

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

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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

cc:

Mr. Ike Tavarez, RMR - ConocoPhillips

Christian M. Llull, P.G. Program Manager

ConocoPhillips

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map

Figure 2 – Topographic Map

Figure 3 – Approximate Release Extent and 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

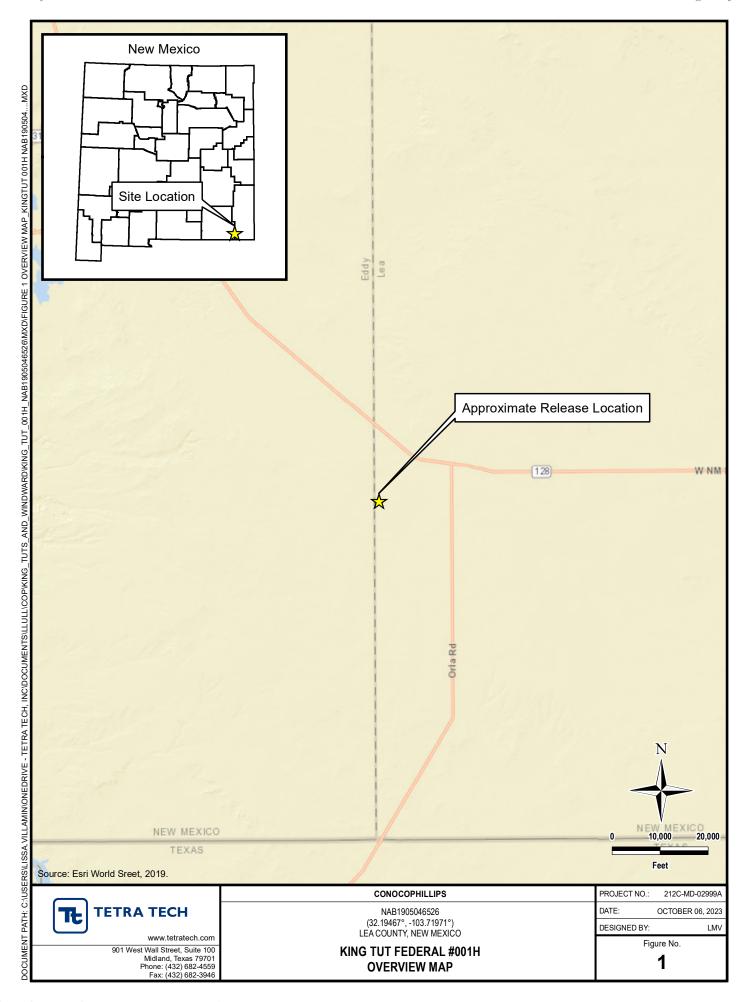
Appendix C – Regulatory Correspondence

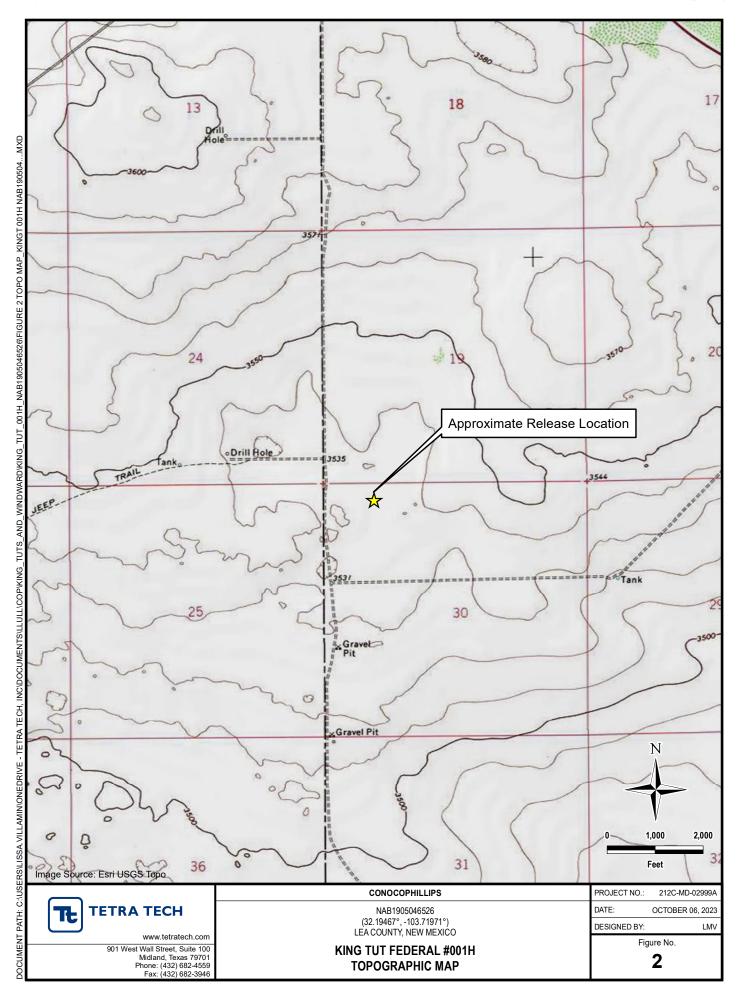
Appendix D – Photographic Documentation

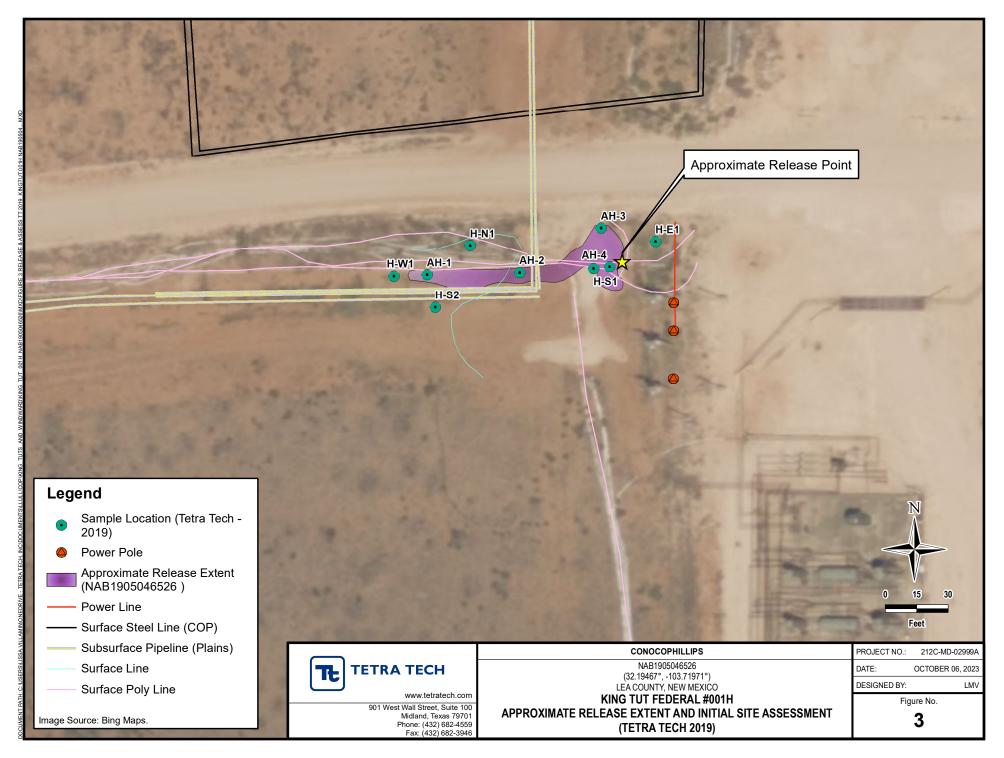
Appendix E – Laboratory Analytical Data

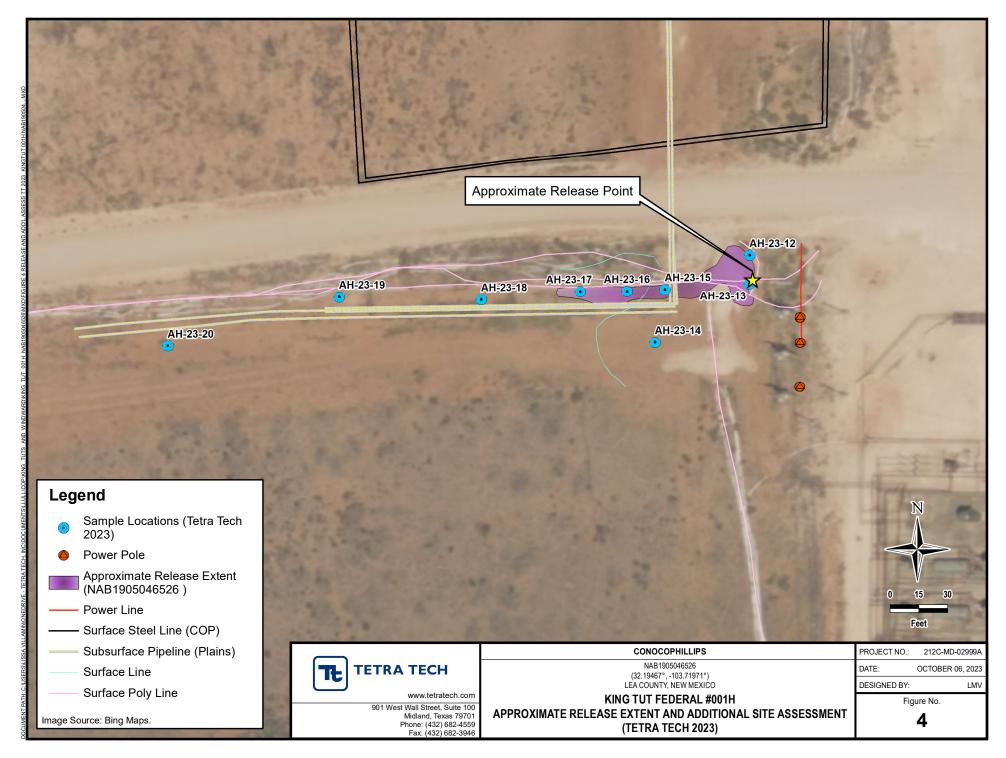
Appendix F – Waste Manifests

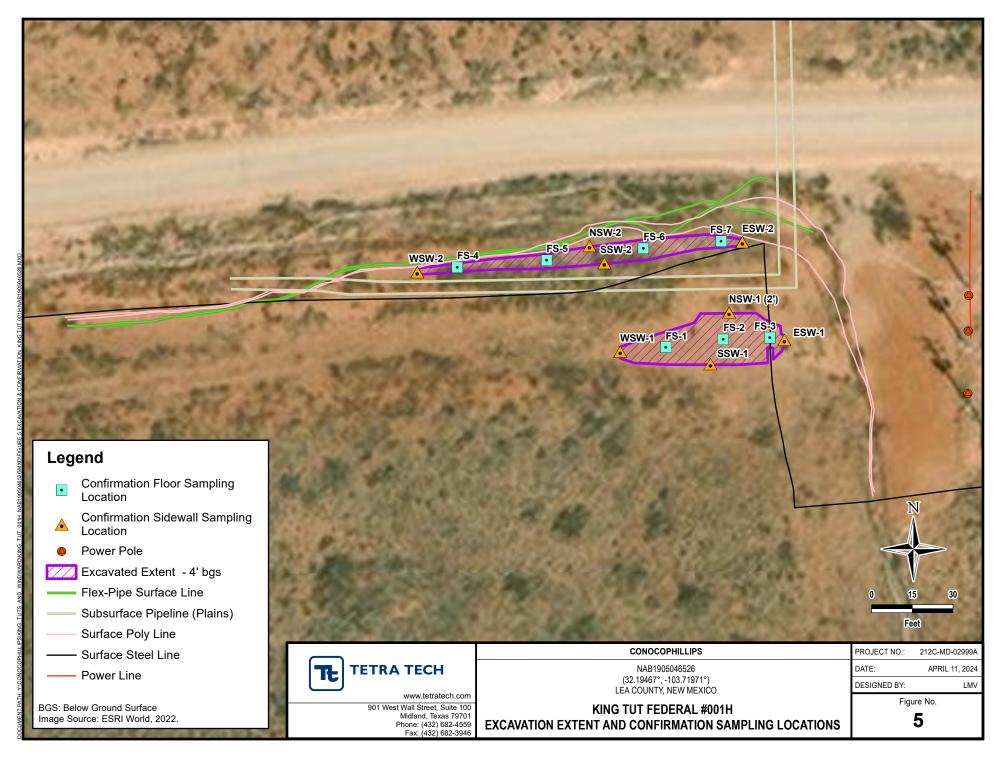
FIGURES











TABLES

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TABLE 1

SUMMARY OF ANALYTICAL RESULTS

2019 INITIAL SOIL ASSESSMENT - nAB1905046526

CONOCOPHILLIPS

KING TUT FEDERAL #001H RELEASE LEA COUNTY, NEW MEXICO

		Sample Donth	Chlarida ¹					BTEX ²											TPI	H ³		
Sample ID	Sample Date	Sample Depth	Chloride ¹	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	mg/kg
		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
AH-1	2/20/2019	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	4	NA		NA		NA		NA	_	NA
		9-9.5	1,130	NA	NA		NA	NA		NA		NA	4	NA		NA		NA		NA	_	NA
		10	1,350	NA	NA		NA	NA		NA		NA		NA		NA		NA		NA		NA
		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	\perp	NA		NA		NA		NA		NA
		4-4.5	4,170	NA	NA		NA	NA		NA		NA	\perp	NA]	NA		NA		NA	\perp	NA
AH-2	2/20/2019	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	4	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		NA
		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
AH-3	2/20/2019	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	4	NA		NA		NA		NA	_	NA
		10	7,730	NA	NA		NA	NA		NA		NA	<u> </u>	NA		NA		NA		NA		NA
		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	Ш	NA	NA		NA		NA	4	NA		NA		NA		NA		NA
AH-4	2/20/2019	3-3.5	52.3	NA	NA		NA	NA		NA		NA		NA		NA		NA		NA		NA
		4-4.5	14.5	NA	NA	Ш	NA	NA		NA	_	NA		NA		NA		NA		NA		NA
		5-5.5	22.4	NA	NA	\square	NA	NA		NA		NA	4	NA	_	NA		NA		NA		NA
		6-6.5	99.6	NA	NA	\vdash	NA	NA		NA	_	NA	\downarrow	NA	_	NA		NA		NA	\bot	NA
		7-7.5	206	NA	NA	Щ	NA	NA		NA		NA	<u> </u>	NA	[NA		NA		NA	<u> </u>	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	T	<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	Ŧ	<0.00200	寸	<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	\dashv	<15.0	+	<15.0
	, ·	-						<0.00399		<0.00200	\rightarrow	<0.00200	+		\dashv	<15.0		17.6		<15.0	+	
Horizontal East 1	2/20/2019	_	254	< 0.00200	0.00251	1	<0.00200							0.00251					1		1	17.6

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram TPH Total Petroleum Hydrocarbons

QUALIFIERS:

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

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

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

								BTEX ²								Т	PH ³		
Campula ID	Carrella Data	Sample Depth	Chloric	de	D	_	Talaaaa	Esh allo a conse	T-4-LV-1		T-+-1 D	FEW	GRO		DRO		EXT DF	RO	Total TPH
Sample ID	Sample Date				Benzer	ie	Toluene	Ethylbenzene	Total Xyl	enes	Total B	IEX	C ₆ - C ₁	10	> C ₁₀ -	C ₂₈	> C ₂₈ -	C ₃₆	(GRO+DRO+EXT DRO)
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg Q	mg/kg Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
		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		-
AH-23-12	9/7/2023	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		-
