



November 15, 2023

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

**Re: Closure Report
ConocoPhillips Company (Heritage COG Operating, LLC)
Talco 9-26-35 Federal 003H Flowline Release
Unit Letter J, Section 09, Township 26 South, Range 35 East
Lea County, New Mexico
Incident ID NAPP2308946629**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred from a flowline associated with the Talco 9-26 35 Federal 003H (API 30-025-43458). The release footprint is located in Public Land Survey System (PLSS) Unit Letter J, Section 09, Township 26 South, Range 35 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.057784°, -103.371235°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release occurred as the result of flowline corrosion and was discovered on March 28, 2023. The release of approximately 14.2 barrels (bbls) of crude oil and 33.2 bbls of produced water were reported. The extent of the release was identified based on information provided by ConocoPhillips representatives, and a review of photographs and observations made during a site visit at the release area on March 31, 2023. The release extent was described in the spill calculator as equaling 1,239 square feet. The New Mexico Oil Conservation District (NMOCD) received the C-141 report form for the release on March 30, 2023, and subsequently assigned the release Incident ID NAPP2308946629.

LAND OWNERSHIP

The Site is located on land managed by the Bureau of Land Management (BLM). Following the release, Tetra Tech requested BLM clearance to remediate via email. The BLM cleared the Site for remediation activities via email following a desktop review conducted by Shelly Taylor of the BLM. The correspondence is included in Appendix B.

INITIAL RESPONSE

In accordance with 19.15.29.8. B. (4) NMAC that states "the responsible party may commence remediation immediately after discovery of a release", COP elected to begin remediation of the impacted area footprint. Initial response remedial actions were performed at the release site on April 6, 2023. Visibly stained areas were partially excavated to depths at 1 to 3 feet below ground surface (bgs) to remove impacted materials. Approximately 60 cubic yards of contaminated soil were removed and sent to R360 Halfway Facility in Hobbs, New Mexico for disposal. The initial response areas are indicated in Figure 3.

Tetra Tech

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SITE CHARACTERIZATION

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

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within ½ mile (800 meters) of the Site. There is one (1) water well within 2.23 miles (3,589 meters) of the site with a depth to groundwater of 230 feet below ground surface (bgs).

As the available water level information was from a well farther than ½ mile away from the Site, COP elected to drill a boring for groundwater verification. On May 24, 2023, a licensed drilling subcontractor was onsite to drill a depth-to-water (DTW) borehole to 57 feet bgs. The borehole was located on the developed pad approximately 460 feet northwest. The borehole was dry upon completion, and soils were dry from surface to total depth. The depth to groundwater in the area was thus verified as greater than 57 feet bgs. The borehole was plugged with 3/8" bentonite chips. The borehole coordinates are 32.058777°, -103.370256°, and the boring location is indicated on Figure 4B. The site characterization data, along with the boring log, is included in Appendix C.

REGULATORY FRAMEWORK

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

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

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

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

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

INITIAL SITE ASSESSMENT ACTIVITIES AND RESULTS

Tetra Tech personnel were onsite to delineate and sample the release area on April 19, 2023. A total of eleven (11) soil borings (HA-1 through HA-11) were installed using a hand auger within and around the release area to evaluate the vertical and horizontal extent of the release. HA-1 through HA-4 were installed within the release extent to assess the vertical extent of impact. The remainder of the borings were installed around the perimeter of the release footprint to delineate the horizontal extent of impacted soil. The boring locations are shown on Figure 4A.

A total of twenty-eight (28) samples were collected from the sample locations, transferred under chain of custody and analyzed within appropriate holding times by Cardinal Laboratories (Cardinal). The soil

samples were analyzed for TPH via Method 8015 Modified, chloride via Method SM4500Cl-B, and BTEX via Method 8021B.

Results from the April 2023 soil sampling event are summarized in Table 1. Analytical results associated with boring location HA-1, HA-2, HA-3 and HA-4 exceeded the RRALs for TPH and/or BTEX in soils to depths of 4, 8, 4 and 4 feet below surrounding grade, respectively. Additionally, results associated with HA-1, HA-2, HA-3, and HA-4 exceeded chloride and/or TPH reclamation requirements for soils above 4 feet bgs. All other analytical results from the April 2023 sampling were below Site RRALs and reclamation requirements for soils above 4 feet bgs. While horizontal delineation of the release area was successful, vertical delineation was not achieved during the April 2023 sampling event due to depth limitations associated with using a hand auger.

ADDITIONAL SITE ASSESSMENT ACTIVITIES AND RESULTS

Tetra Tech personnel returned to the Site to complete vertical delineation of the release area on May 25, 2023. One trench (T-1) was advanced within the release footprint at the previously installed HA-2 boring location to obtain soil samples from a greater depth. T-1 was advanced to a depth of 14 feet below surrounding grade. The trench location is shown on Figure 4A.

