SOIL ASSESSMENT - nAB1905046526
CONOCOPHILLIPS
KING TUT FEDERAL #001H RELEASE
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²										TPH ³											
					Benzene		Toluene		Ethylbenzene		m,p-Xylenes		o-Xylene		Total Xylenes		Total BTEX		GRO		DRO		MRO		Total TPH	
		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	Q	mg/kg	Q		
AH-1	2/20/2019	0-1	8,060		<0.00200		<0.00200		<0.00200		<0.00400		<0.00200		<0.00200		<0.00200		<15.0		<15.0		<15.0		<15.0	
		1-1.5	5,990		<0.00201		<0.00201		<0.00201		<0.00401		<0.00201		<0.00201		<0.00201		<15.0		<15.0		<15.0		<15.0	
		2-2.5	5,930		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		3-3.5	3,140		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		4-4.5	1,580		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		5-5.5	1,610		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		6-6.5	1,740		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		7-7.5	3,550		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		8-8.5	4,160		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		9-9.5	1,130		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		10	1,350		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
AH-2	2/20/2019	0-1	2,860		<0.00199		<0.00199		<0.00199		<0.00398		<0.00199		<0.00199		<15.0		<15.0		<15.0		<15.0		<15.0	
		1-1.5	790		<0.00200		<0.00200		<0.00200		<0.00400		<0.00200		<0.00200		<0.00200		<15.0		<15.0		<15.0		<15.0	
		2-2.5	1,780		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		3-3.5	2,780		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		4-4.5	4,170		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		5-5.5	4,570		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		6-6.5	1,990		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		7-7.5	1,690		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		8-8.5	1,410		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		9-9.5	783		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		10	612		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
AH-3	2/20/2019	0-1	13,500		<0.00200		<0.00200		<0.00200		<0.00401		<0.00200		<0.00200		<0.00200		<15.0		<15.0		<15.0		<15.0	
		1-1.5	15,100		<0.00202		<0.00202		<0.00202		<0.00403		<0.00202		<0.00202		<0.00202		<14.9		<14.9		<14.9		<14.9	
		2-2.5	2,820		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		3-3.5	593		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		4-4.5	588		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		5-5.5	413		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		6-6.5	399		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		7-7.5	3,630		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		8-8.5	6,400		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		9-9.5	8,440		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		10	7,730		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
AH-4	2/20/2019	0-1	8,600		<0.00200		<0.00200		<0.00200		<0.00399		<0.00200		<0.00200		<0.00200		<14.9		<14.9		<14.9		<14.9	
		1-1.5	1,680		<0.00199		<0.00199		<0.00199		<0.00398		<0.00199		<0.00199		<0.00199		<15.0		<15.0		<15.0		<15.0	
		2-2.5	284		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		3-3.5	52.3		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		4-4.5	14.5		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		5-5.5	22.4		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		6-6.5	99.6		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		7-7.5	206		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Horizontal North 1	2/20/2019	-	22.2		<0.00200		<0.00200		<0.00200		<0.00399		<0.00200		<0.00200		<0.00200		<15.0		<15.0		<15.0		<15.0	
Horizontal West 1	2/20/2019	-	25.6		<0.00201		<0.00201		<0.00201		<0.00402		<0.00201		<0.00201		<0.00201		<14.9		<14.9		<14.9		<14.9	
Horizontal South 1	2/20/2019	-	8.43		<0.00200		<0.00200		<0.00200		<0.00400		<0.00200		<0.00200		<0.00200		<15.0		<15.0		<15.0		<15.0	
Horizontal South 2	2/20/2019	-	8.03		<0.00200		0.02060		0.01290		0.0275		0.0154		0.0429		0.0764		<15.0		<15.0		<15.0		<15.0	
Horizontal East 1	2/20/2019	-	254		<0.00200		0.00251		<0.00200		<0.00399		<0.00200		<0.00200		0.00251		<15.0		17.6		<15.0		17.6	

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

MRO Motor Oil range organics

NS Sample not analyzed for parameter

1 EPA Method 300.0

2 EPA Method 8021B

3 Method SW8015 Mod

QUALIFIERS:

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

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
2023 ADDITIONAL SOIL ASSESSMENT- nAB1905046526
CONOCOPHILLIPS
KING TUT #001 RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride		BTEX ²										TPH ³						
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		
		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
AH-23-12	9/7/2023	0-1	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	2,480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-23-13	9/7/2023	0-1	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	2,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-23-14	9/7/2023	0-1	1,550		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	1,390		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	880		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	2,640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	448		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-23-15	9/7/2023	0-1	5,600		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	3,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	2,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	2,480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	1,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-23-16	9/7/2023	0-1	5,040		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	2,840		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	3,200		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	2,640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	1,550		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-23-17	9/7/2023	0-1	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	1,960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	2,280		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	1,600		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-23-18	9/7/2023	0-1	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	912		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	1,840		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	2,280		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	1,640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-23-19	9/7/2023	0-1	1,920		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	2,080		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	2,480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	1,800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	1,570		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
2023 ADDITIONAL SOIL ASSESSMENT- nAB1905046526
CONOCOPHILLIPS
KING TUT #001 RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	
															C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆			
					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
AH-23-20	9/7/2023	0-1	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1-2	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		2-3	848		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		3-4	560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		4-5	416		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

NOTES:

- ft. Feet
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500Cl-B
- 2 Method 8021B
- 3 Method 8015M

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

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SOIL REMEDIATION - nAB1905046526, nKL1630650239, nOY1713048453, nOY1721336457
CONOCOPHILLIPS
KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, WINDWARD FEDERAL #001H RELEASES
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀	mg/kg	Q	mg/kg	Q	mg/kg		Q
FS-1	3/26/2024	4	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-2	3/26/2024	4	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-3	3/26/2024	4	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-4	3/27/2024	4	1,500		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-5	3/27/2024	4	800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-6	3/27/2024	4	800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-7	3/27/2024	4	656		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
NSW-1	3/26/2024	-	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		305		254		559	
NSW-1 (2')	3/28/2024	-	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		13.1		<10.0		13.1	
NSW-2	3/27/2024	-	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SSW-1	3/26/2024	-	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SSW-2	3/27/2024	-	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
ESW-1	3/26/2024	-	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
ESW-2	3/27/2024	-	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
WSW-1	3/26/2024	-	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		12.1		<10.0		12.1	
WSW-2	3/27/2024	-	304		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

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

Gold highlight represents soil horizons that were removed during deepening of excavation floors.

Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.

* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in ().

TABLE 4
SUMMARY OF ANALYTICAL RESULTS
TWIN WELLS BUCKTHORN PIT - SOIL BACKFILL
CONOCOPHILLIPS
KING TUT FEDERAL #001H RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Chloride ¹		BTEX ²										TPH ³							
				Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH	
														C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)	
		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
BACKFILL - COMPOSITE	3/26/2024	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

- NOTES:
- ft. Feet
 - bgs Below ground surface
 - mg/kg Milligrams per kilogram
 - TPH Total Petroleum Hydrocarbons
 - GRO Gasoline range organics
 - DRO Diesel range organics
 - 1 Method SM4500Cl-B
 - 2 Method 8021B
 - 3 Method 8015M

APPENDIX A C-141 Forms

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAB1905046526
District RP	1RP-5369
Facility ID	
Application ID	pAB1905046264

Release Notification

Responsible Party

Responsible Party	COG Production, LLC	OGRID	217955
Contact Name	Jennifer Knowlton	Contact Telephone	(575) 748-1570
Contact email	JKnowlton@concho.com	Incident # (assigned by OCD)	
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.19467 Longitude -103.71971
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	King Tut Federal #001H	Site Type	Flowline
Date Release Discovered	February 8, 2019	API# (if applicable)	30-025-41542 ** AB

Unit Letter	Section	Township	Range	County
D	30	24S	32E	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 10	Volume Recovered (bbls) 5
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by the SWD being closed in resulting in the flowline to rupture. The flowline is being repaired. The release occurred in the pasture. A vacuum truck was dispatched to remove all freestanding fluids. Concho will evaluate the site to determine if we may commence remediation immediately or delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

Incident ID	NAB1905046526
District RP	1RP-5369
Facility ID	
Application ID	pAB1905046264

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>DeAnn Grant</u>	Title: <u>HSE Administrative Assistant</u>
Signature: <u></u>	Date: <u>2/11/2019</u>
email: <u>agrانت@concho.com</u>	Telephone: <u>(432) 253-4513</u>
OCD Only	
Received by: <u></u>	Date: <u>2/19/2019</u>

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill: COG - King Tut Federal #001H

Date of Spill: 8-Feb-2019

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here: ☒

Input Data:

OIL: 0.0 BBL

WATER: 0.0 BBL

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here:

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations							Standing Liquid Calculations						
Total Surface Area	width	length		wet soil depth	oil (%)		Standing Liquid Area	width	length	liquid depth	oil (%)		
Rectangle Area #1	30 ft	40 ft	X	2.00 in	0%		Rectangle Area #1	0 ft	X	0 ft	0 in	0%	
Rectangle Area #2	0 ft	X	X	0 in	0%		Rectangle Area #2	0 ft	X	0 ft	0 in	0%	
Rectangle Area #3	0 ft	X	X	0 in	0%		Rectangle Area #3	0 ft	X	0 ft	0 in	0%	
Rectangle Area #4	0 ft	X	X	0 in	0%		Rectangle Area #4	0 ft	X	0 ft	0 in	0%	
Rectangle Area #5	0 ft	X	X	0 in	0%		Rectangle Area #5	0 ft	X	0 ft	0 in	0%	
Rectangle Area #6	0 ft	X	X	0 in	0%		Rectangle Area #6	0 ft	X	0 ft	0 in	0%	
Rectangle Area #7	0 ft	X	X	0 in	0%		Rectangle Area #7	0 ft	X	0 ft	0 in	0%	
Rectangle Area #8	0 ft	X	X	0 in	0%		Rectangle Area #8	0 ft	X	0 ft	0 in	0%	

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD)

Total Hydrocarbon Content in gas: 0% (percentage)

Did leak occur before the separator?: ☒ YES ☒ N/A (place an "X")

H2S Content in Produced Gas: 0 PPM

H2S Content in Tank Vapors: 0 PPM

Amount of Free Liquid Recovered: 0 BBL

Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor *: 0.14 gal per gal

Use the following when the spill wets the grains of the soil.
* Sand = 0.08 gallon (gal.) liquid per gal. volume of soil.
* Gravelly (caliche) loam = 0.14 gal. liquid per gal. volume of soil.
* Sandy clay loam soil = 0.14 gal liquid per gal. volume of soil.
* Clay loam = 0.16 gal. liquid per gal. volume of soil.