		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		-
AH-23-13	9/7/2023	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		-
		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		-
AH-23-14	9/7/2023	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		-
		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		-
AH-23-15	9/7/2023	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		-
		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		-
AH-23-16	9/7/2023	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		-
		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		-
AH-23-17	9/7/2023	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		-
		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		-
AH-23-18	9/7/2023	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		-
		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		-
AH-23-19	9/7/2023	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		-

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TABLE 2 SUMMARY OF ANALYTICAL RESULTS

2023 ADDITIONAL SOIL ASSESSMENT- nAB1905046526

CONOCOPHILLIPS

KING TUT #001 RELEASE

LEA COUNTY, NM

									ВТЕХ	2								TI	PH ³																
Sample ID	Sample Date	Sample Depth	Chloric	Chloride		Chloride		Chloride		Chloride		Chloride		Chloride		Chloride		Chloride		••	Toluer	••	Ethylben		Total Xyl	2000	Total B1	rev	GRO		DRO		EXT DF	RO	Total TPH
Sample ID	Sample Date				Benzer	ie	Toluer	ie	Ethylben	zene	TOTAL AYI	enes	TOLATE	IEX	C ₆ - C ₁	10	> C ₁₀ - (C ₂₈	> C ₂₈ - (C ₃₆	(GRO+DRO+EXT DRO)														
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg														
		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		-														
AH-23-20	9/7/2023	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

Method 8015M

2 Method 8021B

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

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

									BTEX	2								T	PH ³		
Sample ID	Sample Date	Sample Depth	Chloric	de¹	Benzei	20	Toluer	10	Ethylhon	7000	Total Xyl	onos	Total B	TEV	GRO		DRO		EXT DE	RO	Total TPH
Sample 15	Sample Date		Benzene Toluene Ethylbenzene		Total Aylenes Total DTEX		C ₆ - C ₁₀		> C ₁₀ -	C ₂₈	> C ₂₈ -	C ₃₆	(GRO+DRO+EXT DRO)								
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
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

								ВТЕХ	2								T	PH ³		
Sample ID	Sample Date	Chlorid	le ¹	Ronzo	20	Toluen		Ethylben	ono	Total Xyl	nos	Total BT	·EV	GRO		DRO		EXT DR	0	Total TPH
Sample 1D	Sample Date			Benzei	ne	Toluel	le	Ethylbeni	zene	TOLAI AYI	enes	IOldi Bi	ΕΛ	C ₆ - C ₁	0	> C ₁₀ - 0	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, Midlar	nd, Texas 79701	
00.40403	Location of R		74074
Latitude 32.19467		Longitude	3.71971
	(NAD 83 in decimal deg	rees to 5 decimal places)	
Site Name	King Tut Federal #001H	Site Type FI	owline
Date Release Discovered	ebruary 8, 2019	API# (if applicable) 30	0-025-41542 ** _{AB}

Unit LetterSectionTownshipRangeCountyD3024S32ELea

Surface Owner: State Federal Tribal Private (Name:

Nature and Volume of Release

Material	(s) Released (Select all that apply and attach calculations or specific	justification for the volumes provided below)
Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 10	Volume Recovered (bbls) 5
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	■ Yes □ No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
-	·	

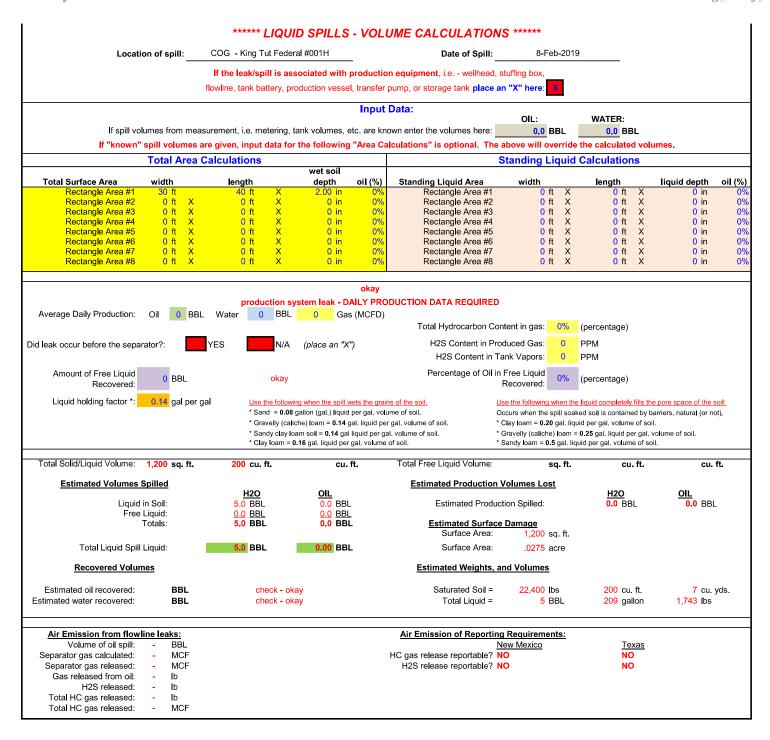
Cause of Release

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.