A total of five (5) samples were collected from the trench location and transferred under chain of custody and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH via Method 8015 Modified, chloride via Method SM4500Cl-B, and BTEX via Method 8021B.

Results from the May 2023 soil sampling event are summarized in Table 1. Analytical results associated with the sampled intervals from trench location T-1 were below RRALs and reclamation requirements for TPH, BTEX and chloride. Thus, following the May 2023 additional assessment activities, the release was considered fully delineated.

REMEDIATION WORK PLAN AND ALTERNATIVE CONFIRMATION SAMPLING PLAN

The Release Characterization Work Plan (Work Plan) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on June 16, 2023. The Work Plan described the results of the initial response activities, release assessment and provided characterization of the impact at the site. The Work Plan was approved via email by Nelson Velez of the NMOCD on Monday, September 18, 2023, with the following comment:

- *Remediation plan is approved as written. COG has 90-days (December 18, 2023) to submit its appropriate or final closure report.*

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From October 16 to October 20, 2023, Tetra Tech personnel were onsite to supervise the remedial activities proposed in the approved Remediation Work Plan, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, on October 10, 2023, the NMOCD district office was notified via email in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix B.

Impacted soils were excavated as indicated in Figure 5. The areas within the release footprint were excavated to depths ranging from 4 to 8 feet below surrounding grade. Due to safety concerns associated with working around pressurized and electrical lines, impacted soils were excavated by hand within 4 feet of subsurface lines. Heavy machinery remained outside this buffer zone to avoid any associated risk or disturbance. All excavated material was transported offsite for proper disposal. Approximately 426 cubic yards of material were transported to the Northern Delaware Basin Landfill in Jal, New Mexico. Copies of the waste manifests are included in Appendix D. Photographs from the excavated areas prior to backfill are provided in Appendix E.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per the OCD approved confirmation sampling plan, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative

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November 15, 2023

ConocoPhillips

of no more than 400 square feet of excavated area. A total of six (6) confirmation floor samples and five (5) confirmation sidewall samples were collected during remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas, 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 established Site RRALs to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The results of the October 2023 confirmation sampling events are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

RECLAMATION ACTIVITIES

Once confirmation sampling activities were completed and associated analytical results were below the RRALs, the excavated areas were backfilled with clean material to surface grade. The backfilled areas were seeded in October 2023 to aid in revegetation. Based on the location of the Site, the BLM seed mixture for LPC Sand/Shinnery Sites (Appendix G) was used for seeding and planted in the amount specified in the pounds pure live seed per acre. Photographic documentation of the excavated areas prior to and immediately following placement of backfill and seeding are provided in Appendix E.

Site inspections will be performed to assess the revegetation progress and evaluate the Site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM 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.

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. If you have any questions concerning the remediation activities for the Site, please call me at (512) 560-9064 or Christian at (512) 338-2861.



Nicholas M. Poole
Project Manager



Christian M. Llull, P.G.
Program Manager

cc:
Mr. Ike Tavarez, RMR – ConocoPhillips
Ms. Shelly Taylor, BLM

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LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent and Initial Response
- Figure 4A – Site Assessment
- Figure 4B – Site Assessment (DTW Boring)
- Figure 5 – Remedial Activities and Confirmation Sampling

Tables:

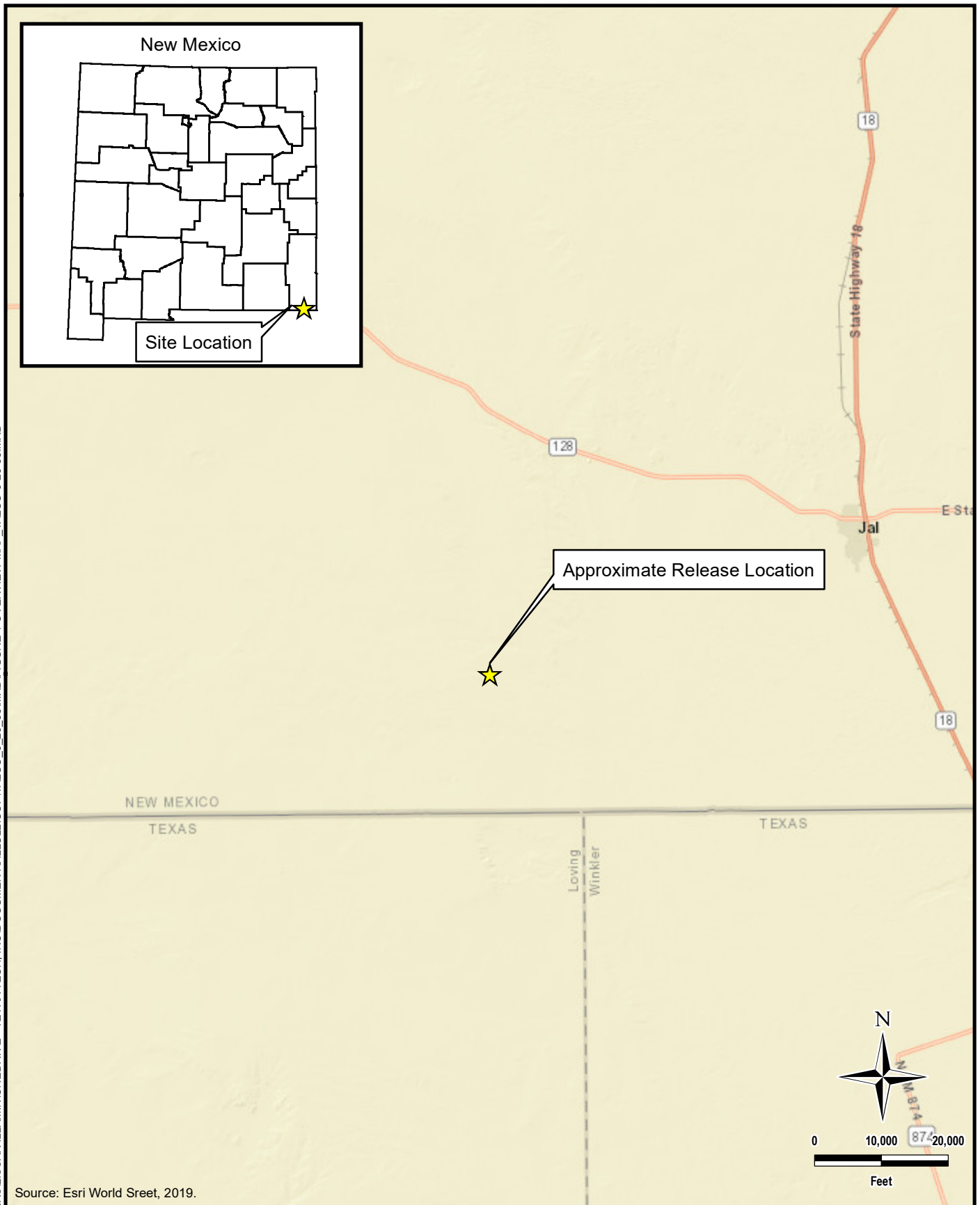
- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Confirmation Sampling

Appendices:

- Appendix A – C-141 Forms
- Appendix B – Regulatory Correspondence
- Appendix C – Site Characterization Data
- Appendix D – Waste Manifest
- Appendix E – Photographic Documentation
- Appendix F – Analytical Laboratory Data – Remediation
- Appendix G – BLM Seed Mix

FIGURES

DOCUMENT PATH: C:\USERS\LISSA.VILLAMONEDRIVE - TETRA TECH, INC\DOCUMENTS\ILLUSTRATIONS\TALCO 9-26 35MXD\FIGURE 1 OVERVIEW MAP_TALCO 9-26 35.MXD



Source: Esri World Sreet, 2019.