Use the following when the liquid completely fills the pore space of the soil:
Occurs when the spill soaked soil is contained by barriers, natural (or not).
* Clay loam = 0.20 gal. liquid per gal. volume of soil.
* Gravelly (caliche) loam = 0.25 gal. liquid per gal. volume of soil.
* Sandy loam = 0.5 gal. liquid per gal. volume of soil.

Total Solid/Liquid Volume: 1,200 sq. ft. 200 cu. ft. cu. ft.				Total Free Liquid Volume: sq. ft. cu. ft. cu. ft.			
Estimated Volumes Spilled				Estimated Production Volumes Lost			
		H2O	OIL		H2O	OIL	
Liquid in Soil:	5.0 BBL	0.0 BBL	0.0 BBL	Estimated Production Spilled:	0.0 BBL	0.0 BBL	
Free Liquid:	0.0 BBL	0.0 BBL	0.0 BBL	Estimated Surface Damage			
Totals:	5.0 BBL	0.0 BBL	0.0 BBL	Surface Area:	1,200 sq. ft.		
				Surface Area:	.0275 acre		
Total Liquid Spill Liquid:	5.0 BBL	0.00 BBL		Estimated Weights, and Volumes			
Recovered Volumes							
Estimated oil recovered:	BBL	check - okay		Saturated Soil =	22,400 lbs	200 cu. ft.	
Estimated water recovered:	BBL	check - okay		Total Liquid =	5 BBL	209 gallon	
						7 cu. yds.	
						1,743 lbs	

Air Emission from flowline leaks:
Volume of oil spill: - BBL
Separator gas calculated: - MCF
Separator gas released: - MCF
Gas released from oil: - lb
H2S released: - lb
Total HC gas released: - lb
Total HC gas released: - MCF

Air Emission of Reporting Requirements:
New Mexico
HC gas release reportable? NO
H2S release reportable? NO
Texas
NO
NO

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

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

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

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


State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAB1905046526
District RP	
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: Ike Tavarez _____ Title: Program Manager, Remediation _____

Signature:  _____ Date: 12/8/2023 _____

email: Ike.Tavarez@conocophillips.com _____ Telephone: 432-685-2573 _____

OCD Only

Received by: _____ Date: _____

Incident ID	nAB1905046526
District RP	
Facility ID	
Application ID	

Remediation Plan


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

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Ike Tavarez Title: Program Manager, Remediation
Signature:  Date: 12/8/2023
email: Ike.Tavarez@conocophillips.com Telephone: 432-685-2573

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure


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

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

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

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

Printed Name: _____ Title: _____

Signature:  _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

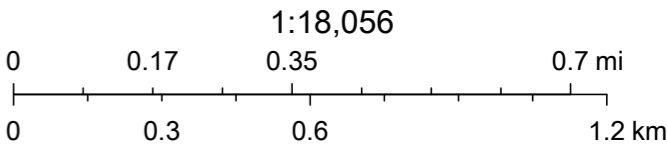
APPENDIX B

Site Characterization Data

OCD Waterbodies Locations



1/27/2023, 4:19:33 PM



Esri, HERE, Garmin, IPC, Maxar, NM OSE

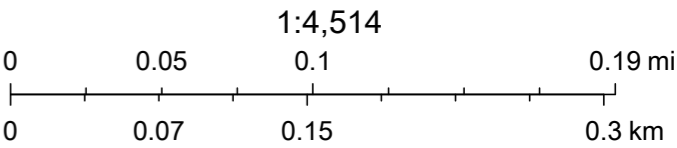
OCD Potential Karst Map



1/27/2023, 3:52:04 PM

Karst Occurrence Potential

Low



BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, iPC, 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 Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04665	CUB	LE		1	1	2	30	24S	32E	621350	3562798	723	120		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 620631.2

Northing (Y): 3562717.58

Radius: 800

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.

5/18/23 7:33 AM

Page 1 of 1

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 water right file.)

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04665	CUB	LE		1	1	2	30	24S	32E	621350	3562798	723	120		
C 04654 POD1	CUB	ED		3	3	4	25	24S	31E	619764	3561226	1724	55		
C 04636 POD1	CUB	ED		3	4	3	25	24S	31E	619200	3561279	2028			
C 04643 POD1	C	ED		4	2	2	05	23S	27E	619200	3561279	2028	305	135	170

Average Depth to Water: **135 feet**

Minimum Depth: **135 feet**

Maximum Depth: **135 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 620631.2

Northing (Y): 3562717.58

Radius: 2500

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.

1/27/23 3:11 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

APPENDIX C

Regulatory Correspondence

Chavira, Lisbeth

From: OCDOnline@state.nm.us
Sent: Friday, January 19, 2024 12:55 PM
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 293215

⚠ 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 PRODUCTION, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAB1905046526, with the following conditions:

- **Remediation plan and variance request are conditionally approved. If the horizontal extents of the release remediation excavation extend beyond AH-23-12, AH-23-13, and AH-23-20; then these areas will need to be addressed at time of remediation as there are no horizontal delineation points that meet the most stringent closure criteria in the upper four feet east of AH-23-15 and the horizontal delineation points are 70+ feet west of AH-23-20.**
- **Wall samples along any 4 foot buffer area of buried pressurized lines will need to be collected and analyzed for all constituents listed in Table I.**
- **Submit a complete report through the OCD Permitting website by 4/19/2023.**

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

From: [Taylor, Shelly J](#)
To: [Abbott, Sam](#)
Cc: [Llull, Christian](#)
Subject: Re: [EXTERNAL] FW: King Tut Federal #001H Release - nAB1905046526 - Remediation Work Plan
Date: Wednesday, April 3, 2024 6:49:56 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)
[Outlook-hahoupa2.png](#)

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

To follow up with my verbal approval, you are authorized to begin remedial activities.

Respectfully,

Shelly J Taylor

Assistant Field Manager
Lands & Minerals - Acting

Bureau of Land Management
Pecos District/Roswell Field Office
2909 W 2nd St
Roswell, NM 88201

Direct 575.627.0250
Mobile 575.200.0614
sjtaylor@blm.gov



From: Abbott, Sam <Sam.Abbott@tetrattech.com>
Sent: Thursday, March 14, 2024 12:03 PM
To: Taylor, Shelly J <sjtaylor@blm.gov>
Cc: Llull, Christian <Christian.Llull@tetrattech.com>
Subject: [EXTERNAL] FW: King Tut Federal #001H Release - nAB1905046526 - Remediation Work Plan

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

4/4

Samantha Abbott, PG | Project ManagerDirect Mobile +1 (512) 739-7874 | Business +1 (512) 338-1667 | Sam.Abbott@tetrattech.com**Tetra Tech, Inc.** | *Leading with Science*® | OGA8911 N Capital of Texas Hwy #2310 | Austin, TX 78759 | tetrattech.com

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From: Llull, Christian <Christian.Llull@tetrattech.com>**Sent:** Tuesday, February 6, 2024 11:32 AM**To:** Tucker, Shelly J <stucker@blm.gov>**Cc:** Abbott, Sam <Sam.Abbott@tetrattech.com>**Subject:** King Tut Federal #001H Release - nAB1905046526 - Remediation Work Plan

Shelly:

Attached for your review is the Remediation Work Plan for the King Tut Federal #001H Release - **nAB1905046526 (DOR 2/8/2019)**.

- *This WP has been approved by NMOCD.*
- Approval attached.
- There are 4 similar WPs that you will receive, the remedial action is the same for all 4 sites based on the combined assessment.
 - King Tut Federal #001H Release (nKL1630650239)
 - King Tut Federal #003H Release (nOY1713048453)
 - Windward Federal #001H (nOY1721336457)
 - King Tut Federal #001H Release (nAB1905046526)

King Tut Federal #001H Release**Lea County, TX****Approximate Release Location:** 32.19467°, -103.71971°**Date Release Discovered:** February 8, 2019**Volume Released:** 10 bbls produced water**Volume Recovered:** 5 bbl produced water**Incident ID:** nAB1905046526**BACKGROUND:**

According to information provided, the release was caused by a ruptured flowline associated with the in the pipeline rights-of-way along the lease road adjacent to the King Tut #001H well pad.

- The release extent is partly comingled with the Windward Federal #001H release (nOY1721336457), the King Tut Federal #001H well (nKL1630650239), and the King Tut Federal #003H battery (nOY1713048453) release footprints.
- Tetra Tech conducted the initial soil assessment on behalf of Concho in 2019.
- Tetra Tech prepared a Closure Report/Deferral Request on behalf of Concho dated March 27, 2019 summarizing the assessment sampling results.
 - Closure/deferral of restoration and reclamation activities was requested due to safety concerns around the numerous surface lines, buried lines, and electric lines in the area.
- The Closure Report was rejected by NMOCD on August 15, 2019.

ADDITIONAL ASSESSMENT:

- Tetra Tech conducted additional soil sampling at the Site on May 5, 2023 to complete horizontal delineation of the adjacent 3 coincident releases per NMOCD directive.
 - Eleven (11) hand auger borings (AH-23-1 through AH-23-11) were installed to 1 foot bgs along the perimeter of the release.
 - All analytical results were below the applicable Site RRALs.
- Based on a review of associated correspondence and the results of the March 2023 additional site assessment, Tetra Tech prepared a deferral requests for the 3 adjacent release incidents and submitted to the NMOCD on behalf of COP.
- The NMOCD denied the deferral requests in an email dated June 6, 2023 with the following comments:
 - *"Deferral denied. There is another open incident for a release that occurred in the same area under incident #NAB1905046526. The release occurred on 2/8/2019. A closure request was submitted 7/22/2019 and subsequently denied by both the BLM and OCD on 8/15/2019. Per 19.15.29.12 C. (3) "The responsible party shall remediate the impacted surface area of a release not occurring on a lined, bermed or otherwise contained exploration, development, production or storage site to meet the standards of Table I of 19.15.29.12 NMAC or other applicable remediation standards and restore and reclaim the area pursuant to 19.15.29.13 NMAC." Remediation can take place by using hand hovels, hydrovac, etc. to safely remove contaminated soil around the pipelines. In-situ remediation can also be utilized as long as the remediation plan is approved by the OCD prior to implementation.*
 - *Submit a complete report throught the OCD Permitting website by 9/6/2023."*
- The Site then transferred to RMR and Tetra Tech conducted additional vertical delineation sampling to confirm the continued presence of surface soil impacts above the chloride reclamation limit (600 mg/kg).
- Tetra Tech conducted additional soil sampling at the Site on September 7, 2023 to complete vertical delineation of the combined release extent.
 - Nine (9) hand auger borings (AH-23-12 through AH-23-20) were installed to 5 feet bgs within the release extent.
 - All analytical results were below the applicable Site RRALs for subsurface (>4 feet bgs) soils.
 - Surface soils (0-4 feet bgs) were impacted with chlorides above the reclamation limit of

600 mg/kg at multiple locations.