77.77	~ ~	0 1		-
DHOO	OF B	XO T	- 18 B	w
Page	A 1	w_L	' A. E	fair
- 00			A.F.	

Incident ID	NAB1905046526
District RP	1RP-5369
Facility ID	
Application ID	nAB1905046264

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ■ No If YES, was immediate n	If YES, for what reason(s) does the respondence of	nsible party consider this a major release? nom? When and by what means (phone, email, etc)?				
	Initial R	esponse				
The responsible	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury				
■ The source of the rele ■ The impacted area ha	ease has been stopped. as been secured to protect human health and	the environment.				
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.				
	ecoverable materials have been removed an d above have <u>not</u> been undertaken, explain					
		emediation immediately after discovery of a release. If remediation				
		efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.				
regulations all operators are public health or the environment failed to adequately investigulation, OCD acceptance of and/or regulations.	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a threaf a C-141 report does not relieve the operator of	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws				
Printed Name: DeAn	n Grant	Title: HSE Administrative Assistant				
Printed Name: DeAnn Grant Signature: Deann Open Date: HSE Administrative Assistant Deann Open Date: 2/11/2019						
email: agrant@co	ncho.com	Date: 2/11/2019 Telephone: (432) 253-4513				
OCD Only Received by:	atamente-	Date: 2/19/2019				



	Page 23 of 11	12
Incident ID	nAB1905046526	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

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

>100 (ft bgs)
Yes 🗸 No
Yes 🗸 No
Yes 🗸 No
Yes 🗹 No
Yes 🗸 No
☐ Yes 🗸 No
Yes 🗸 No
Yes 🗸 No
Yes V No
Yes V No
Yes V No
Yes 🗸 No
cal extents of soil

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.

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D	nAB1905046526	

Incident ID	nAB1905046526
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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 Date: 12/8/2023 email: Ike.Tavarez@conocophillips.com Telephone: 432-685-2573 **OCD Only** Received by: Date: _____

Received by OCD: 4/19/2024 10:26:22 AM State of New Mexico Page 5

Oil Conservation Division

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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(Proposed schedule for remediation (note if remediation plan timely							
1 Toposed selecture for remediation (note in remediation plan dimen	ne is more than 70 days 600 approvar is required)						
Deferral Requests Only: Each of the following items must be confit	rmed 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, t	he 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 Nama. Ike Tavarez	Title: Program Manager, Remediation						
Signature: _ /4 7 }	Date: 12/8/2023						
email: Ike.Tavarez@conocophillips.com	Telephone: 432-685-2573						
OCD Only							
Received by:	Date:						
☐ Approved ☐ Approved with Attached Conditions of Approved	pproval						
Signature: D	ate:						

Received by OCD: 4/19/2024 10:26:22 AM Form C-141 State of New Mexico
Page 6 Oil Conservation Division

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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.

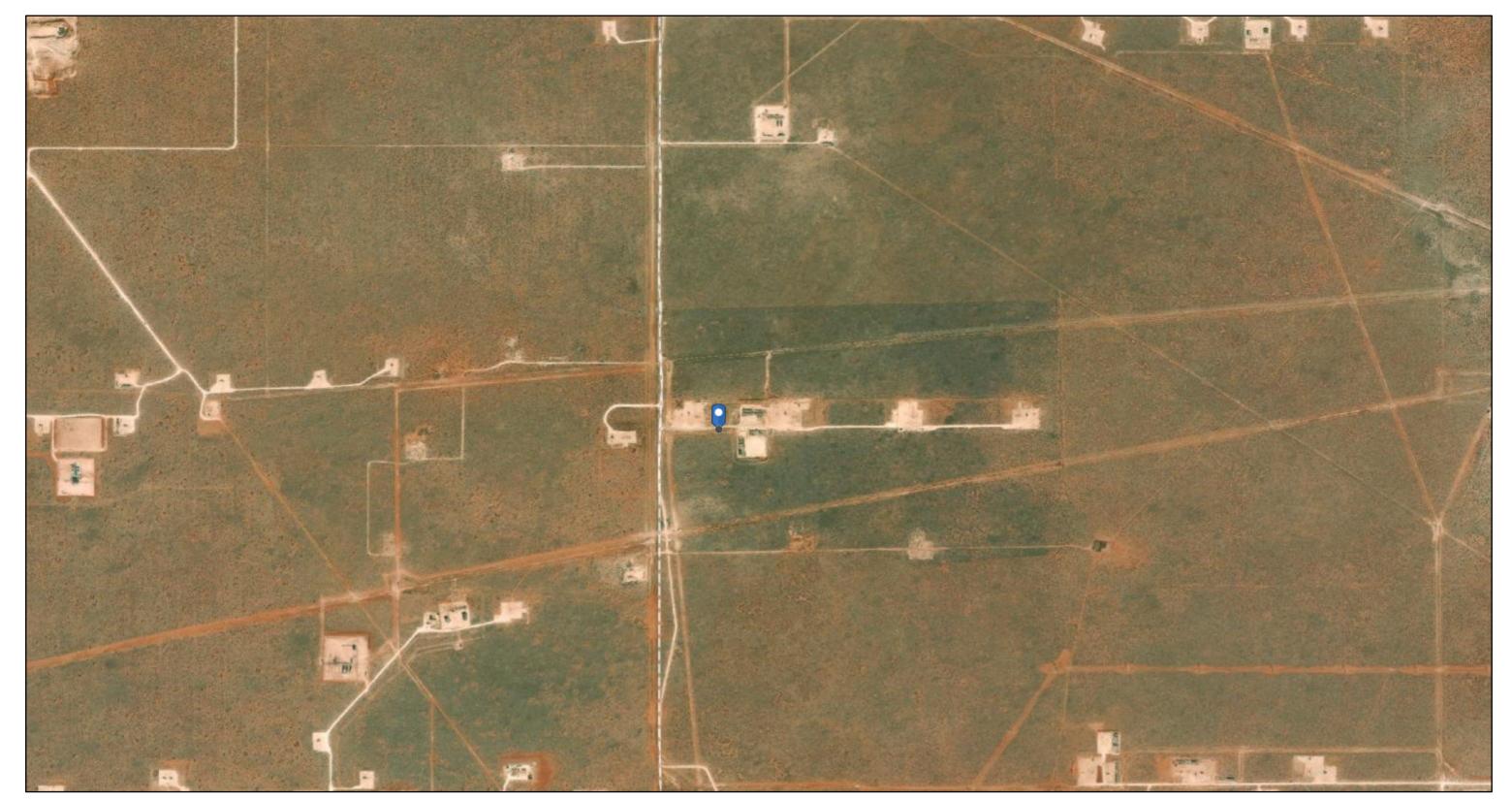
☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC					
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)						
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)						
☐ Description of remediation activities						
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the Coaccordance.	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.					
Printed Name:						
Signature: _ /4 //	Date:					
email:	Telephone:					
OCD Only						
Received by:	Date:					
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.					
Closure Approved by:	Date:					
Printed Name:	Title:					

APPENDIX B Site Characterization Data

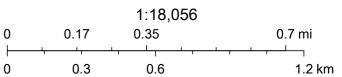
Received by OCD: 4/19/2024 10:26:22 AM

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OCD Waterbodies Locations



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



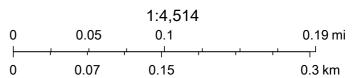
Esri, HERE, Garmin, iPC, Maxar, NM OSE

OCD Potential Karst Map



1/27/2023, 3:52:04 PM Karst Occurrence Potential

Low



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



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)

(In feet)

Depth Depth Water

POD

Sub-QQQ

Code basin County 64 16 4 Sec Tws Rng

1 1 2 30 24S 32E

621350 3562798

(NAD83 UTM in meters)

Well Water Column Distance 723 120

Average Depth to Water:

Minimum Depth:

Maximum Depth:

Record Count: 1

POD Number

C 04665

UTMNAD83 Radius Search (in meters):

Radius: 800 Easting (X): 620631.2 Northing (Y): 3562717.58



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												
POD Number	Sub- Code basin	County	Q (64 1			Tws	Rna	х	Υ	Distance	-	Depth Water	Water Column
C 04665	CUB	LE					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	248	31E	619200	3561279 🌍	2028			
C 04643 POD1	С	ED	4	2 2	05	23S	27E	619200	3561279 🌍	2028	305	135	170

Average Depth to Water: 135 feet

> Minimum Depth: 135 feet

135 feet Maximum Depth:

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.