TETRA TECH

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CONOCOPHILLIPS

NAPP2308946629
(32.057784°, -103.371235°)
LEA COUNTY, NEW MEXICO

**TALCO 9-26 35 FEDERAL 003H FLOWLINE RELEASE
OVERVIEW MAP**

PROJECT NO.: 212C-MD-03073

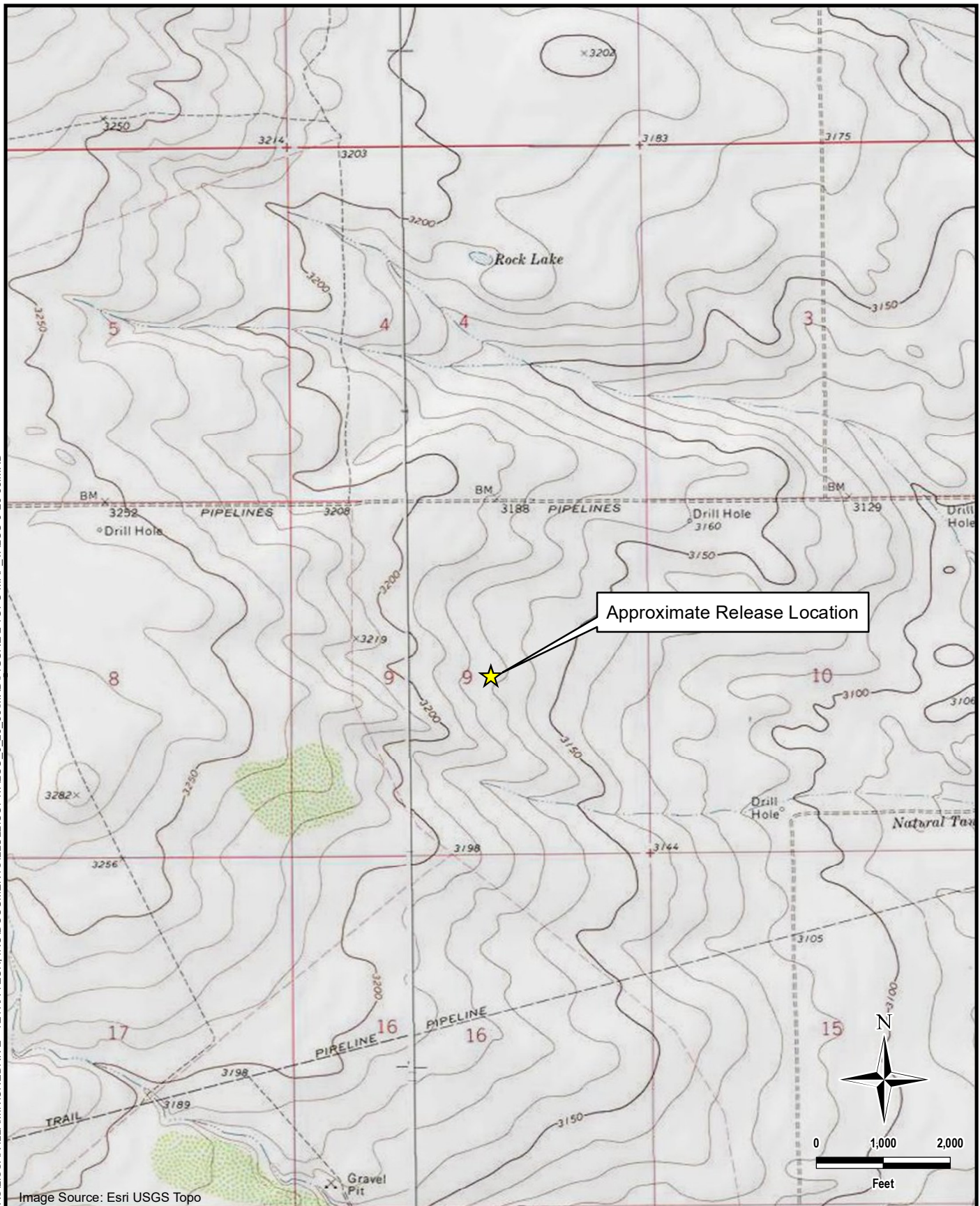
DATE: APRIL 26, 2023

DESIGNED BY: LMV

Figure No.

1

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**TALCO 9-26 35 FEDERAL 003H FLOWLINE RELEASE
TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-03073