WORK PLAN:

- Tetra Tech has prepared the attached Work Plan in accordance with the NMOCD deferral denial and the 2023 additional assessment sampling results.
 - Impacted surface soils in two areas (of borings AH-23-12, AH-23-13, and AH-23-20) were overlain by 2-3 feet of clean surface soils.
 - Therefore, a variance is requested to leave those soils in place.
- Impacted material within the release extent is proposed to be removed to a maximum depth of 4'.
 - The total proposed volume to be removed and disposed of is 560 cubic yards.
- Confirmation sampling is proposed on the default 200 sf grid. The proposed excavation area is approximately 3,775 feet.
- Once acceptable confirmation sample results are received the excavation will then be backfilled with clean material to surface grade.
- The seed mixture for LPC Sand/Shinnery Sites will be used for seeding.
- Remediation activities at the Site are proposed to begin within **90** days of plan approval.

Let me know what you think,

Christian

Christian Llull, P.G. | Program Manager
Mobile +1 (512) 565-0190 | christian.llull@tetrattech.com

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Chavira, Lisbeth

From: OCDOnline@state.nm.us
Sent: Thursday, March 21, 2024 2:41 PM
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 325649

⚠ 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 PRODUCTION, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAB1905046526.

The sampling event is expected to take place:

When: 03/26/2024 @ 10:00

Where: D-30-24S-32E 0 FNL 0 FEL (32.19467,-103.71971)

Additional Information: Contact Sam Abbott at 512-417-5360

Additional Instructions: Approximate Release Location: 32.194551°, -103.720252°

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

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

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

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

APPENDIX D

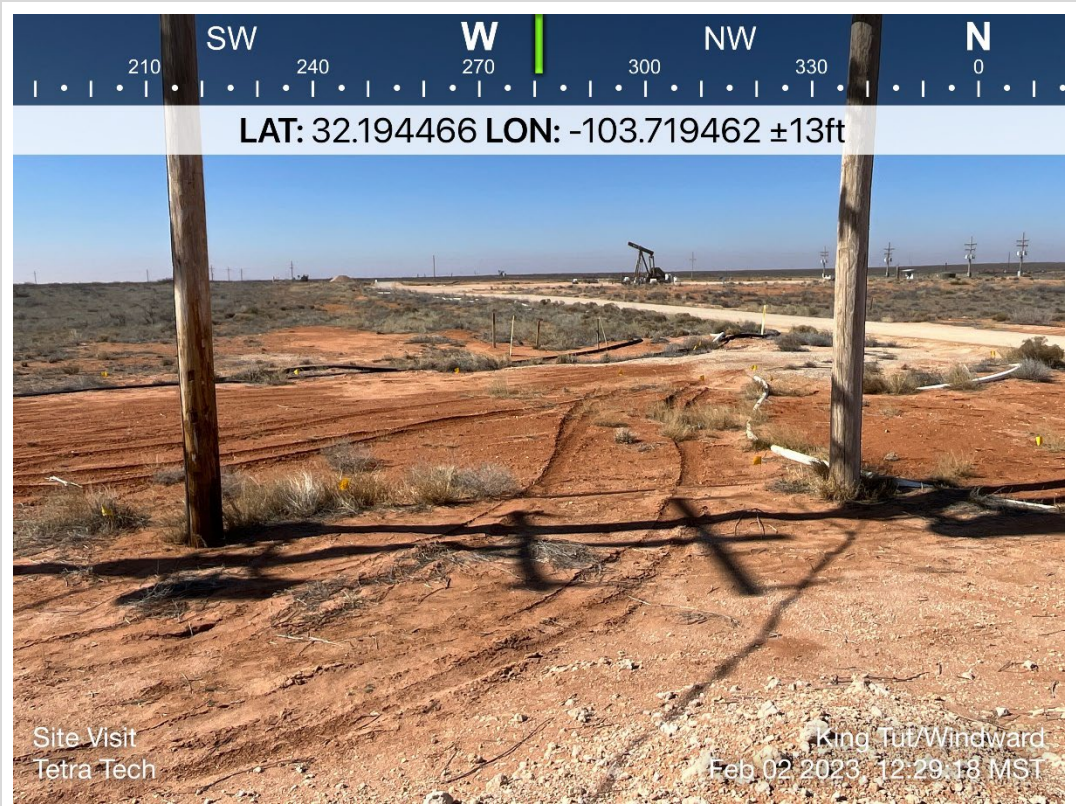
Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View SW-W of release extent at the NW corner of pad. Vegetated towards lease road Surface poly-lines present.	1
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	2/2/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View W of release extent and pipeline right-of-way.	2
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	2/2/2023



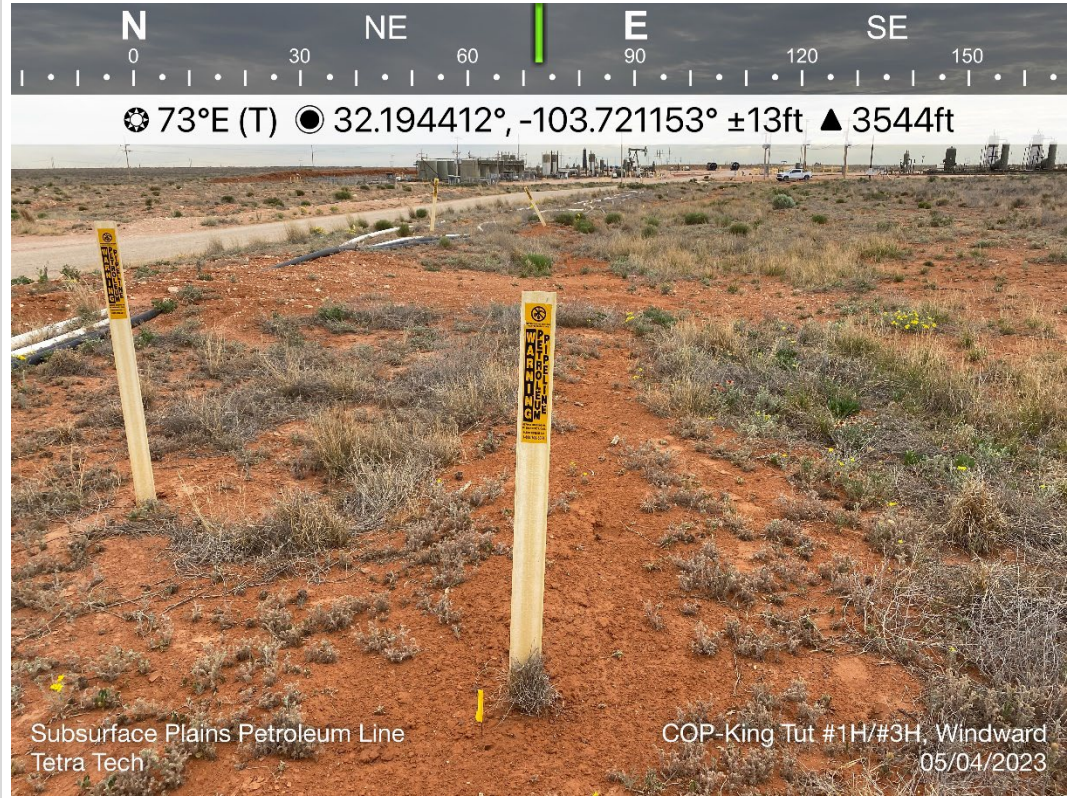
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View W of lease road and release extent from beneath overhead electrical lines.	3
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	2/2/2023



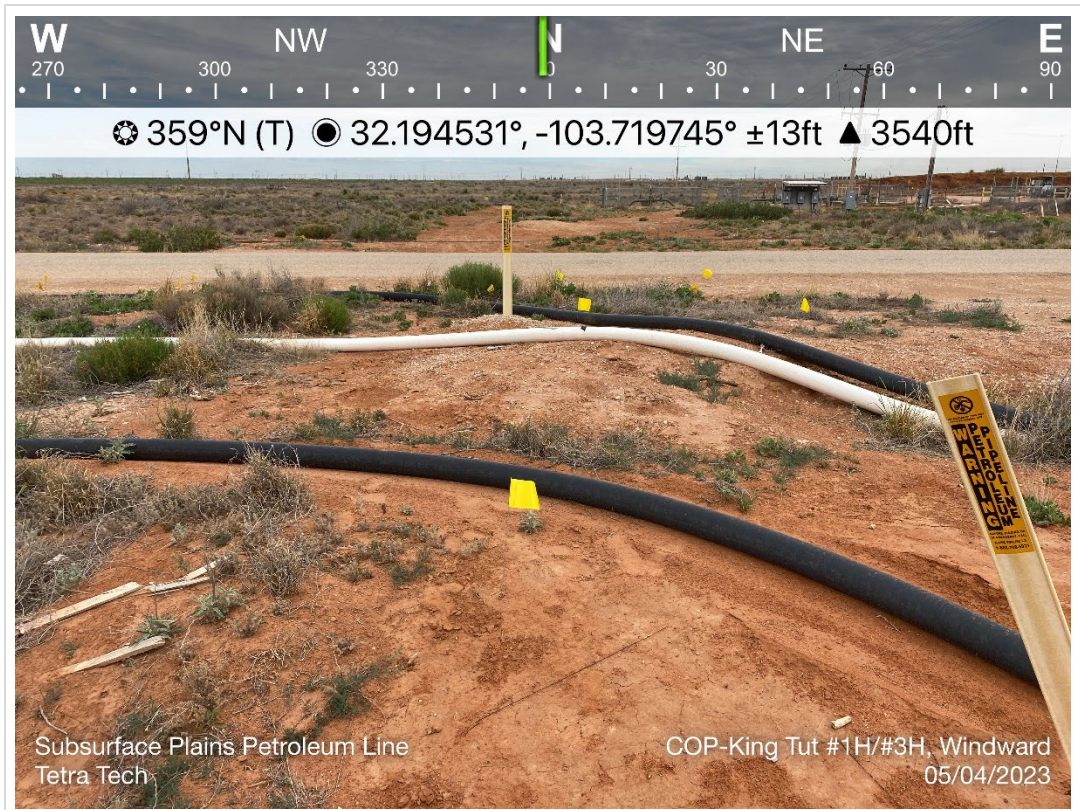
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View W towards lease road.	4
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	2/2/2023