APPENDIX C Regulatory Correspondence

Chavira, Lisbeth

OCDOnline@state.nm.us From:

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: imaqe001.pnq imaqe002.pnq

image003.png image004.png image005.png image006.png image007.png image008.png image009.png image010.png Outlook-hahoupg2.png

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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 sitaylor@blm.gov



From: Abbott, Sam <Sam.Abbott@tetratech.com>

Sent: Thursday, March 14, 2024 12:03 PM **To:** Taylor, Shelly J <sjtaylor@blm.gov>

Cc: Llull, Christian < Christian.Llull@tetratech.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 Manager

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

Tetra Tech, Inc. | Leading with Science® | OGA

8911 N Capital of Texas Hwy #2310 | Austin, TX 78759 | tetratech.com

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From: Llull, Christian < Christian.Llull@tetratech.com>

Sent: Tuesday, February 6, 2024 11:32 AM **To:** Tucker, Shelly J <stucker@blm.gov>

Cc: Abbott, Sam <Sam.Abbott@tetratech.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°

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@tetratech.com

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetratech.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. \wedge

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



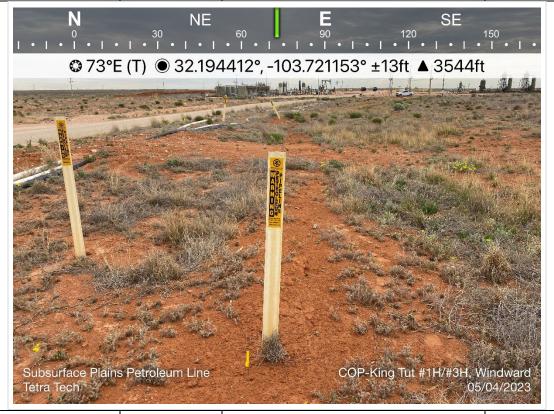
TETRA TECH, INC.	DESCRIPTION	View W of lease road and release extent from beneath overhead electrical lines.	3
PROJECT NO. 212C-MD-02999	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	2/2/2023



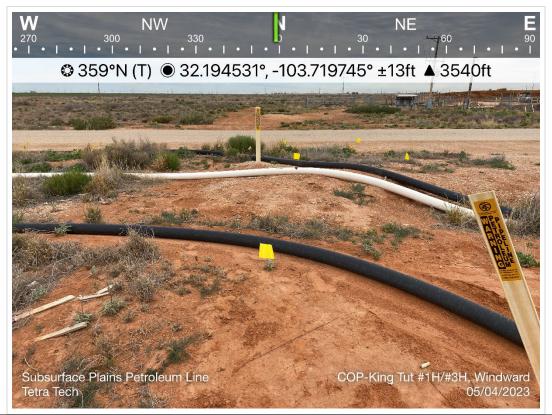
TETRA TECH, INC.	DESCRIPTION	View W towards lease road.	4
PROJECT NO. 212C-MD-02999	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	2/2/2023



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



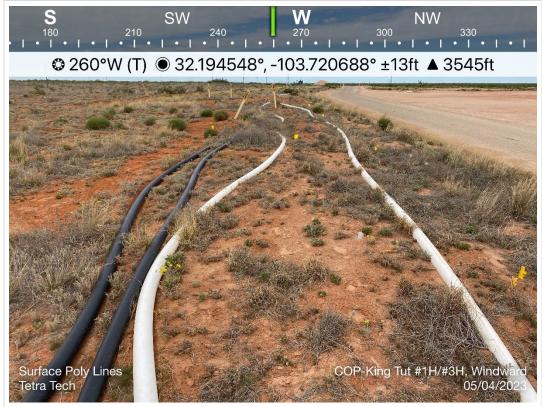
TETRA TECH, INC.	DESCRIPTION	View northeast. View of surface lines. Vegetation present.	6
PROJECT NO. 212C-MD-02999	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	5/4/2023



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



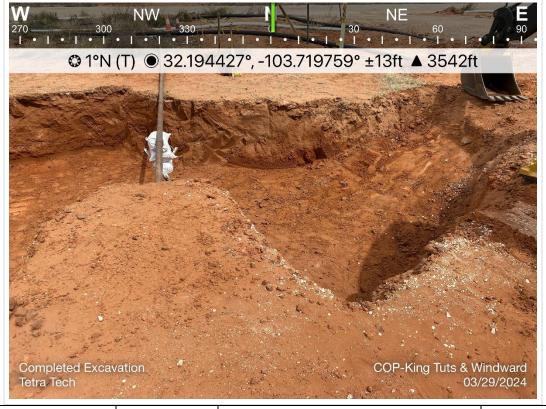
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	DESCRIPTION	View west. View of surface poly lines and area of historical release.	9
	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	5/4/2023



TETRA TECH, INC.	DESCRIPTION	View southwest west. View surface poly lines and buried steel line.	10
PROJECT NO. 212C-MD-02999	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.	DESCRIPTION	View west. View of excavation activities.	13
TETRA TECH, INC. PROJECT NO. 212C-MD-02999	SITE NAME	KING TUT FEDERAL #001H, KING TUT FEDERAL #003H, & WINDWARD FEDERAL #001H Releases	3/29/2024



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



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



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



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



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

APPENDIX E Laboratory Analytical Data



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH SAM ABBOTT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/26/2024 Sampling Date: 03/26/2024

Reported: 03/27/2024 Sampling Type: Soil

Project Name: KING TUT(S) & WINDWARD FED RELEAS 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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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 RELEAS Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02999A Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COP- LEA CO NM

mg/kg

Sample ID: FS - 2 (H241558-02)

BTEX 8021B

	9/	9	7	,					
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 % 71.5-1.		4						
Chloride, SM4500CI-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	Analyze	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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 RELEAS Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02999A Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COP- LEA CO NM

mg/kg

Sample ID: FS - 3 (H241558-03)

BTEX 8021B

	9,	9	7	7: :					
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	% 71.5-13	4						
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	Analyze	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celeg & Freene



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 RELEAS Sampling Condition: Cool & Intact 212C - MD - 02999A Project Number: Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: COP- LEA CO NM

ma/ka

Sample ID: NSW - 1 (H241558-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	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	Analyze	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Celey D. Keene



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 RELEAS Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02999A Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COP- LEA CO NM

mg/kg

Sample ID: SSW - 1 (H241558-05)

BTEX 8021B

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	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	18						

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Celey D. Keene



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 RELEAS Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02999A Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COP- LEA CO NM

mg/kg

Sample ID: ESW - 1 (H241558-06)

BTEX 8021B

	<u> </u>								
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	% 71.5-13	4						
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	Analyze	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

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Celey D. Keene



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 RELEAS 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg		d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Celey D. Keine



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

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Celey D. Keine

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Sampler - Oro - Dus - Cultur	Delivered By: (Circle One)	Relinquished by:			Relinguished By:	affiliates or successors arising	PLEASE NOTE: Liability and Du			7	e	5	4	O)	W		H241538	Lab I.D.	OR LABUSE ONLY	Sampler Name: Colton Bickerstaff	roject Location:	roject Name: Kin	Project #:	Phone #:	City: Austin	Address: 8911 Ca	Project Manager: Sam Abbott	Company Name: Tetra Tech	
					Relinquished By: Colton Bickerstaff	g out of or related to the performance of se	PLEASE NOTE: Lability and Diamages. Cardral's liability and clients exclusive remedy for any claim sharing whether based in contract or tot, shall be limited to the amount paid by the client for an emphasized process. As well as a form of the contract of			WSW-I	ESW-1	SSW-1	NSW-1	FS-3	FS-2	FS-1		Sample I.D.		olton Bickerstaff	Project Location: Lea County, New Mexico	Project Name: King Tut(s) & Windward Federal Releases	212C-MD-02999A P	(512)565-0190 Fax #:		Address: 8911 Capital o Texas Hv/y, Suite 2310	Sam Abbott	etra Tech	(575) 393-232
ے	Observed Temp. °C	Time:	Date:	Time S/S	Date: 03/26/24	ervices hereunder by Cardinal, regain	w remedy for any claim arising whether cluding without limitation, business i											*				deral Releases	Project Owner:	x#:	State: TX	2310			(575) 393-2326 FAX (575) 393-2476
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Thermometer ID #113	Rush: YES, 24hr. TAT		REMARKS: 24hr. RUSH TAT on all samples	Christian.Llull@tetratech.com	Verbal Result:		the state of the state of	or inclusion those for nonlicence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within 30 days after									TIME		ING										200000000000000000000000000000000000000
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Page 10 of 10



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH SAM ABBOTT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celecy D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	nemiquismed by:	olinguished D.	Relinquished By: Colton Bickerstaff	vent shall Cardinal be liable for in fillates or successors arising out	PLEASE NOTE: 1 inclinated frames						1	H241559	Lab I.D.	FOR LAB USE ONLY	Sampler Name C	Project Location: I W	Project #:		5	Address: 8911 Ca	Address Bodd C ADDOU	Project Monogor	Company Name: Tetra Tech
ne) - Other:			olton Bickerstaff	incidental or consequental damages, ut of or related to the performance of							Dackilli-Composite	Sample I.D.		DITON BICKERStaff	Sample None Coll. 2000 New Mexico	Project I ocation: Loc Country N. 1911 (Backfill Source)	212C-MD-02999A	0810-696(216)	E LOVE CONTRACTOR CONT	Address: 8911 Capital o Texas Hwy, Suite 2310	Salli ADDOIL	leng lech	
Observed Temp. °C Corrected Temp. °C	Date: Time:	1918, July	Date: 03/26/24	eard shall Control to be included to the potromance of service therefore by all materials and re-mode or to chall be limited to the amount paid by the stead of the amount paid by the stead of the amount paid by the stead of the potromance of services the ended by Control business informations, less of the potromance of services the ended by Control business informations and the potromance of services the ended by Control business informations and the ended by Control business informations and the ended by the potromance of services the ended by Control business informations of the ended by Control business informations and the ended by Control business informations and the ended by Control business informations are serviced by Control business informations and the ended by Control business informations are serviced by Control business informations and the ended by Control business informations are serviced by Control business informations and the ended by Control business informations are serviced by Control business informations and the ended by Control business informations are serviced by Control business informations and the end of the end of the potrol business informations are serviced by Control business informations and the end of the en	11							i.D.			EXICO	Pit (Backfill Source)	Project Owner:	Fax#:	State: TX	suite 2310			(3/3) 393-2326 FAX (5/5) 393-2476
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Sample Condition Cool Intact Pres Trees	y:	Me	Ý.	based in contract or tort, shall be limited to the am interruptions, loss of use, or loss of profits inco				\pm		\pm		GROUNDWATER WASTEWATER	-				ConocoPhillips						
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	5 7	KI	otherwise.	ses. All claims		Ц					3/26/2024	DATE	SAMPLING			Zip:			Ħ	Company: Tetra Tech		L 70	語の整理を表
Tumuouad Tine: Slandard Bacteria (orby) Sample C Rush 'PES, 240s. TAT Cool Intact Observed Tony Thermometer ID 4443-41/4/0 Correction Section 19	REMARKS: Backfill sample collected at Twin We use at King Tut(s) & Windward Federal Releases.	All Results are emailed. Please provide Emai	Verbal Result:	at paid by the chem for the analyses. All châms including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after ned by clerk, its ubscidaries.								TIME	LING										
Standard	ckfill sa (s) & W	emailed	Vas	regligence	1	Ц	1	Ц			X	TPH 8015M											
Cool Intact	mple coll	t. Please pr		and any other	1	Ц		Ц			×	BTEX 8021E	3										
Bacteria (only) Sample Condition refact Observed Temp. 'C	ected at Federal R	provide	5	cause whatso	+	H	+	H	-		×	Chloride SM	45	000	I-	В							
(only) Sample Condi	Twin We	Email ad		oever shall be	+		+	Ц	+		4											ANAL	
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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/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH SAM ABBOTT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/27/2024 Sampling Date: 03/27/2024