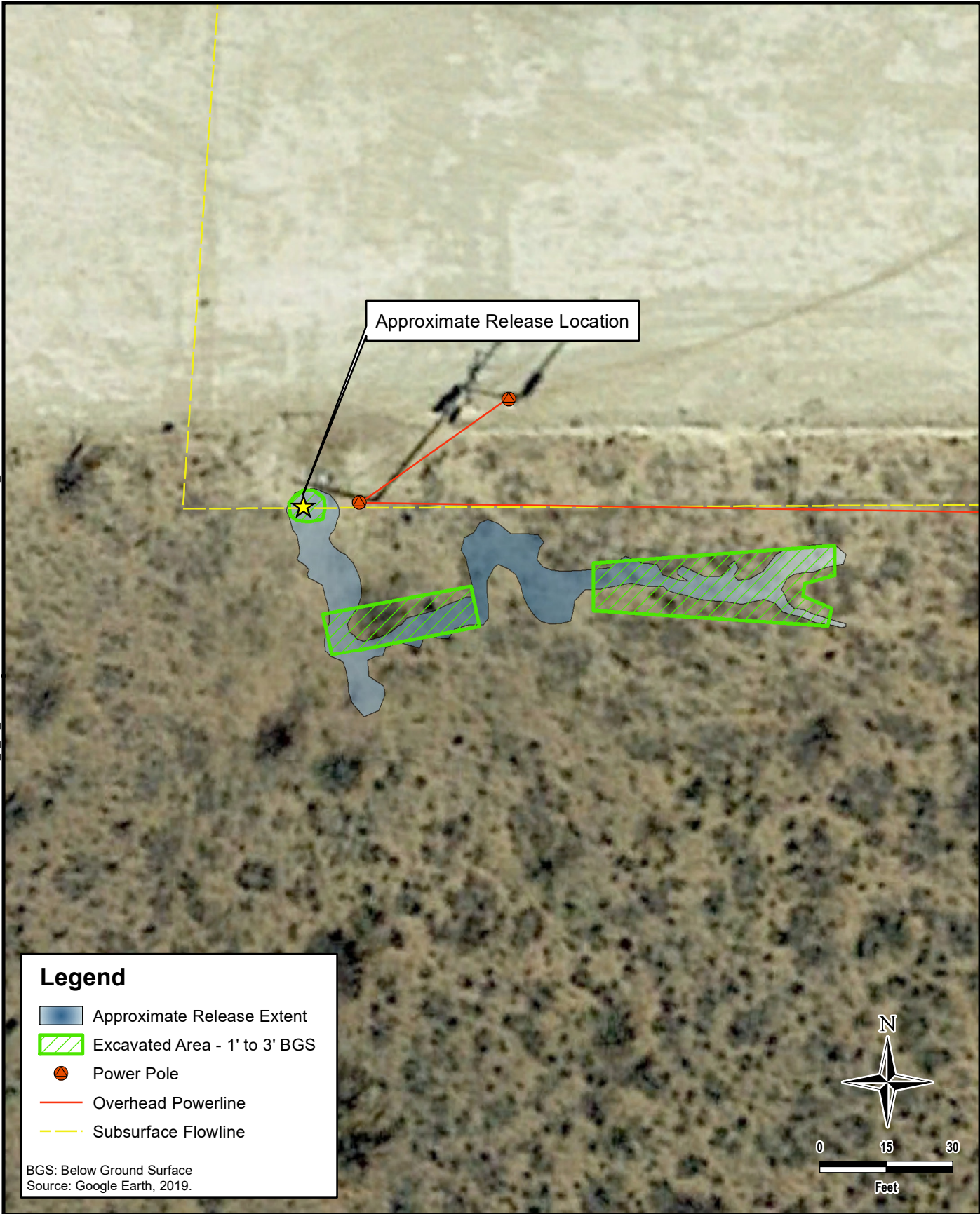
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DESIGNED BY: LMV

Figure No.

2

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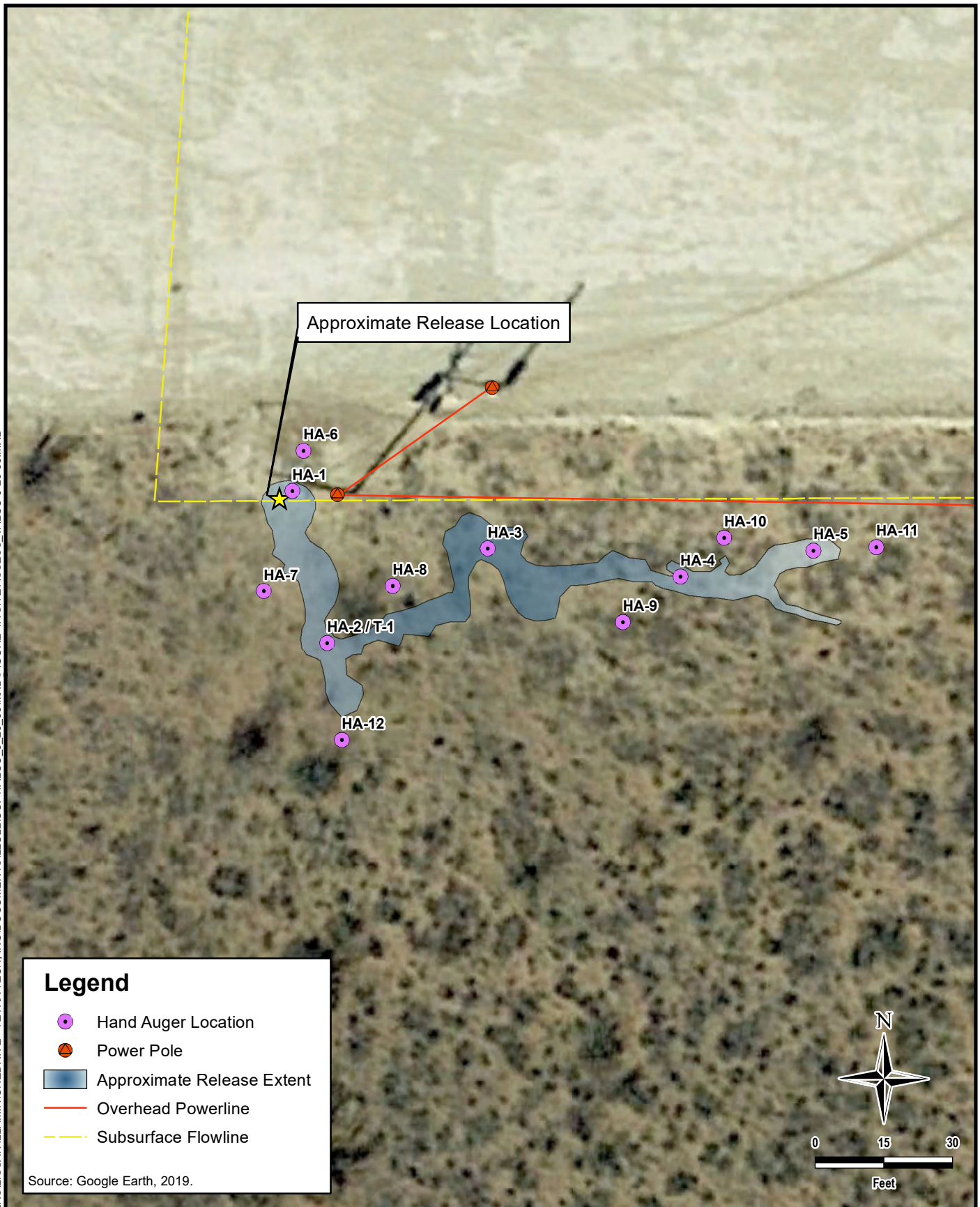