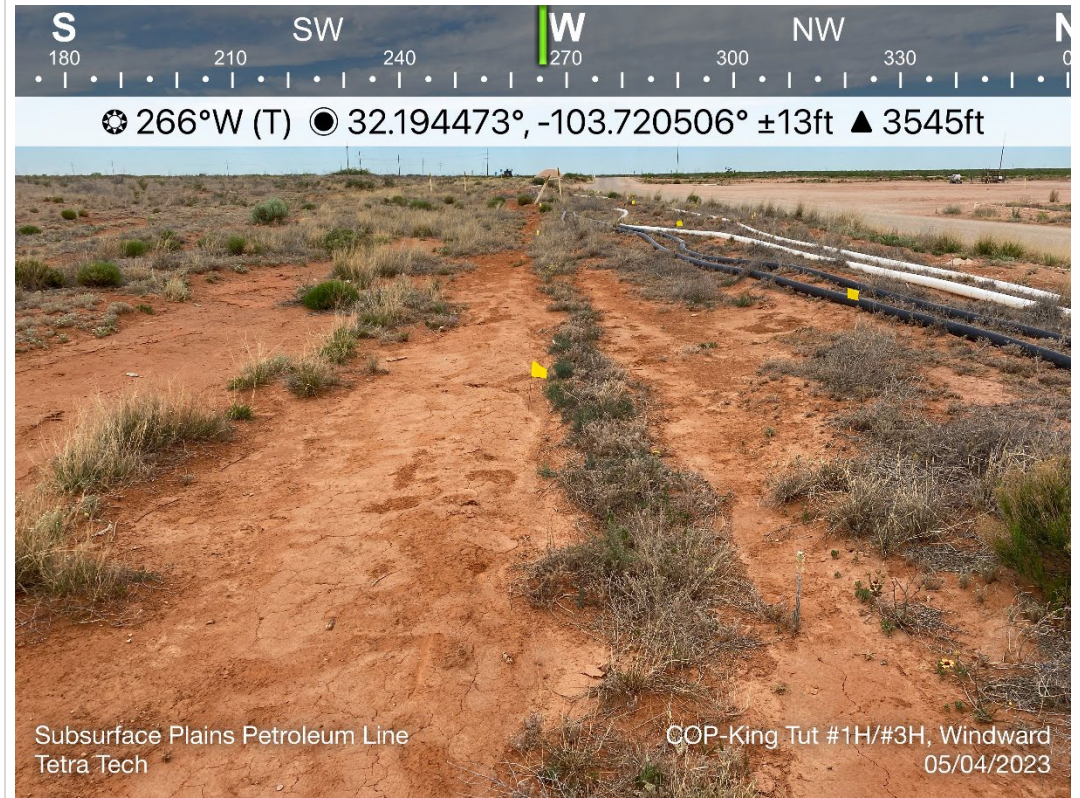
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View west. View of historical release area. Surface poly lines and buried steel line.	5
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	5/4/2023



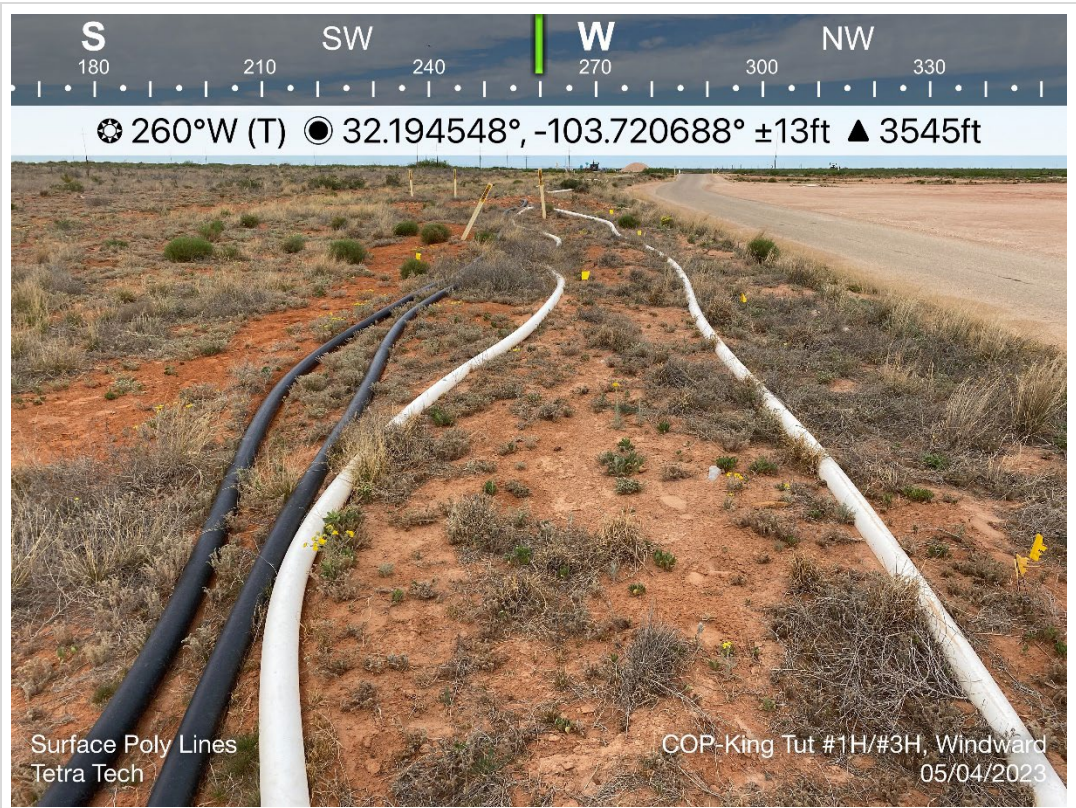
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View northeast. View of surface lines. Vegetation present.	6
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	5/4/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View north. View of surface poly lines.	7
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	5/4/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View west. View of historical release area. View of surface poly lines and vegetation present.	8
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	5/4/2023



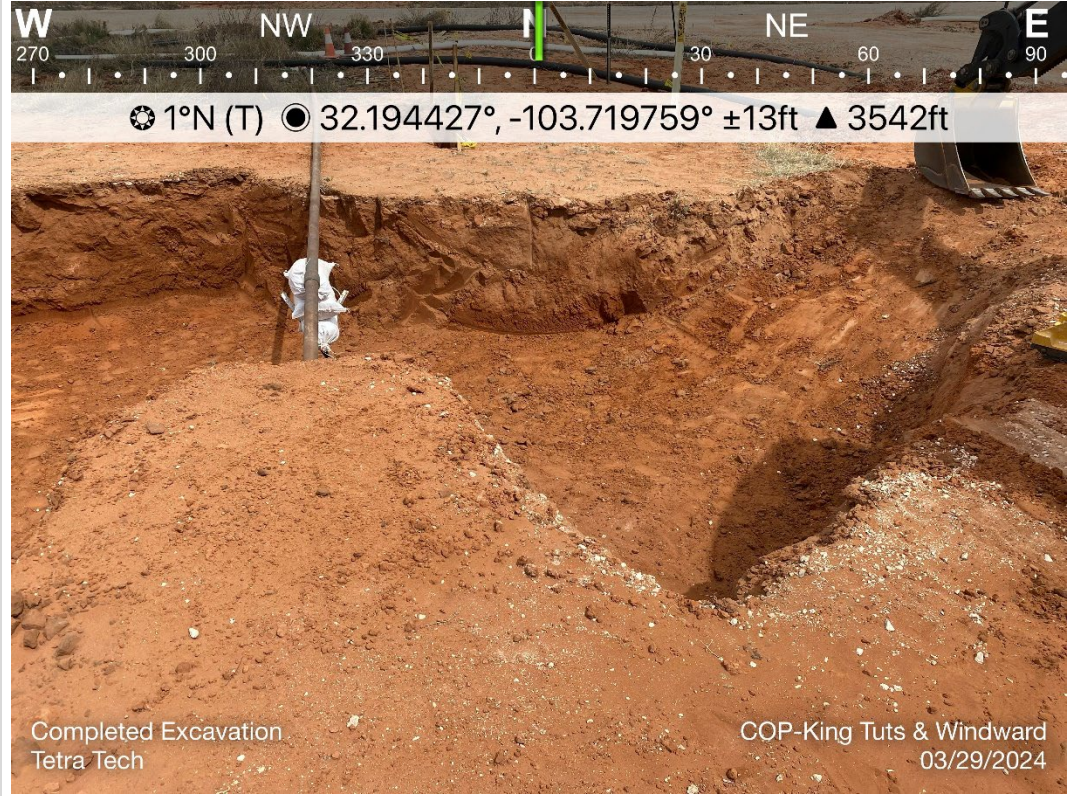
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View west. View of surface poly lines and area of historical release.	9
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	5/4/2023