Reported: 03/28/2024 Sampling Type: Soil

Project Name: KING TUT(S) & WINDWARD FED RELEAS 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)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2024	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	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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 RELEAS Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02999A Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COP- LEA CO NM

mg/kg

Sample ID: FS - 5 (H241599-02)

BTEX 8021B

	9,	9	7	7: :					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celeg D. Freene



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 RELEAS Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02999A Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COP- LEA CO NM

mg/kg

Sample ID: FS - 6 (H241599-03)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
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	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celeg D. Freene



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 RELEAS Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02999A Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COP- LEA CO NM

mg/kg

Sample ID: FS - 7 (H241599-04)

BTEX 8021B

DILX GOZID	ıııg,	- Kg	Andryzo	u by. 511					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Celey D. Keene



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 RELEAS 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)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2024	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	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	49.1-14	8						

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Celey D. Keene



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 RELEAS Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02999A Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COP- LEA CO NM

mg/kg

Sample ID: SSW - 2 (H241599-06)

BTEX 8021B

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	% 71.5-13	4						
Chloride, SM4500Cl-B	OCI-B mg/kg			d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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 RELEAS 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)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2024	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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 RELEAS Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02999A Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COP- LEA CO NM

mg/kg

Sample ID: WSW - 2 (H241599-08)

BTEX 8021B

	9/	9	7	7: 5::					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	ide, SM4500Cl-B mg/kg		Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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

Observed Temp. °C Corrected Temp. °C

2

Sample Condit
Cool Intact
Cool Intact
No No No

CHECKED BY: (Initials)

Rush: YES, 24hr. TAT

Cool Intact

n Factor - 8-84C # 1440

70.3/27

□ Yes□ Yes

Relinquished By:

Relinquished By: Colton Bickerstaff

Date: 03/27/24

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

REMARKS: 24hr. RUSH TAT on all samples



ARDINAL aboratories

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

Company Name: Tetra Tech	etra Tech									BI	BILL TO					ANALYSIS REQUEST	YSIS	RE	QUES	ä						
Project Manager: Sam Abbott	Sam Abbott							P.O. #:	#									1881 0.00			_					
Address: 8911 Cap	Address: 8911 Capital o Texas Hwy, Suite 2310							Com	pan	: Tet	Company: Tetra Tech								_		_					
City: Austin	State: TX	Zip:						Attn	San	Attn: Sam Abbott	ott							#80 to 84			_					
Phone #:	(512)565-0190 Fax#:							Add	ress	Address: EMAIL	IL.									1	_					
Project #:	212C-MD-02999A Project Owner:	ł		00	ConocoPhillips	Phill		City:	-										_							
Project Name: Kin	Project Name: King Tut(s) & Windward Federal Releases							State:	ë		Zip:				·B						_					
Project Location:	Project Location: Lea County, New Mexico							Pho	Phone #:						CI			-90-10-21-22-2			_					
Sampler Name: Colton Bickerstaff	olton Bickerstaff							Fax #:	#						500				_		_					
FOR LAB USE ONLY					M	MATRIX		P	PRESERV.	RV.	SAMPLING	ING		_	45						_			_		
Lab I.D.	Sample I.D.	R (C)OMP.	INERS	WATER	ATER			SE.				,	8015M	K 8021B	ide SM											
HZHISTA		(G)RA	# CON	GROU	WAST SOIL	OIL	SLUD	OTHE		OTHE	DATE	TIME	TP		Chl					-	\vdash			\vdash		RUS
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h	FS-7	G	1		X	^			X		3/27/2024		×	×	×				Т	Н	-		Г	\vdash		×
5	NSW-2	G	1		X	^		-	X		3/27/2024		×	X	×				t	H	┝		Г	+	L	×
6	SSW-2	G	1		X	^		_	X		3/27/2024		×	×	×				T	\vdash	┝		Г	+	_	×
7	ESW-2	G	1		X	^			X		3/27/2024		×	×	×				T	\vdash	⊢		Г	+	L	×
oc.	WSW-2	G	1		×	^		\vdash	×		3/27/2024		×	×	×				†	+	+		Т	$^{+}$	1	×
					\vdash			H	⊢										t	+	╀		Т	+	1	
		- 2						_	H										-	-	-				-	L
PLEASE NOTE: Liability and Dan event shall Cardinal be liable to	R_EAGE NOTE: Liability and Dismages. Condition's hinbility and client's exclusive remody for any claim a using whether based in contract or but shall be intended be as uncordulately the client for the analyses. All claims including those for mylliprice and any other cause whatevover shall be deemed search as well as a contract or any other causes. The contract of the analyses are not as a contract of the analyses are not as a contract of the analyses are not as a contract of the contract o	r based in interrup	n contrac tions, lo	ss of us	shall be li e, or loss	of profi	the amounts incur	nt paid b ed by cl	y the cite lent, its	of for the subsidiar	analyses. All claims ries, ns or otherwise.	including those for	negligeno	e and any other	cause w	absoever sha	ill be deen	od waived	uniess m	. ade in w	and and	received	by card	ina wor	n ou days	888
affiliation of principal agency whiches	and of an individual to the mandermanner of sensions have under by Cardinal regard	o Speller	adjorn,	or earth o	Salm is to	Design In	O AUR CO	if the ab	ove stat	ed reaso	ns or otherwise.															

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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



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/ga/lab accred certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH SAM ABBOTT

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/28/2024 Sampling Date: 03/28/2024

Reported: 03/28/2024 Sampling Type: Soil

Project Name: KING TUT(S) & WINDWARD FED RELEAS 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/28/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: Relinquished By: Colton Bickerstaff Lab I.D. Sampler Name: Colton Bickerstaff Project Location: Lea County, New Mexico Project Name: King Tut(s) & Windward Federal Releases Project #: Phone #: Project Manager: Sam Abbott City: Austin Address: 8911 Capital o Texas Hwy, Suite 2310 Company Name: Tetra Tech FORM-006 R 3.2 10/07/21 NSW-1 (2') 212C-MD-02999A (512)565-0190 Sample I.D. Observed Temp. °C Corrected Temp. °C Fax #: Project Owner: Date: Date: 03/28/24 State: X Received By: (G)RAB OR (C)OMP Zip: Cool Intact
Yes Wes ConocoPhillips WASTEWATER SOIL SLUDGE City: State: Fax #: Phone #: P.O. #: Address: EMAIL Attn: Sam Abbott Company: Tetra Tech ACID/BASE CHECKED BY: ICE / COOL BILL TO Zip: 3/28/2024 DATE
 Verbal Result:
 □ Yes
 □ No
 [Add'l Phone #:

 All Results are emailed.
 Please provide Email address:
 Sam.Abbott@tetratech.com AND Christian.Lull@tetratech.com
 REMARKS: Same Day RUSH TAT TIME TPH 8015M 4/40 **BTEX 8021B** Cool Intact 124 Chloride SM4500CI-B ANALYSIS REQUEST d □ Yes □ Yes × RUSH

APPENDIX F Waste Manifests



Customer Copy



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

	WAS	E TT	CKET	
	LICKAT	- H 22	30570	
	acart:03/7	1/202/	1 00 00 1	
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Driver: Vict	Partner.	s	0.500.500	90.
Lease: King	" Manzano			
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AFE # N/A				2.
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Pain:);;;;;;;	- PASS	1	\$0.00	\$0.00
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Pain:) I to 1 NORM - PASS 1	- PASS 0	1	\$0.00	\$0.00
Pain:) 1100, 1 NORM - PASS	- PASS 0	1	\$0.00	\$0.60 \$0.00
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Pain:)	PASS 0 0	1 1	\$0.00 \$0.00 \$0.00	\$0.60 \$0.00
Pain: Fried 1 NORM - PASS 1	PASS 0 0	1 1	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
Pain:)	PASS 0 0	1 1 1	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$6.18
Pain:)	PASS 0 0	1 1 1	\$0.00 \$0.00 \$0.00 \$0.01	\$0.00
Pain:)	PASS 0 0	1 1 1 tbs	\$0.00 \$0.00 \$0.00 \$0.01 GUBTOTAL	\$0.00 \$0.00 \$0.00 \$0.18
Pain:)	PASS 0 0	1 1 1 tbs	\$0.00 \$0.00 \$0.00 \$0.01 \$UBTOTAL - TAX -	\$0.00 \$0.00 \$0.00 \$0.18 \$0.18 \$0.00
Pain: Prices to the NORM - PASS 1	PASS 0 0	1 1 1 tbs	\$0.00 \$0.00 \$0.00 \$0.01 \$UBTOTAL - TAX -	\$0.00 \$0.00 \$0.00 \$0.18 \$0.18 \$0.00
Pain:) Item 1 NORM - PASS 1 1 1 22	PASS 0 0	1 1 1 tbs	\$0.00 \$0.00 \$0.00 \$0.01 \$UBTOTAL - TAX -	\$0.00 \$0.00 \$0.00 \$0.18
Pain: Prices to the NORM - PASS 1	PASS 0 0 0 0 0 0.0 j	1 1 1 tbs	\$0.00 \$0.00 \$0.00 \$0.01 EUBTOTAL TAX POUNDING TOTAL	\$0.00 \$0.00 \$0.00 \$0.18 \$0.18 \$0.00 \$0.01 \$0.00 \$0.00
Pain:) Ittel NORM - PASS 1 A Ultimal Pho 1	PASS 0 0	1 1 1 tbs	\$0.00 \$0.00 \$0.00 \$0.01 EUBTOTAL TAX POUNDING TOTAL	\$0.00 \$0.00 \$0.00 \$0.18 \$0.18 \$0.00
Pain:) Ittel NORM - PASS 1 Attitional Pho 1	PASS 0 0 0 0 0 0.0 j	1 1 1 tbs	\$0.00 \$0.00 \$0.00 \$0.01 EUBTOTAL TAX POUNDING TOTAL	\$0.00 \$0.00 \$0.00 \$0.18 \$0.18 \$0.00 \$0.01 \$0.00 \$0.00

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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 PRICE