 TETRA TECH www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	CONOCOPHILLIPS NAPP2308946629 (32.057784°, -103.371235°) LEA COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03073
	TALCO 9-26 35 FEDERAL 003H FLOWLINE RELEASE APPROXIMATE RELEASE EXTENT AND INITIAL RESPONSE	DATE: APRIL 27, 2023
		DESIGNED BY: LMV
		Figure No. 3

DOCUMENT PATH: C:\USERS\LISSA.VILLAMONEDRIVE - TETRA TECH, INC\DOCUMENTS\TALCO 9-26 35\MXD\FIGURE 4B SITE ASSESS DTW TALCO 9-26-35.MXD



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**TALCO 9-26 35 FEDERAL 003H FLOWLINE RELEASE
SITE ASSESSMENT**

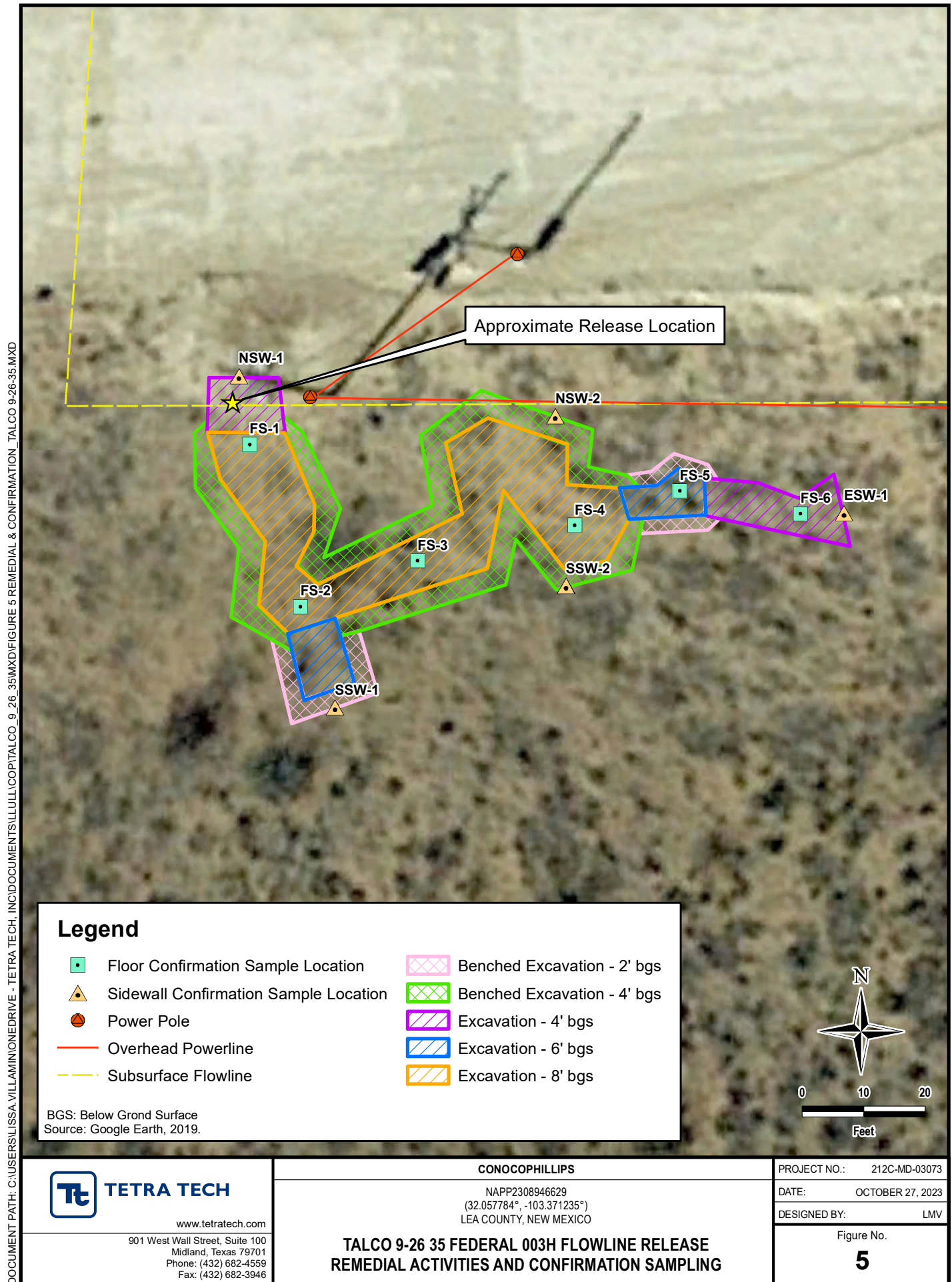
PROJECT NO.: 212C-MD-03073

DATE: JUNE 13, 2023

DESIGNED BY: LMV

Figure No.

4B



TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT - NAPP2308946629
CONOCOPHILLIPS
TALCO 9 26 35 FEDERAL #003H FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		(GRO+DRO)	Total TPH (GRO+DRO+EXT DRO)
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀	Q	> C ₁₀ - C ₂₈	Q	> C ₂₈ - C ₃₆	Q		
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:	600 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		--	100 mg/kg
		Closure Criteria for Soils >4' bgs (GW 50-100 ft):	10,000 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		1000 mg/kg	2500 mg/kg
HA-1	4/19/2023	3-4	688		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		538		93.5		538	631.5
		4-5	2,080		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		11.1		< 10.0		11.1	11.1
		5-6	2,440	QM-07	< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		19.9		< 10.0		19.9	19.9
		6-7	5,120		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		7-8	4,280		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		12.3		< 10.0		12.3	12.3
		8-9	3,400		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
HA-2 / T-1	4/19/2023	3-4	3,720		< 2.00		16.4		11.1		57.7		85.2		1890		13700		2870		15,590	18,460
		4-5	1,840		4.67		55		35.1		204		299		3950		14000		1670		17,950	19,620
		5-6	2,800		2.36	QM-07, QR-03	32.1	QM-07, QR-03	21.8	QM-07, QR-03	123	QM-07, QR-03	179	QM-07, QR-03	4280		15600		3010		19,880	22,890