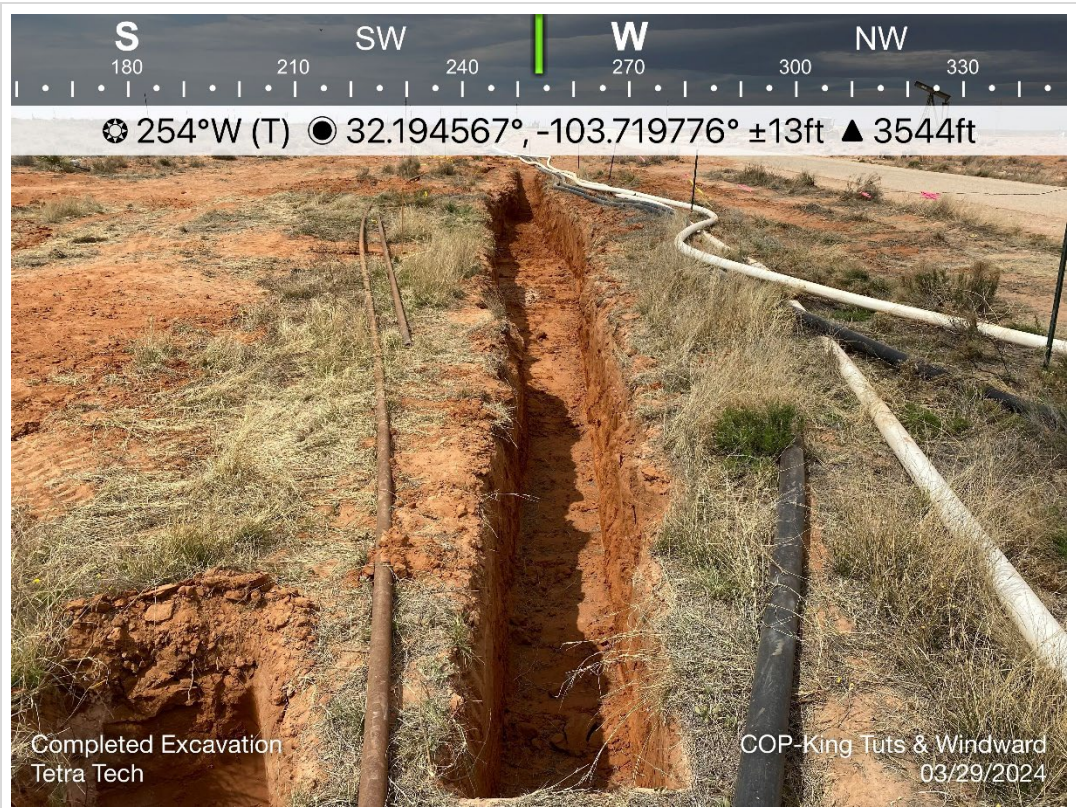
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View southwest west. View surface poly lines and buried steel line.	10
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	5/4/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View west. View of excavated areas.	11
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	3/29/2024



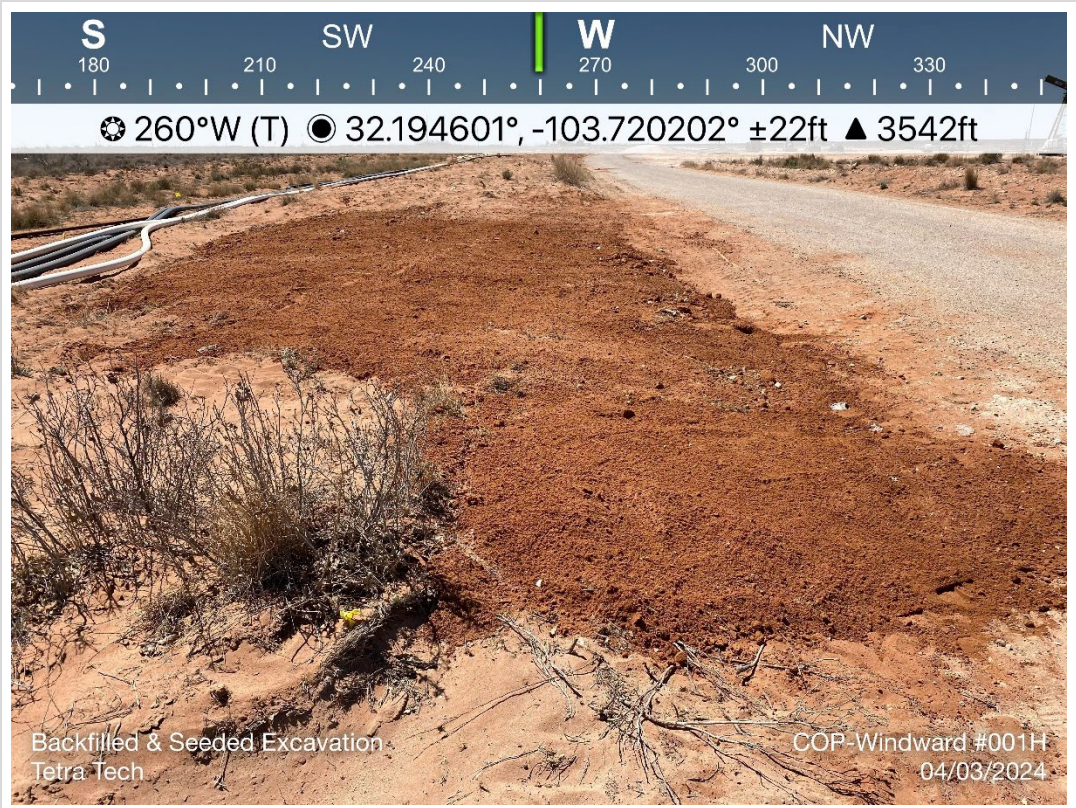
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View north. View of excavation activities.	12
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	3/29/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View west. View of excavation activities.	13
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	3/29/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View east. View of excavation activities.	14
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	3/29/2024



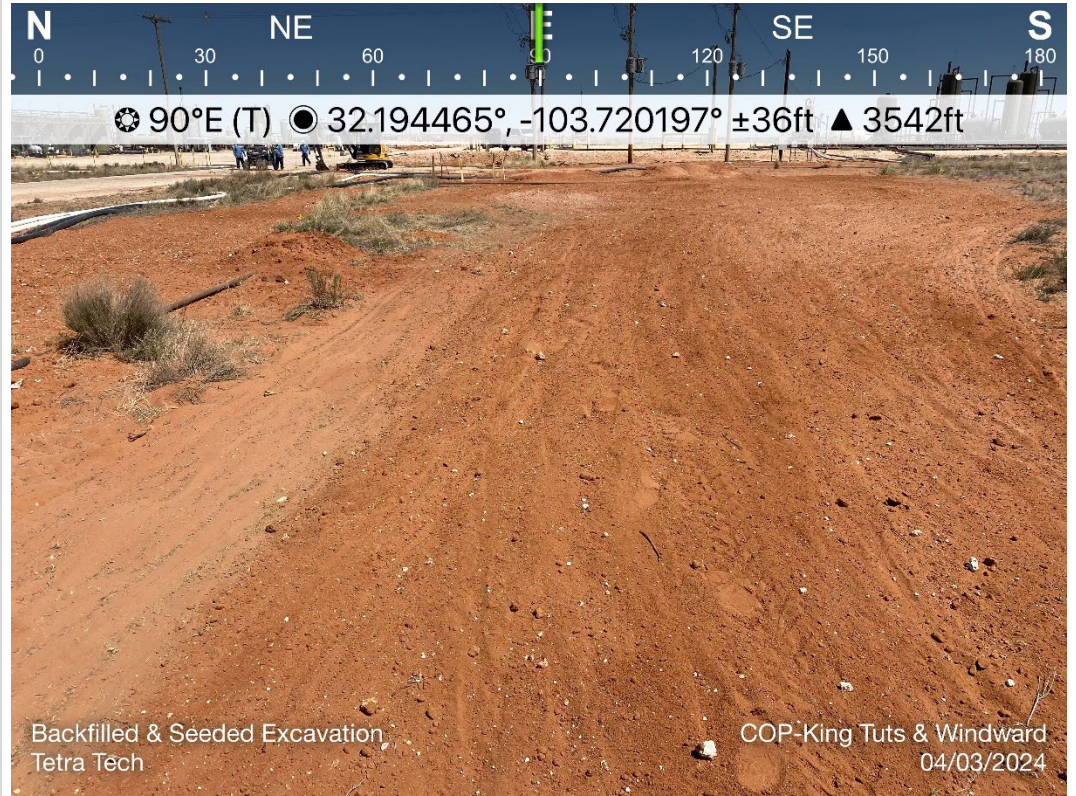
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View west. View of backfilled and seeded excavation areas.	15
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	4/3/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View east. View of backfilled and seeded excavated areas.	16
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	4/3/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View east southeast. View of backfilled and seeded excavated areas.	17
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	4/3/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View east. View of backfilled and seeded excavated areas.	18
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	4/3/2024

APPENDIX E

Laboratory Analytical Data



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

March 27, 2024

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: KING TUT(S) & WINDWARD FED RELEASES

Enclosed are the results of analyses for samples received by the laboratory on 03/26/24 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/26/2024	Sampling Date:	03/26/2024
Reported:	03/27/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: FS - 1 (H241558-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.24	112	2.00	0.883	
Toluene*	<0.050	0.050	03/26/2024	ND	2.19	109	2.00	0.961	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.14	107	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.23	104	6.00	1.07	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	204	102	200	0.241	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	210	105	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/26/2024	Sampling Date:	03/26/2024
Reported:	03/27/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: FS - 2 (H241558-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2024	ND	2.24	112	2.00	0.883		
Toluene*	<0.050	0.050	03/26/2024	ND	2.19	109	2.00	0.961		
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.14	107	2.00	1.01		
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.23	104	6.00	1.07		
Total BTEx	<0.300	0.300	03/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/27/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	204	102	200	0.241	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	210	105	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/26/2024	Sampling Date:	03/26/2024
Reported:	03/27/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: FS - 3 (H241558-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2024	ND	2.24	112	2.00	0.883		
Toluene*	<0.050	0.050	03/26/2024	ND	2.19	109	2.00	0.961		
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.14	107	2.00	1.01		
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.23	104	6.00	1.07		
Total BTEx	<0.300	0.300	03/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/27/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	204	102	200	0.241	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	210	105	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/26/2024	Sampling Date:	03/26/2024
Reported:	03/27/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: NSW - 1 (H241558-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2024	ND	2.24	112	2.00	0.883		
Toluene*	<0.050	0.050	03/26/2024	ND	2.19	109	2.00	0.961		
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.14	107	2.00	1.01		
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.23	104	6.00	1.07		
Total BTEX	<0.300	0.300	03/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/27/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	204	102	200	0.241	
DRO >C10-C28*	305	10.0	03/27/2024	ND	210	105	200	1.40	
EXT DRO >C28-C36	254	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/26/2024	Sampling Date:	03/26/2024
Reported:	03/27/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: SSW - 1 (H241558-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2024	ND	2.24	112	2.00	0.883		
Toluene*	<0.050	0.050	03/26/2024	ND	2.19	109	2.00	0.961		
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.14	107	2.00	1.01		
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.23	104	6.00	1.07		
Total BTEx	<0.300	0.300	03/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/27/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	204	102	200	0.241	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	210	105	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/26/2024	Sampling Date:	03/26/2024
Reported:	03/27/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: ESW - 1 (H241558-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2024	ND	2.24	112	2.00	0.883		
Toluene*	<0.050	0.050	03/26/2024	ND	2.19	109	2.00	0.961		
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.14	107	2.00	1.01		
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.23	104	6.00	1.07		
Total BTEx	<0.300	0.300	03/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/27/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	204	102	200	0.241	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	210	105	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/26/2024	Sampling Date:	03/26/2024
Reported:	03/27/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: WSW - 1 (H241558-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2024	ND	2.24	112	2.00	0.883		
Toluene*	<0.050	0.050	03/26/2024	ND	2.19	109	2.00	0.961		
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.14	107	2.00	1.01		
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.23	104	6.00	1.07		
Total BTEx	<0.300	0.300	03/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/27/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	204	102	200	0.241	
DRO >C10-C28*	12.1	10.0	03/27/2024	ND	210	105	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 27, 2024