By:owl.adan TARE GROSS

AMOUNT

\$0.18

Contaminated Soil Hauler: McNabb Partners
Driver: Victor Manzano
Lease: King Tut Federal
Well: 001H 18 \$0.01 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
UDM: CuYd
UDM Count: 18
PF Test Result: Pass

PF Test Result: Pass

175 Testing - PASS 50.00 \$0.00

Paint Filter - PASS \$0 00 \$0.90 1

NORM - PASS \$0.00 0 \$0.00 1

Additional Photos \$0.00 \$0.00 1

> 50.01 0.0 lbs

SUBTOTAL --- \$0.18 TAX ---> \$0.18

ROUNDING ---> \$0.00

TOTAL ---> \$0.19

Amount Туре \$0.19 Customer Karen Work Date



---- WEIGHT TICKET----Ticket # 233620 Start: 03/25/2024 11:32 AM End:03/35/2024 11:41 AM

8/ccwl.adan

03033	TAHE	NET	RICE	TALOMA
Contaminace	Soil			
عااسبة	2	18	10.01	\$0.18
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Orivar: Vict				
Leasa: King	Tut Fadara	3.]		
Well: 0014				
AFE #: NyTh				
County, Sta	ter LEA IN	4)		
API #: 3002	54 1542			
Client Comp	any Mani I	ce Tavar	⊕ 2	
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			(* /EL 0084030	
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32		U IDS	10.01	\$0.1
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			TETAL:	-/ 50.1

Customer: Conocofhillips Company

Orivar: Karan Work



-----WEIGHT TICKET----Ticlet # 233655 Start: 03:25/2024 12:43 PM End:03/16/2024 12:52 PM By:cwl.jazmine

11.1363637	TARE	NET	FRICE	TAL OMA
Contaminated	Soil	*****		
14/16	, 0	18	10.01	\$0.18
Hauler: MoNa	bb Parth	ers.	10.01	ĐU. 10
Oriver: Vict	or Menzill	1.4		
Lease: King	lut Fede	(#)		
Well: 0014	10,000	(A. A.		
4FE #: N/4				
County, State	E LEA IN	44		
4PI #: 00025	11542			
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lig Mane & W	mber: 4/	n i	1. 11.6	
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⊣2\$ Testing –	PASS	1	10.60	\$0.00
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	O PMSS			
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Paint Fil er	O PMSS			
Paint Fil er	O PASS O	1	10.00	\$0.00
Paint Filter	O PMSS	1		
Paint Filter ORM - PASS	O PASS O	1	10.00	\$0.00
Paint Filter WORM - PASS	O PASS O	1	10.00	\$0.00 \$0.00
Paint Filter ORM - PASS	O PASS O	1	10.00	\$0.00
Paint Filter WORM - PASS	O PASS O	1	10.00	\$0.00 \$0.00
Paint Filter WORM - PASS	O PASS O	1 1	10.00 10.00 10.00	\$0.00 \$0.00
Paint Filter ORM - PASS dditional Pho	O PASS O	1	10.00 10.00 10.00	\$0.00 \$0.00
Paint Filter ORM - PASS dditional Pho	O PASS O	1 1 1 lbs	10.00 10.00 10.00	\$0.00 \$0.00 \$0.00
Paint Filter WORM - PASS Additional Pho	O PASS O	1 1 1 lbs	10.00 10.00 10.00 10.01 UETGTAL -	\$0.00 \$0.00 \$0.18
Paint Filter NORM - PASS Additional Pho	O PASS O	1 1 1 1bs	10.00 10.00 10.00 10.01 UETGTAL - TAX -	\$0.00 \$0.00 \$0.18 > \$0.18 > \$0.01
H2S Testing - Paint Filter NORM - PASS Additional Pho	O PASS O	1 1 1 1bs	10.00 10.00 10.00 10.01 UETGTAL - TAX - C.NDING -	\$0.00 \$0.00 \$0.18

Customer: ConocoFhillips Company Orivar: Maren Work



Ticket # 233676 Start:33/25/2024 01:50 PM End:03/25/2024 01:54 PM By:0al.jazmine

GROSSI	TARE	MET	FRICE	T/ILOMA
Contaminante	d Soil			2-4001-40-400-000- 000-40 -4
بالهبنه	0	18	10.01	\$0.18
lauler: MoN	abb Pert	12 1 21		
Driver: Vic	tor Manz	ific		
_ease: King	Tut Fed	rel		
Well: OCH				
5FE #: N7'N				
County, Sta		(164.)		
MPI #: 8002	541542			
The Comp	any Man-	ike lava	f'⊕2	
The sold to	Number:	44		
100 36	Ticket	1. 14/4		
R Tylott	Dump Ir	JL &		
di ind				
JOMunit:	18			
PF Test Fas	ult: Pas	i		
428 l'ast: P	ass			
H2S Testing	- PASS			
	J.	1	10.00	\$0.00
Paint Filte	e Direc			
atir. Fil s	0	1	10.00	\$0.00
	.,		10.00	00.00
YORM - PASS				
	0.	1	10.00	\$0.00
	**		4.0.1.0.0	470 7 5 4
Additional	Photos			
	0	1	10.00	\$0.00
**************************************		I G Ins	10.01	\$10.18
, rest.			\$1200.700	281 E 12 C L 17
			SUBTICIAL	> \$0.18
			TAX	
			ACUNDING	
			TOTAL	
				- promote



03056	TARE	NE'T	RICE	TAL OMA
contaminated	Soil			00.10
7/16	2 3	18	10.01	\$0.18
aular: MoNa				
brivan. Vict				
earn: Kily	Tut Fada	. 5 1		
rell d				
iffe it with	V 90 00	101		
Journty, Shal		(4)		
NPT #: E0023		e no escara		
il tëmpi	arry Mena	TKE Tavel	φZ	
in lama A	Arruper: 4	7 12 ki e.k		
(r.1. + 1) = -0				
Trunt	faranca 14 a	1.5		
bri. MOU				
JOM Court PF Test Ros	i i Santi			
-P lest him -128 Test: P				
-125 (BST) P	at the			
-28 Testing	- PASS			
*	*	1	10.00	\$0.0
Paint Films	r - PASS			
7.5	0	1	10.00	\$0.0
NORM - PASS				
*	J	1	10.00	\$0.0
Madditiona.	Photos			40.7
6	0	1	10.00	\$0.0
			45.01	S',
22		U.U 108	30.01	35.7.
			SUE TOTAL	- 200
			TAY	> \$0.0
			RO.NDING	> QD (
				> \$0.
			TUTAL	2 30.

Sustamer: ConocoFhillips Company

Orivar: Maran Work



Ticket # 233894 Start:03/88/2024 09:46 AM End:03/88/2024 09:58 AM Bysowl.adan

GR088	TAFE	NET	RICE	AMOUNT
ontaminaced				
16	0	16	10.01	\$0.16
Waular: Moka				
brivar: Vict				
ease: King	Tut Fader	a 1		
vell: 00°4				
1FE #: 5/4				
lounity, Scal	te LEA (N	4)		
PI #: 5002				
Olient Comp	any Mana I	ke Tavar	€ 2	
Rig Mame Jo	Vunber: 1/	Λ		
frucking Do	Ticket +	N/A		
Truck Type:	Cump Trus	\$		
JOM: Jurd				
JOM Count.				
of Test Res				
H2S Test: P	ass			
H2S Testing	- PASS		2.5.000	40.22
1	0	1	10.00	\$0.00
Paint Films	r - PASS			
	Ü	3	10.00	\$0.00
NORM - PASS				
	Ü	1.	10.00	\$0.C
additional	Photos			
		1	10.00	\$0.0
\$()	g (341)-10 .	0.0.1bs	10.01	\$0.1
			SUETOTAL.	
				> \$0.0
			ROUNDING	> \$0.0
				> \$0.1

lustomer: Conocofhillips Company

Driver: Karen Work



(38055)	TAHE	ħΕΓ	PRICE	T/L OMA
Contamina ed		4.5	4.5. 6.4	ao 10
19			10.01	\$0.18
Hauler: MoNal Driver: Abla				
Lease: King				
Wall: 0014	ille (an)	11 A		
AFE #: N/A				
County, Shat	F - A '	393		
API #: 30025		57.1180		
Manifest D:				
Client Compa		acie Mayb	erry	
Rig Name & N				
Trucking Co	licket 1	NZA		
Truck Type: JOM: Jurd	Belly Da	(n 0 5)		
JOM Count 1	8			
of Tast Fasu				
H2S Tast: Pa				
H2S Testing	- PASS			
	0.	1	10.00	\$0.00
Paint Filter	- PASS			
1	Э	1	10.00	\$0.00
NORM - PASS				
	2	1	10.00	\$0.00
Additional F	hotos			
*	j	Ŧ	10.00	\$0.00
	* * *) (best (best - 1 + 11 - 1)	0.0 lbs	10.01	\$0.18
				*
			SUETOTAL -	
				> \$0.01
			RO.NDING -	
			TOTAL -	> \$0.19

Customer: Conocofhillips Company

privar: Karan Work

KING THE DASH
TRYCK M83
ACIE



GROSS	TARE	NET	FRICE	TALOMA
Contaminated		10	10.01	\$0.16
16			10.01	0.01
Hauler: Moka	tb Partiet			
Drivar: Vict	tir Manzani	3		
Lease: King	jut reder	8.1		
Well: OCH				
AFE #: N/h	er i nemet namn	200401		
County, Sha	te: LEA (K	7.)		
aPI #: 3002	541542	4		
Misnt Coop	arny Mani i	ve lava	1 to 2	
lig Name &	Number: 4/	n.		
Trucking Co	licket I	MA.		
Truck Type:	Dump Tru	3.		
JOM: Dured				
JOM Counts	16			
of Test Fas	11: EBS:			
H2S Test: F	ass			
H2S Testing	- PASS	3	10.00	\$0.00
	il de	1	19.00	
Paint Filo	22 Mg			
"allii. Fil :	3	1	10.00	\$0.00
	3		,5,	
NORM - PAS	S			
10000	9	1	10.00	\$0.00
	**			
Additional	Photos			
Managar Town (14)	0		10.00	\$0.00
planting and increase a second			10.01	\$0.16
20		1) LU 108	10.01	40.10
			CHITOTAL	> \$0.16
			DUSTILIAL.	> \$0.01
				> \$0.00
			MU. NUTNO	> \$0.00
			TUTAL	> 50.1