		6-7	4,560		1.9		31.4		23.6		135		192		3570		12400		2220		15,970	18,190
		7-8	5,120		0.061		2.15		2.84		15.6		20.7		675		3120		526		3,795	4,321
	5/25/2023	8-9	1,250		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		221		41.7		221	262.7
		9-10	144		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		67.7		< 10.0		67.7	67.7
		10-11	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		34.5		< 10.0		34.5	34.5
		11-12	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		12-13	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		13-14	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
HA-3	4/19/2023	0-1	48.0		< 5.00		18		11.9		69		98.9		2840		7970		1470		10,810	12,280
		1-2	32.0		< 0.050		1.2		1.38		7.81		10.4		440		2550		461		2,990	3,451
		2-3	32.0		< 0.050		1.2		1.38		7.81		10.4		440		2550		461		2,990	3,451
		3-4	16.0		1.16		22.4		15		82.9		121		1670		4760		864		6,430	7,294
HA-4	4/19/2023	3-4	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		238		49.8		238	287.8
		4-5	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		12.5		< 10.0		12.5	12.5
		5-6	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		19.7		< 10.0		19.7	19.7
		6-7	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		71.5		16.3		71.5	87.8
		7-8	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		13.3		< 10.0		13.3	13.3
HA-5	4/19/2023	2-3	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
HA-6	4/19/2023	0-1	160.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
HA-7	4/19/2023	0-1	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
HA-8	4/19/2023	0-1	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
HA-9	4/19/2023	0-1	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
HA-10	4/19/2023	0-1	16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
HA-11	4/19/2023	0-1	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
HA-12	5/24/2023	0-1	< 16.0		< 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 5M4500CI-B
2 Method 8021B
3 Method 8015M

Bold and italicized values indicate exceedance of proposed Site RRALs.