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: TWIN WELLS BUCKTHORN PIT (BACKFILL SOURCE)

Enclosed are the results of analyses for samples received by the laboratory on 03/26/24 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/26/2024	Sampling Date:	03/26/2024
Reported:	03/27/2024	Sampling Type:	Soil
Project Name:	TWIN WELLS BUCKTHORN PIT (BACKFI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: BACKFILL - COMPOSITE (H241559-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2024	ND	2.24	112	2.00	0.883		
Toluene*	<0.050	0.050	03/26/2024	ND	2.19	109	2.00	0.961		
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.14	107	2.00	1.01		
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.23	104	6.00	1.07		
Total BTEX	<0.300	0.300	03/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/27/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	226	113	200	0.713	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	220	110	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

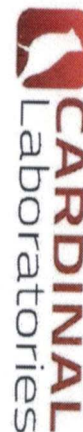
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



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

March 28, 2024

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: KING TUT(S) & WINDWARD FED RELEASES

Enclosed are the results of analyses for samples received by the laboratory on 03/27/24 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/27/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: FS - 4 (H241599-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.107		
Toluene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.267		
Ethylbenzene*	<0.050	0.050	03/27/2024	ND	2.12	106	2.00	0.127		
Total Xylenes*	<0.150	0.150	03/27/2024	ND	6.38	106	6.00	0.0134		
Total BTX	<0.300	0.300	03/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	03/28/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	230	115	200	6.99	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	232	116	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/27/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: FS - 5 (H241599-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.107	
Toluene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.267	
Ethylbenzene*	<0.050	0.050	03/27/2024	ND	2.12	106	2.00	0.127	
Total Xylenes*	<0.150	0.150	03/27/2024	ND	6.38	106	6.00	0.0134	
Total BTX	<0.300	0.300	03/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	03/28/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	230	115	200	6.99	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	232	116	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/27/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: FS - 6 (H241599-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.107	
Toluene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.267	
Ethylbenzene*	<0.050	0.050	03/27/2024	ND	2.12	106	2.00	0.127	
Total Xylenes*	<0.150	0.150	03/27/2024	ND	6.38	106	6.00	0.0134	
Total BTX	<0.300	0.300	03/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	03/28/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	230	115	200	6.99	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	232	116	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/27/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: FS - 7 (H241599-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.107		
Toluene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.267		
Ethylbenzene*	<0.050	0.050	03/27/2024	ND	2.12	106	2.00	0.127		
Total Xylenes*	<0.150	0.150	03/27/2024	ND	6.38	106	6.00	0.0134		
Total BTEx	<0.300	0.300	03/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	03/28/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	230	115	200	6.99	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	232	116	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/27/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: NSW - 2 (H241599-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.107		
Toluene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.267		
Ethylbenzene*	<0.050	0.050	03/27/2024	ND	2.12	106	2.00	0.127		
Total Xylenes*	<0.150	0.150	03/27/2024	ND	6.38	106	6.00	0.0134		
Total BTX	<0.300	0.300	03/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/28/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	230	115	200	6.99	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	232	116	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/27/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: SSW - 2 (H241599-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.107		
Toluene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.267		
Ethylbenzene*	<0.050	0.050	03/27/2024	ND	2.12	106	2.00	0.127		
Total Xylenes*	<0.150	0.150	03/27/2024	ND	6.38	106	6.00	0.0134		
Total BTEx	<0.300	0.300	03/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/28/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	230	115	200	6.99	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	232	116	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/27/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: ESW - 2 (H241599-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.107		
Toluene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.267		
Ethylbenzene*	<0.050	0.050	03/27/2024	ND	2.12	106	2.00	0.127		
Total Xylenes*	<0.150	0.150	03/27/2024	ND	6.38	106	6.00	0.0134		
Total BTX	<0.300	0.300	03/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/28/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	230	115	200	6.99	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	232	116	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/27/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: WSW - 2 (H241599-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.107		
Toluene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.267		
Ethylbenzene*	<0.050	0.050	03/27/2024	ND	2.12	106	2.00	0.127		
Total Xylenes*	<0.150	0.150	03/27/2024	ND	6.38	106	6.00	0.0134		
Total BTEx	<0.300	0.300	03/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	03/28/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	230	115	200	6.99	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	232	116	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



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

March 28, 2024

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: KING TUT(S) & WINDWARD FED RELEASES

Enclosed are the results of analyses for samples received by the laboratory on 03/28/24 13:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/28/2024	Sampling Date:	03/28/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	KING TUT(S) & WINDWARD FED RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02999A	Sample Received By:	Tamara Oldaker
Project Location:	COP- LEA CO NM		

Sample ID: NSW - 1 (2') (H241631-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2024	ND	2.15	108	2.00	4.29	
Toluene*	<0.050	0.050	03/28/2024	ND	2.10	105	2.00	4.59	
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.04	102	2.00	4.65	
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.95	99.1	6.00	4.45	
Total BTEX	<0.300	0.300	03/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	215	107	200	15.6	
DRO >C10-C28*	13.1	10.0	03/28/2024	ND	207	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	
Project Manager: Sam Abbott		P.O. #:	
Address: 8911 Capital o Texas Hwy, Suite 2310		Company: Tetra Tech	
City: Austin	State: TX Zip:	Attn: Sam Abbott	
Phone #: (512)565-0190	Fax #:	Address: EMAIL	
Project #: 212C-MD-02899A	Project Owner: ConocoPhillips	City:	
Project Name: King Tud(s) & Windward Federal Releases		State: Zip:	
Project Location: Lea County, New Mexico		Phone #:	
Sampler Name: Colton Bickstaff		Fax #:	
FOR LAB USE ONLY		PRESERV. SAMPLING	
Lab I.D.	Sample I.D.		
	(G) GRAB OR (C) COMP.		
	# CONTAINERS		
	GROUNDWATER		
	WASTEWATER		
	SOIL		
	OIL		
	SLUDGE		
	OTHER :		
	ACID/BASE:		
	ICE / COOL		
	OTHER :		
	DATE		
	TIME		
	TPH 8015M		
	BTEX 8021B		
	Chloride SM4500CI-B		
	RUSH		

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Relinquished By: Colton Bickstaff	Date: 03/28/24	Received By:	Time: 1:37
Relinquished By:	Date:	Received By:	Time:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Sample Condition Cool: Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cool: No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) V.O.
Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Rush TAT		Thermometer ID: #140 Correction Factor: 0.5°C	
All Results are emailed. Please provide Email address: Sam.Abbott@tetratech.com AND Christian.L.Will@tetratech.com		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
REMARKS: Same Day RUSH TAT		Add'l Phone #:	

FORM-006 R 3.2 10/07/21

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

APPENDIX F

Waste Manifests



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 233573

Start: 03/25/2024 09:35 AM

End: 03/25/2024 09:41 AM

By: owl.adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	0	18	\$0.01	\$0.18
Hauler: McNabb Partners Driver: Victor Manzano Lease: King Tut Federal Well: 001H AFE #: N/A County, State: LEA (NM) SPT #: 3002541542 Company Man: Ike Tavaréz Site Map 3 Number: N/A Trucking Co Ticket #: N/A Truck Type: Dump Truck UDM: CUD UDM Count: 18 PF Test Result: Pass H2S Test: Pass				
H2S Testing	1	1	\$0.00	\$0.00
Paint Filter - PASS	1	1	\$0.00	\$0.00
NORM - PASS	1	1	\$0.00	\$0.00
Aerial Photos	1	1	\$0.00	\$0.00
22	0.0 lbs		\$0.01	\$0.18

SUBTOTAL --> \$0.18
TAX --> \$0.01
ROUNDING --> \$0.00
TOTAL --> \$0.19

Date	Type	Amount
	CASH	\$0.19

Customer: ConocoPhillips Company
Driver: Karen Work



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 233596
Start: 03/25/2024 10:34 AM
End: 03/25/2024 10:45 AM
By: owl.adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	0	18	\$0.01	\$0.18
Hauler: McNabb Partners Driver: Victor Manzano Lease: King Tut Federal Well: 001H AFE #: N/A County, State: LEA (NM) API #: 3002541542 Client Company Man: Ike Tavarez Rig Name & Number: N/A Trucking Co Ticket #: N/A Truck Type: Dump Truck UOM: CuYd UOM Count: 18 PF Test Result: Pass HPS Test: Pass				
HPS Testing - PASS	1	0	1	\$0.00
Paint Filter - PASS	1	0	1	\$0.00
NORM - PASS	1	0	1	\$0.00
Additional Photos	1	0	1	\$0.00
22		0.0 lbs	\$0.01	\$0.18

SUBTOTAL ----> \$0.18
TAX ----> \$0.01
ROUNDING ----> \$0.00
TOTAL ----> \$0.19

Date	Type	Amount
	CASH	\$0.19

Customer: ConocoPhillips Company
Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 233620