Sustamer: CornocoPhillips Company

Oriver: Maren Work



Ticket # 233931 Start:03/28/2024 T1:15 AM End:03/18/2024 11:24 AM Byrowl.adan

133053	TARE		MET	1	RICE	AMO JNT
Contamina 18 Mauler: M		0			10.01	\$0.18
Driver: A _eass: Ki well: OC AFE #: N	aia May∂ ng Tut P ∙1	ar y adara	1			
407 W- 7	Smates Li Och2547547 Ochpany Mi			vars:	2	
Rig Wame Trucking	i Numbe Jc Tick pa: Eell	r: V et i:	N/A			
JOM: Duh JOM Caul	d t. 18 Kasult:		4- No.			
	ting - P	ASS		1	10.00	\$0.00
Paint F	ilmer —	P#SS		1	10.00	\$0.00
NORM -	PASS	9		1	10.00	\$0.00
Mddi!i	onal Pho	tos O		1	10.00	\$0,00
11-0-10-10-0			0.0	lbs	30,01	\$0.18
					TAX ROLNOING	> \$0.18 > \$0.01 > \$0.00 > \$0.19

Justomer: ConocoPhillips Company

Oriver: Karen Work

King Tut 643 H Tenck M83 Acic



		97.50	or an allas.	140	
	GROSS	TARE	NET	RICE	TALOMA
Co	ntaminamed	i Soil			
			16	30.01	\$0.16
ri ai	ular: MbNa	ith Pertie	1' 8		
þr.	ivar: Vict	tor Manzar	12		
, (<u>5</u>	asa: King	Tut Feder	в]		
	11: 00.4				
	E #: h/h				
.0	unty, Shat	E LA	9)		
	I #: 3002				
	ient Compa			1.62	
	g Mame i N				
	ucking Co				
	uck Type:	Dump Iru	14		
	M: Duyd	r či			
	M Court 1 Test Rus.				
	S Test: Pa				
16	9 1995 Is	Acces			
12	S Testing	PASS			
	1	0	1	10.00	\$0.00
a	int Filter	- PASS			
	*	0	1	10.00	\$0.00
40	RM - FASS				
	Ť	**************************************	1	10.00	\$0.00
	oracina de la companya de la company				
пd	ditional (
		Ω.	1	10.60	\$0.00
	20	()	0.0 lbs	10,01	s0.16
				No. of the Charles are No.	
				SUSTOTAL	
				TAX	
				ACUNDING	
				TUTAL	-> \$0.1

Sustamer: ConocoPhillips Company

Oriver: Keran Work



-----WEIGHT TICKET-----Ticket # 233973 Start:03/25/2024 12:45 PM End:03/26/2024 12:53 PM Branwl, adam

GRUSS: TAF	M M M	NET	RICE	TALOMA
Contaminaced Soi) 1	1.0	10.C1	so. 18
18			19.01	40110
Hauler: McNath P	erther	£.		
Oriver: Acie May	EBT Y	4		
.ease: King Tut	Fader:	1		
Well: CC. 4				
AFE #: N/N				
County, Shatar L	EA IN	4.)		
MPI #: 300254154	12			
Client Company M	1:	ke lavar	8 2	
Rig Name & Yumbe	ar: 4/	rì .		
Trucking Go Tuck	cet la	MILE		
Truck Type: Bel	Ly Dur	by Ast		
JOM: Curd				
JOM County 18				
⊃F Test Fasil∵:	-881			
H28 Tast: Pass				
H2S Testing - P	ASS			eo 00
	0	1	10.00	20.00
was a west seems	Directo			
Paint Filter -	9 9	3	10.00	\$0.00
	V	3	40.00	480.000.000.000
17/1/190				
NORM - PASS	C	1	10.00	\$0.00
	J.	1	40.00	
#dditional Pho	tos		7	
Market Carlo Mile 1777	2	1	10.00	\$0.00
TATAL MARKAGAMAN AND THE STATE OF THE STATE				\$0.18
) - 1 10 + 1		C.C lbs	10.01	50.10
			SUSTETAL	> \$0.18
			Tax	> \$0.0
A.				> \$0.0
			TOTAL	> \$0.1
			LUINL	, 40.1
				p

Customer: ConocoFhillips Company

Customer: Condon Attitles Com Driver: Kingsh Work Kingstut 003 H Renek MB3 ACIE



WEIGHT TICKET----Ticket # 234019 Start: 03/28/2024 02:48 PM End:03/86/2024 02:50 PM Bracwl.adam

GROSS	TARE	NET	÷,	RICE	TALOMA	
	Ď.	18	1	0.01	\$0.18	
Hauler: Mak	abb Partie	r s				
Oriver: Add	le Maycerry					
_easa: Kins	g Tut Fadar	εl				
Well: OCT						
NEE #: N/H	V 9672 - 14.4	with.				
pounty, St	ate: LEA (1	(4)				
aPl #: 300	2541546	Tour				
Client Con	pany Man:	ive lave	:1 :12			
lig Name	Number: 4	д н жі 7 б				
Trucking .	a Ticket	- (4) (P)				
	e: Eelly D.	11.00				
JOM: Suird	40					
JOM Court	asult: Fasi					
428 Test:	Bare					
425 Tast:	L 35/0					
OS Testi	ng - PASS				20051.00	
10.00 1 0.00 4.0	3		1	10.00	\$0.0	10
Paint Fil	mer - PASS			2180 06761	\$0.	nn.
	Ű,		1	10.00	50.	CIU
WORM - F	AHS		2	10.00	\$0.	CIC
	. 0		1.	10.00	φo.	60
	10 V					
#ddition	a. Photos		ĩ	10.00	\$0	.00
	· w		ļ.	40.00		
				to be 11 hours 18 year Than 1941 and		
	17)	E. [-]	bs	10.01	\$0	.18
	i.(8)				-	
				SUSTOTAL.	> \$10	.18
				TAX	> \$0	.01
				AC. NCING	> \$0	00.0
				TOTAL	> \$().19

Customer: Conocofhillips Company

Distance: Condcornitips of Driver: Kinen Work

King fut 003 A/

TRack M83

ACLE



WEIGHT TICKET———
Ticket # 234692
— Start:03/28/2024 08:46 AM
End:03/28/2024 09:51 AM
By:041.jaycer

GR088	TARE	MET	FRICE	TAL OMA
Contaminante	i Soil		***************************************	
	0		10.01	\$0.18
Hauler: MoN				
Griver: Jar	any Ortega			
"easa: King	Tut Fed			
Well: OI'-				
加F区 #: N//				
County, Sita		(Y)		
API #: 3002				
Client Comp	any Mani	ke Tavar	*⊕ Z	
Rig Name &	Number: 4	'n		
Trucking Go	Tucket 1	: N/A		
Truck Type:	Dump Tru	\$ K		
JOM: Suivel				
JOM Court.	18			
of Test Fies				
H23 Test: P				
H2S Testing	- PASS			
4	0	1	40.00	\$0.00
Paint Films	r - PASS			
1	Ú	1	10.00	\$0.00
MORM - PASS				
Ť	0	1	10.00	\$0.00
Modditional	Photos			
•	0	1	10.00	\$0.00
23	a a contrator	0.0 lbs	10.01	\$0.18
			SUETCTAL -	> \$0.18
				> \$0.01
			ROLNDING -	
				> \$0.19
			14/17/	6. 00 1 10

Customer: ConocoPhillips Company

Driver: Karan Work



WEIGHT TICKET

Ticket # 234629
Start: 03:26/2024 09:41 AM
End: 03/88/2024 09:51 AM
By: pwl.geraldine

GROSS	TARE	NET	RICE	TALOMA
Contaminated	Soil		1111 Design 18000000 11400000 on one office on	
16	Ü	16	10.01	\$0.16
Hauler: Mo W				
Oriver: Vict				
_ease: King	Test			
Well: OCT	ENLY:			
0FE #: N/N				
ace a. m. n County, Shat	STATES			
API #: N/A	EL LEA THAT			
	el ==0			
Manifest ⊬:		w		
Client Compa		lave	r 8 Z	
lig Name à V				
Trucking So		14		
Truck Type:	Damp Truck			
JOM: Durd				
JOM Court: 1	E)			
≎F Tast Kasu	il∵: Pas⊹			
⊣23 Test: Pa	15.5			
12S Vesting	- PASS			
	2	1	10.00	\$0.00
			• (Control of Control	
Paint Filter	- PASS			
manufacture and charles)	1	10.00	\$0.00
	36	- 50		40.00
VORM - PASS				
FORM - 1.3495	3	1	10.00	en on
	Sel.	1.	10.00	90.CC
autotatica de la constantia	N 4			
#dditional F	TIOTOS	2	40.00	00 00
	J	1	10.00	\$0.00
2()	0.0	lbs	10.01	\$0.16
			SUETOTAL	
			TAX	-> \$0.01
			ROUNDING	-> \$0.00
			TOTAL	
			ACTA DE DOCTOR	************
				A

Bustomer: Conocofhillips Company

Orivar: Karan Work



NEIGHT TICKET— Ticret # 234662 Stert: 33/28/2024 11:01 AM End: 03/86/2024 11:05 AM Ey: 0xl.geraldine

GROSS				
	TARE	NET	FRICE	TALOMA
Contaminaded	Soil	10	10.01	\$0.16
	3	112	10.01	40.10
Kauler: Moka				
Driver: Yict		+		
saset King	Tut			
Well: O. 1				
AFE #: N/h	20.000			
County, Sta	ten Duffp I	ruck		
MPI #: N/W				
Manifest 1:	N, A		ma e	
Client Comp	ariy Mari .	kwe Tava	il e i	
lig Name &	Araber: 47	n		
Trucking Go	Tacket 1:	N/A		
Truck Type:	Coump Tru	. 4		
JOM: Curd				
JOM Count				
OF Test Fas	ult: Fasi			
- 23 Test: P	ass			
-28 Testing			15.00	en en
-28 Testing	g - PASS	1	10.00	\$0.00
9	3	1	10.00	\$0.00
H2S Testing	ე er − P#SS			
9	3		10.C0	\$0.00 \$0.00
Paint Filo	0 er – PASS 0			
9	o er − P#SS o	1	10.00	\$0.00
Paint Film	0 er – PASS 0	1		
Paint Filo	O er — PASS O es	1	10.00	\$0.00
Paint Film	o er — PASS o ss o	1	10.00	\$0.00 \$0.00
Paint Filo	O er — PASS O es	1	10.00	\$0.00 \$0.00
Paint Filo	o er — PASS o ss o	1	10.00	\$0.00 \$0.00
Paint Filo NORM - FAS Additional	O er — PASS O SS O Photos	1	10.00 10.00	\$0.00 \$0.00
Paint Filo	O er — PASS O SS O Photos	1	10.00 10.00 10.00	\$0.00 \$0.00 \$0.16
Paint Filo NORM - FAS Additional	O er — PASS O SS O Photos	1	10.00 10.00 10.00	\$0.00 \$0.00 \$0.16
Paint Filo NORM - FAS Additional	O er — PASS O SS O Photos	1	10.00 10.00 10.00 10.01 SUETDTAL TAX	\$0.00 \$0.00 \$0.16 > \$0.16 > \$0.01
Paint Filo NORM - FAS Additional	O er — PASS O SS O Photos	1	10.00 10.00 10.00 10.01 SUETDTAL TAX FIG. NOING	\$0.00 \$0.00

Customer: ConocoPhillips Company

Oriver: Karan Work



By::wl.geraldina

agasts.	T A EL EL	NET.		FRICE	T/IL OMA
			0.000		
Contaminated	Soil	16		10.01	\$0.16
16 Hauler: Moka		10		45157	
orivar: Jana	y Ortaga				
"ease: King	Tut				
well: DC14					
AFE #: N/A	Fe 15 A 1)	w'i			
County, Stat	LE LIM I	* c f			
Manifast F:	N/A				
Client Comp	any Man:	ike Tav	āť:	7	
lig Name in	Vumber: 4	/ 4			
Trucking Co	Ticket I	1 N/A			
Truck Type: JOM: Jurd	Liump II.	12.5			
JOM: Sund Lithiuc() MOL	16				
PF Test Res		ï			
H2S Test: P	ass				
H2S Testing	- PASS				
	ũ		1	10.00	\$0.00
Paint Filo	er - PASS				10.00
*	Э		1	10.00	\$0.00
VORM - PAS	5				
å.	C		1	10.00	\$0.00
Additional	Photos				26.66
•1	0		1	10.00	\$0.00
	ment to an an extension of these			10.01	\$0.16
20		0.04	D:S	10.01	ф0. II
				SUBTOTAL	> \$0.10
				TAX	> \$0.0
				FICE NO ING	> \$0.0
				TOTAL	> \$0.1

Customer: ConocoPhillips Company

Driver: Karan Work



#EIGHT TICKET-----Ticket # 234696 Start:03/88/2024 12:25 PM _ End:03/8/2024 12:30 PM _ By:oxl.jayden

gROSS TA	FI E	NET	FRICE	AMO JNT
ontaminated Soi			10.01	00 16
16			10.01	\$0.16
auler: Makabb P	ertid	11.5		
rivar: Victor M	lanz en	10		
easa: King Tut	-80			
ell: DC:-L				
FE #: N/N	3000 100	56°S		
ounty, Shates !		, j		
PI #: 3(10)254154		Two con		
lient Company N			10 Z	
lig Nama & Numb				
rucking Do Tic				
ruck Type: Dum	p tra	.3		
IOM: Duird				
JOM Count: 16	Contract.			
PF Test Result:	185			
-28 Test: Pass				
-2S Testing - P	ASS			anozar sara
•	Ü	1	10.00	\$0.00
Paint Filter -	P#55			
4	Ü	1	10.00	\$0.00
NORM - PASS			10.00	00 C
1	0		10.00	\$0.00
Additional Phot	tos			
**************************************	0	1	10.00	\$0.00
20		o o tha	10.01	\$0.1
27		1,1,115	10.01	00.1
			SUSTOTAL -	> \$0.1
				> \$0.0
			ROINDING -	

Customer: ConocoPhillips Company

Drivar: Maren Work



	93035	TARE	NET	RICE	TALOMA
20	ontaminated		* (*)	15.01	00.10
111 2	16 Wilen: Mona) Eb Der+:::		10.01	50.16
	iver: Jera iver: Jera				
	wase: King				
	11: 0011				
	E #; N/h				
Ĵ0	unity, Stat	E LEA (N	W)		
	T #: 30025				
	ient Compa			r ∈ Z	
	g Mama & W				
	ucking De				
	uck Types	Dump Truc	8		
	M: Durd M Count 1	te			
	Test Fasi				
	S Test: Pa				
-12	S Festing	PASS			
		Ş	1.	10.00	\$0.00
(4)	d. a. e.t.	D - 0.0			
	dnt Filmer			10.00	00.00
		0	3	10.00	\$0.00
MO	RM - PASS				
10	WE 1 1111-2	9	1	10.00	\$0,00
				10.00	40,00
Вd	ditional P	hotos			
		0	1	10.00	\$0.00
111111					
	20	0	U lbs	10.01	\$0.16
				THE TOTAL	> 60 10
				SUSTOTAL -	> \$0.16 > \$0.01
				ROUNDING -	
					-> \$0.00
				I M I The	7 95 1 I
					-

Bustomer: ConocoPhillips Company

Driver: Waren Work



Ticket N 234963 Start: 33722/2024 09:34 AM End: 33722/2024 09:56 AM Ey: DWl-geralding

38053	TARE	NET	: 13	ICE	TALOMA
Contaminated	3	16	10	.01	\$0.16
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- 2\$ Testi	ng - PASS		1	10.00	\$0.00
Paint Fil	jer - PAS O	S	1	10.00	\$0.00
NORM - F	A.\$35)	1	10.00	00.00
addition	a. Photos	0	1	10.00	\$0.00
11 - 400 per 11 (1 - 14) 1 mm	7Ú	(), ()	lbs	10.01	\$0.16
				TO NOT	AL> \$0.16 AX> \$0.01 NG> \$0.00 AL> \$0.17

Customer: ConocoPhillips Company

Oriver: Karen Work



#EIGHT TICKET— Ticket # 234976 Start:03/25/2024 11:02 AM End:03/25/2024 11:11 AM B:00ML.Ivan

Contaminated Soil 16	GROSS	TAFIE	NET	FRICE	TALOMA
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Customer: ConocoPhillips Company

Driver: Keran Work



Ticret # 234992 Stert:03/23/2024 12:04 PM End:03/39/2024 12:05 PM By:cwl.jaycen

3R055	TAFE	NET	RICE	TALOMA
Hauler: Mike	0 abb Parther	16 · s.	10.01	\$0.16
Orivar: Vic	tor Mizano			
Laasa: King Wall: OCH	HAT LEA			
County, Sha	ter LEA (N	y)		
MPI #: 3002 Manifest №:				
Client Comp	any Mans I	ce Tavara	2	
Rig Name & Trucking Do	Number: 4/	n NZA		
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			SUETCTAL	> \$0.16
			TAX	> \$0.01
			TOTAL	> \$0.00 > \$0.17

Customer: ConocoFhillips Company

Orivar: Karan Work



---- WEIGHT TICKET----Ticket # 235011 Start: 33/25/2024 01:19 FM End:03/19/2024 01:21 PM B. JWL. Ivan

	Ly a see	1.00			
03089	EFAT	NET	RICE	Al	TALOI
Contamina ed	Soil	16	10.0		\$0.16
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Customer: ConocoPhillips Company

Oriver: Karan Work



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Well: 0014				
County, Sma	te LEA IN	٧)		
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lig Name &				
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NORM - FASS				
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(a)		.0 lbs	10.01	\$0.16
			SUETOTAL	-> \$0.16
				-> \$0.01
			ROLNDING	-> \$0.00
			TOTAL	

Customer: ConocoPhillips Company

Oriver: Karan Work

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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:	OGRID:
COG PRODUCTION, LLC	217955
600 W. Illinois Ave	Action Number:
Midland, TX 79701	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 NA

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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 2

Action 335293

QUEST	TIONS (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	[O TT] Noodandion Topole O TT (O TT TRoodandion)
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 (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.
	diation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o eted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required eases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface and one relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Christian I I ul I

Title: Project Manager

Date: 04/19/2024

Email: christian.llull@tetratech.com

I hereby agree and sign off to the above statement

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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:	OGRID:
COG PRODUCTION, LLC	217955
600 W. Illinois Ave	Action Number:
Midland, TX 79701	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 provide	ed 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 CI 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 comp which includes the anticipated timelines for beginning and completing the remediation.	pleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC	
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	d 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.

District I

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

QUESTIONS, Page 4

Action 335293

QUESTIONS (continued)

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

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
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		

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

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

I hereby agree and sign off to the above statement

Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com

Date: 04/19/2024

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.

Released to Imaging: 4/22/2024 7:23:44 AM

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QUESTIONS, Page 5

Action 335293

QUESTIONS (continued)

Operator:	OGRID:
COG PRODUCTION, LLC	217955
600 W. Illinois Ave	Action Number:
Midland, TX 79701	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 No submission

District I

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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 6

Action 335293

QUESTIONS	(continued)

Operator:	OGRID:
COG PRODUCTION, LLC	217955
600 W. Illinois Ave	Action Number:
Midland, TX 79701	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.

Name: Christian LLuLL
Title: Project Manager
Email: christian.llull@tetratech.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 7

Action 335293

QUEST	TONS (continued)
Operator:	OGRID:
COG PRODUCTION, LLC	217955
600 W. Illinois Ave	Action Number:
Midland, TX 79701	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
	of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	04/03/2024
Summarize any additional reclamation activities not included by answers (above)	NA
	reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form nt field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 repo	T
	Name: Christian LLuLL

Title: Project Manager

Email: christian.llull@tetratech.com Date: 04/19/2024

I hereby agree and sign off to the above statement

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QUESTIONS, Page 8

Action 335293

QUESTIONS (continued)

Operator:	OGRID:
COG PRODUCTION, LLC	217955
600 W. Illinois Ave	Action Number:
Midland, TX 79701	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 335293

CONDITIONS

Operator:	OGRID:
COG PRODUCTION, LLC	217955
600 W. Illinois Ave	Action Number:
Midland, TX 79701	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 reseeding 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