Start: 03/25/2024 11:32 AM

End: 03/26/2024 11:41 AM

By: cwl,aden

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	\$0.01	\$0.18
Hauler: Nakkab Partners				
Driver: Victor Manzano				
Leaser: King Tut Federal				
Well: OC14				
APE #: N/A				
County, State: LEA (NV)				
API #: 3002541542				
Client Company Name: Ike Tavaraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Durd				
JOM Count: 18				
RF Test Result: pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
22		0.0 lbs	\$0.01	\$0.18

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 233655

Start: 03/25/2024 12:43 PM

End: 03/25/2024 12:52 PM

By: cwl.jazmine

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
116	0	18	10.01	\$0.18
Hauler: Nkatab Partners				
Driver: Victor Matzand				
Lease: King 1st Federal				
Well: OC-1				
AFE #: N/A				
County, Spatter LBA (NY)				
API #: 3002341542				
Client Company Name: Ice Taveraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Durd				
JOM Count: 12				
RF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
0	1	10.00		\$0.00
Paint Filter - PASS				
0	1	10.00		\$0.00
WORM - PASS				
0	1	10.00		\$0.00
Additional Photos				
0	1	10.00		\$0.00
22	0.0 lbs	10.01		\$0.18

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company
Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 233676
 Start: 03/25/2024 01:10 PM
 End: 03/25/2024 01:54 PM
 By: cal.jazmine

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	0	18	10.01	\$0.18

Hauler: McNabb Partners
 Driver: Victor Menzano
 Lease: King Tut Federal
 Well: OC-1
 AFE #: N/A
 County, State: LEA (NV)
 API #: 3002541542
 Client Company Name: Ice Lavarez
 License & Number: N/A
 Trailing 50 Ticket #: N/A
 Truck Type: Dump Truck
 Units: 18
 RF Test Result: Pass
 H2S Test: Pass

H2S Testing - PASS	0	1	10.00	\$0.00
--------------------	---	---	-------	--------

Paint Filter - PASS	0	1	10.00	\$0.00
---------------------	---	---	-------	--------

VORM - PASS	0	1	10.00	\$0.00
-------------	---	---	-------	--------

Additional Photos	0	1	10.00	\$0.00
-------------------	---	---	-------	--------

22	0.0 lbs	10.01	\$0.18
----	---------	-------	--------

SUBTOTAL ---> \$0.18

TAX ---> \$0.01

ROUNDING ---> \$0.00

TOTAL ---> \$0.19

Customer: EOG Resources



Customer Copy

WEIGHT TICKET

Ticket # 233705

Start: 03/25/2024 02:48 PM

End: 03/25/2024 03:05 PM

By: cwl.jazwire

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	10.01	\$0.18
Hauler: McNabb Partners				
Driver: Victor Menzies				
Lease: King Tut Federal				
Well: 00-1				
REF: N/A				
County, State: LEA (NY)				
API #: 5002541542				
Client Company: Marc Ice Taveraz				
Truck Name & Number: 47A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: 0000				
JOM Count:				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	10.00	\$0.00
Paint Filter - PASS				
1	0	1	10.00	\$0.00
NORM - PASS				
1	0	1	10.00	\$0.00
Additional Photos				
1	0	1	10.00	\$0.00
22	0.0 lbs		10.01	\$0.18
SUBTOTAL --->				\$0.18
TAX --->				\$0.01
ROUNDING --->				\$0.00
TOTAL --->				\$0.19

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 235894

Start: 03/22/2024 09:46 AM

End: 03/26/2024 09:52 AM

Browlادن

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	\$0.01	\$0.16
Hauler: Nakhb Partners				
Driver: Victor Manzano				
Lease: King Tut Federal				
Well: OC14				
AFE #: N/A				
County, State: LBA (NY)				
API #: 6002541542				
Client Company: Man: Ice Javarez				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Curyd				
JOM Count: 16				
PE Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
20	0.0 lbs		\$0.01	\$0.16

SUBTOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 233897

Start: 03/25/2024 10:10 AM

End: 03/26/2024 10:07 AM

By: awl.amy

GROSS	TAKE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	10.01	\$0.18
Hauler: Nakabo Partners				
Driver: Asia Mayberry				
Lease: King Tut Federal				
Well: OC14				
APE #: N/A				
County, State: LEA (NV)				
API #: 3002341542				
Manifest #: 10				
Client Company Name: Asia Mayberry				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Belly Dumps				
JOM: Jurd				
JOM Count: 18				
RF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
0	1	10.00		\$0.00
Paint Filter - PASS				
0	1	10.00		\$0.00
NORM - PASS				
0	1	10.00		\$0.00
Additional Photos				
0	1	10.00		\$0.00
22	0.0 lbs	10.01		\$0.18

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

King Tut DASH

Truck # 83

ACIE



Customer Copy

WEIGHT TICKET

Ticket # 233920

Start: 03/23/2024 10:13 AM

End: 03/26/2024 11:08 AM

By: cwl.adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	\$0.01	\$0.16
Hauler: McKabb Partner				
Driver: Victor Manzano				
Lease: King Tut Federal				
Well: OCT-4				
APR #: N/A				
County, Spates LEA (NY)				
API #: 8002541542				
Client Company: Man: Ike Tavaraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Durd				
JOM Count: 16				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
3		1	\$0.00	\$0.00
Paint Filter - PASS				
3		1	\$0.00	\$0.00
NORM - PASS				
3		1	\$0.00	\$0.00
Additional Photos				
3		1	\$0.00	\$0.00
20		0.0 lbs	\$0.01	\$0.16

SUBTOTAL ----> \$0.16
 TAX ----> \$0.01
 ROUNDING ----> \$0.00
 TOTAL ----> \$0.17

Customer: ConocoPhillips Company
 Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 238931

Start: 03/25/2024 11:15 AM

End: 03/26/2024 11:24 AM

B/cwloaden

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	10.01	\$0.18
Hauler: Mohabb Partners				
Driver: Asia Mayberry				
Lease: King Tut Federal				
Well: OC-1				
AGE #: N/A				
County, State: LBA (NY)				
API #: 3002541542				
Client Company Name: Ixe Tavaraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Belly Dumps				
JOM: Dwyd				
JOM Count: 18				
RF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS	0	1	10.00	\$0.00
Paint Filter - PASS	0	1	10.00	\$0.00
NORM - PASS	0	1	10.00	\$0.00
Additional Photos	0	1	10.00	\$0.00
22	0.0 lbs		10.01	\$0.18

SUBTOTAL ----> \$0.18
 TAX ----> \$0.01
 ROUNDING ----> \$0.00
 TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

King Tut 0434

Truck M 83

Acce



Customer Copy

-----WEIGHT TICKET-----

Ticket # 233953

Start: 03/23/2024 12:14 PM

End: 03/26/2024 12:13 PM

By: CML, aden

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	10.01	\$0.16
Hauler: McNabb Partners				
Driver: Victor Manzana				
Lease: King Tut Federal				
Well: OC-1				
AFE #: N/A				
County, State: LEA (NM)				
API #: 3002541542				
Client Company Name: Ice Tavaraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Dwyd				
JOM Count: 18				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	10.00	\$0.00
Paint Filter - PASS				
1	0	1	10.00	\$0.00
NORM - PASS				
1	0	1	10.00	\$0.00
Additional Photos				
1	0	1	10.00	\$0.00
20		0.0 lbs	10.01	\$0.16

SUBTOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 233973

Start: 03/25/2024 12:45 PM

End: 03/26/2024 12:58 PM

B/cowl,adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	10.01	\$0.18
Hauler: McKabb Partners				
Driver: Asia Mayberry				
Lease: King Tut Federal				
Wells: OC-4				
AFE #: N/A				
County: Shasta LBA (N/A)				
API #: 0002541542				
Client Company: Mario Ibarra				
Trig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Belly Dumps				
JOM: Durd				
JOM Count: 18				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	10.00	\$0.00
Paint Filter - PASS				
1	0	1	10.00	\$0.00
NORM - PASS				
1	0	1	10.00	\$0.00
Additional Photos				
1	0	1	10.00	\$0.00
22	0.0 lbs	22	10.01	\$0.18

SUBTOTAL ---> \$0.18

TAX ---> \$0.01

ROUNDING ---> \$0.00

TOTAL ---> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

King Tut 003 H

Truck M83

Acie



Customer Copy

WEIGHT TICKET

Ticket # 234019

Start: 03/25/2024 02:48 PM

End: 03/26/2024 02:51 PM

B/COW/1.adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	10.01	\$0.18
Hauler: McNabb Partners Driver: Angie Mayberry Lease: King Tut Federal Well: OC-1 AFE #: N/A County, Spatter LEA (N/A) API #: 3002541542 Client Company Man: Ica Iavarez Rig Name & Number: N/A Trucking Co Ticket #: N/A Truck Type: Belly Dumps JOM: Durd JOM Count: 18 PF Test Result: Pass H2S Test: Pass				
H2S Testing - PASS	0	1	10.00	\$0.00
Paint Filter - PASS	0	1	10.00	\$0.00
NORM - PASS	0	1	10.00	\$0.00
Additional Photos	0	1	10.00	\$0.00
22		22.00 lbs	10.01	\$0.18
SUBTOTAL ---->				\$0.18
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

King Tut 003 H

Track M83

ACIE



Customer Copy

WEIGHT TICKET

Ticket # 234632

Start: 03/25/2024 09:46 AM

End: 03/25/2024 09:51 AM

By: cwl.jayden

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	\$0.01	\$0.18
Hauler: McNabb Partners				
Driver: Jeremy Ortega				
Lease: King Tut Fed				
Well: OC14				
AFE #: N/A				
County, State: LEA (NY)				
API #: 6002541542				
Client Company Name: Ice Tavaroz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Durd				
JOM Count: 18				
RF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
22		0.0 lbs	\$0.01	\$0.18

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 234629

Start: 03/28/2024 09:41 AM

End: 03/28/2024 09:51 AM

By: awl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	\$0.01	\$0.16
Hauler: No Nabb Partners				
Driver: Victor Manzano				
Lease: King Tut				
Well: OC14				
APE #: N/A				
County, State: LEA (NV)				
API #: N/A				
Manifest #: 17				
Client Company Name: Ice Taveraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Guind				
JOM Count: 16				
RF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
20	0.0 lbs		\$0.01	\$0.16

SUBTOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 234662

Start: 03/23/2024 11:01 AM

End: 03/26/2024 11:08 AM

By: DWLgeraldine

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	\$0.01	\$0.16
Hauler: McKabb				
Driver: Victor Manzano				
Lease: King Tut				
Well: OCT4				
AFE #: N/A				
County: Seater Dump Truck				
API #: N/A				
Manifest #: N/A				
Client Company Name: Ixwe Tavaréz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Durd				
JOM Count: 16				
PF Test Results: Pass				
H2S Test: Pass				
H2S Testing - PASS	0	1	\$0.00	\$0.00
Paint Filter - PASS	0	1	\$0.00	\$0.00
NORM - PASS	0	1	\$0.00	\$0.00
Additional Photos	0	1	\$0.00	\$0.00
20	0.0 lbs		\$0.01	\$0.16
SUBTOTAL ---->				\$0.16
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 234664

Start: 03/26/2024 11:16 AM

End: 03/26/2024 11:11 AM

By: owl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	10.01	\$0.16
Hauler: McNabb				
Driver: Jany Ortega				
Lease: King Tut				
Well: OCH				
AFE #: N/A				
County, States LEA (N/A)				
API #: N/A				
Manifest #: N/A				
Client Company Man: Ike Tavaraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Durd				
JOM Count: 16				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	10.00	\$0.00
Paint Filter - PASS				
1	0	1	10.00	\$0.00
NDRM - PASS				
1	0	1	10.00	\$0.00
Additional Photos				
1	0	1	10.00	\$0.00
20		0.0 lbs	10.01	\$0.16

SUBTOTAL ----> \$0.16
 TAX ----> \$0.01
 ROUNDING ----> \$0.00
 TOTAL ----> \$0.17

Customer: ConocoPhillips Company
 Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 234696

Start: 03/28/2024 12:15 PM

End: 03/28/2024 12:51 PM

By: cwl.jaycen

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	\$0.01	\$0.16
Hauler: McNabb Partners				
Driver: Victor Martinez				
Lease: King Tut Pad				
Well: OC-4				
WFE #: N/A				
County: Spotsylvania (VA)				
API #: 5002541542				
Client Company Name: Ixe Tavaraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Cuyd				
JOM Count: 16				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
20		0.0 lbs	\$0.01	\$0.16

SUBTOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 234697

Start: 03/28/2024 12:19 PM

End: 03/28/2024 12:30 PM

By: twl.jaycer

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	10.01	\$0.16
Hauler: Monabb Partners				
Driver: Jeremy Ortega				
Lease: King Tut Pad				
Well: OC14				
AFE #: N/A				
County, State: LEA (NM)				
API #: 3002341542				
Client Company Name: Ice Taveraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Durd				
JOM Count: 16				
RF Test Result: Pass				
42S Test: Pass				
42S Testing - PASS				
1	0	1	10.00	\$0.00
Paint Filter - PASS				
1	0	1	10.00	\$0.00
NDRM - PASS				
1	0	1	10.00	\$0.00
Additional Photos				
1	0	1	10.00	\$0.00
20		0.0 lbs	10.01	\$0.16

SUBTOTAL ----> \$0.16
TAX ----> \$0.01
ROUNDING ----> \$0.00
TOTAL ----> \$0.17

Customer: ConocoPhillips Company
Driver: Karen Work



WEIGHT TICKET

Ticket # 234963

Start: 03/28/2024 09:14 AM

End: 03/28/2024 09:53 AM

By: JWLgeraldine

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	10.01	\$0.16
Hauler: McNabb Driver: Victor Manzano Lease: King Int Well: OCT-4 AFE #: N/A County: States LEA (N/A) API #: N/A Client Company: Man: Joe Tavaraz Rig Name & Number: N/A Trucking Co Ticket #: N/A Truck Type: Dump Truck JOM: Juyd JOM Count: 18 RF Test Result: Pass H2S Test: Pass				
H2S Testing - PASS	0	1	10.00	\$0.00
Paint Filter - PASS	0	1	10.00	\$0.00
NORM - PASS	0	1	10.00	\$0.00
Additional Photos	0	1	10.00	\$0.00
20		0.0 lbs	10.01	\$0.16

Victor

SUBTOTAL ----> \$0.16
 TAX ----> \$0.01
 ROUNDING ----> \$0.00
 TOTAL ----> \$0.17

Customer: ConocoPhillips Company
 Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 234976

Start: 03/25/2024 11:02 AM

End: 03/25/2024 11:11 AM

B: C.W.L. Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	10.01	\$0.16
Hauler: Nakabb Partners				
Driver: Victor Manzana				
Lease: King Tut Fed				
Well: OC-1				
APC #: N/A				
County, State: LEA (NM)				
API #: 0002541542				
Manifest #: 23				
Client Company Name: Ixe Javarez				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Durd				
JOM Count: 16				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	10.00	\$0.00
Paint Filter - PASS				
1	0	1	10.00	\$0.00
NORM - PASS				
1	0	1	10.00	\$0.00
Additional Photos				
1	0	1	10.00	\$0.00
20	0.0 lbs		10.01	\$0.16

SUBTOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karan Work



Customer Copy

WEIGHT TICKET

Ticket # 234992

Start: 03/22/2024 12:14 PM

End: 03/26/2024 12:00 PM

By: cal.jayden

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	10.01	\$0.16
Hauler: McNabb Partners				
Driver: Victor Mezano				
Lease: King Tut Pad				
Well: OC-1				
County, State: LEA (NY)				
API #: 3002541542				
Manifest #: 24				
Client Company Name: Ice Tavaraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Durd				
JOM Count: 16				
RF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	10.00	\$0.00
Paint Filter - PASS				
1	0	1	10.00	\$0.00
NORM - PASS				
1	0	1	10.00	\$0.00
Additional Photos				
1	0	1	10.00	\$0.00
20	0.0 lbs		10.01	\$0.16

SUBTOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work



Customer Copy

WEIGHT TICKET

Ticket # 235011

Start: 03/18/2024 01:19 PM

End: 03/18/2024 01:21 PM

Bridgeway, Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	10.01	\$0.16
Hauler: McNabb Partners Driver: Victor Manzano Lease: King Tut Fed Mail: 0001 AFE #: N/A County, State: LEA (NV) API #: 3002541542 Client Company Name: Ixe Iavarez Rig Name & Number: N/A Trucking Co Ticket #: N/A Truck Type: Dump Truck JOM: Durd JOM Court: 16 PF Test Result: Pass H2S Test: Pass				
H2S Testing - PASS	0	1	10.00	\$0.00
Paint Filter - PASS	0	1	10.00	\$0.00
NORM - PASS	0	1	10.00	\$0.00
Additional Photos	0	1	10.00	\$0.00
20		10.0 lbs	10.01	\$0.16
SUBTOTAL ---->				\$0.16
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.17

 Customer: ConocoPhillips Company
 Driver: Karen Work



---WEIGHT TICKET---

Ticket # 235467

Start: 04/01/2024 09:21 AM

End: 04/01/2024 09:58 AM

By: owl_jayce

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	0	16	10.01	\$0.16
Hauler: McNabb Partners				
Driver: Victor Manzana				
Lease: King Tut Federal				
Well: OC-1				
County, State: LEA (NY)				
API #: 3002541542				
Client Company Name: Ike Taveraz				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
JOM: Gurd				
JOM Count: 16				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
0		1	10.00	\$0.00
Paint Filter - PASS				
0		1	10.00	\$0.00
NORM - PASS				
0		1	10.00	\$0.00
Additional Photos				
0		1	10.00	\$0.00
20		0.0 lbs	10.01	\$0.16

SUE TOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

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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

QUESTIONS

Action 335293

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID:
	217955
	Action Number:
	335293
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1905046526
Incident Name	NAB1905046526 KING TUT FEDERAL #001H @ 30-025-41542
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-41542] KING TUT FEDERAL #001H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	KING TUT FEDERAL #001H
Date Release Discovered	02/08/2019
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 10 BBL Recovered: 5 BBL Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Condensate Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure Flow Line - Production Natural Gas Vented Released: 0 MCF Recovered: 0 MCF Lost: 0 MCF.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Flow Line - Production Natural Gas Flared Released: 0 MCF Recovered: 0 MCF Lost: 0 MCF.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	NA

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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

QUESTIONS, Page 2

Action 335293

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID:
	217955
	Action Number:
	335293
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS**Nature and Volume of Release (continued)**

Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 04/19/2024
--	--

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

QUESTIONS, Page 3

Action 335293

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 335293
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	15100
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	17.6
GRO+DRO (EPA SW-846 Method 8015M)	17.6
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	04/11/2024
On what date will (or did) the final sampling or liner inspection occur	04/17/2024
On what date will (or was) the remediation complete(d)	04/18/2024
What is the estimated surface area (in square feet) that will be reclaimed	3775
What is the estimated volume (in cubic yards) that will be reclaimed	560
What is the estimated surface area (in square feet) that will be remediated	3775
What is the estimated volume (in cubic yards) that will be remediated	560

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4
Action 335293

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID:	217955
	Action Number:	335293
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 04/19/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 335293

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 335293
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 335293

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID:
	217955
	Action Number:
	335293
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	325649
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/26/2024
What was the (estimated) number of samples that were to be gathered	16
What was the sampling surface area in square feet	3200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2998
What was the total volume (cubic yards) remediated	484
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	2998
What was the total volume (in cubic yards) reclaimed	484
Summarize any additional remediation activities not included by answers (above)	NA

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com Date: 04/19/2024
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QUESTIONS, Page 7

Action 335293

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID:	217955
	Action Number:	335293
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Reclamation Report**

Only answer the questions in this group if all reclamation steps have been completed.

Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	2998
What was the total volume of replacement material (in cubic yards) for this site	484

Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.

Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	04/03/2024

Summarize any additional reclamation activities not included by answers (above)	NA
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The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.

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.

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 04/19/2024
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QUESTIONS, Page 8

Action 335293

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 335293
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Action 335293

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID:
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	Action Number:
	335293
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure and reclamation report approved. A revegetation will need to be submitted prior to this incident reaching the final status of "Revegetation Approved, Restoration Complete". A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	4/22/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved.	4/22/2024
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	4/22/2024