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

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

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - NAPP2308946629
CONOCOPHILLIPS
TALCO 9 26 35 FEDERAL #003H FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEx ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEx		GRO		DRO		EXT DRO		(GRO+DRO)	Total TPH (GRO+DRO+EXT DRO)
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀	Q	> C ₁₀ - C ₂₈	Q	> C ₂₈ - C ₃₆	Q		
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs: Closure Criteria for Soils >4' bgs (GW 50-100 ft):	600 mg/kg		< 10 mg/kg		--		--		< 50 mg/kg		--		--		--		--		100 mg/kg	
FS-1	10/17/2023	8	752		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		17.0		<10.0		17.0	17.0
FS-2	10/17/2023	8	1630		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-3	10/17/2023	8	1090		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-4	10/17/2023	8	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-5	10/17/2023	6	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
FS-6	10/17/2023	4	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
NSW - 1	10/17/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
NSW - 2	10/17/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
ESW - 1	10/17/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
SSW - 1	10/17/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
SSW - 2	10/17/2023	-	<16.0		<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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	COG Operating, LLC	OGRID	217817
Contact Name	Jacob Laird	Contact Telephone	(575) 703-5482
Contact email	Jacob.Laird@ConocoPhillips.com	Incident # (assigned by OCD)	NAPP2308946629
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.0581 Longitude -103.3689
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Talco 9 26 35 Federal 003H	Site Type	Flowline
Date Release Discovered	March 28, 2023	API# (if applicable)	

Unit Letter	Section	Township	Range	County
G	09	26S	35E	Lea

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 14.2	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 33.2	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by a leak on a flowline due to corrosion.
The release was off the pad.
Evaluation will be made of 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.


State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Release is greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: Immediate notification was made by Jacob Laird on March 28, 2023 at 4:45 PM to ocd.enviro@state.nm.us and BLM_NM_CFO_Spill@blm.gov.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name Brittany N. Esparza	Title: Environmental Technician
Signature: 	Date: 3/28/2023
email: Brittany.Esparza@ConocoPhillips.com	Telephone: (432) 221-0398
<u>OCD Only</u>	
Received by: Jocelyn Harimon	Date: 03/30/2023

Spill Calculation - Subsurface Spill - Rectangle

NAPP2308946629

Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)	Total Corrosion Uncertainty (bbl.)
0.0	9.0	Off-Pad ▾	15.02%	18.16	2.73	30%	0.82	1.91	
0.0	9.0	Off-Pad ▾	15.02%	11.21	1.68		0.51	1.18	
0.0	12.0	Off-Pad ▾	15.02%	39.16	5.88		1.76	4.12	
0.0	12.0	Off-Pad ▾	15.02%	23.14	3.48		1.04	2.43	
0.0	12.0	Off-Pad ▾	15.02%	18.51	2.78		0.83	1.95	
0.0	12.0	Off-Pad ▾	15.02%	13.88	2.09		0.63	1.46	
0.0	12.0	Off-Pad ▾	15.02%	6.94	1.04		0.31	0.73	
0.0	24.0	Off-Pad ▾	15.02%	38.45	5.77		1.73	4.04	
0.0	24.0	Off-Pad ▾	15.02%	21.36	3.21		0.96	2.25	
0.0	0.0	Off-Pad ▾	15.02%	124.60	18.71		5.61	13.10	
Total Subsurface Volume Released:					47.3755		14.2126	33.1628	

Incident ID	NAPP2308946629
District RP	
Facility ID	fAPP2203438309
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>57 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2308946629
District RP	
Facility ID	fAPP2203438309
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: Jacob Laird Title: Environmental Engineer
Signature: *Jacob Laird* Date: 6/19/2023
email: jacob.laird@conocophillips.com Telephone: 575-703-5482

OCD Only

Received by: Jocelyn Harimon Date: 06/20/2023

Incident ID	NAPP2308946629
District RP	
Facility ID	fAPP2203438309
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: Jacob Laird Title: Environmental Engineer
Signature: *Jacob Laird* Date: 6/19/2023
email: jacob.laird@conocophillips.com Telephone: 575-703-5482

OCD Only

Received by: Jocelyn Harimon Date: 06/20/2023

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

Signature: *Nelson Velaz* Date: 09/18/2023

Remediation plan is approved as written. COG has 90-days (December 18, 2023) to submit its appropriate or final closure report.

Incident ID	NAPP2308946629
District RP	
Facility ID	fAPP2203438309
Application ID	

Closure

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

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

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

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

Printed Name: Ike Tavaréz Title: Program Manager

Signature:  Date: 11/15/2023

email: ike.tavaréz@conocophillips.com Telephone: 432-685-2573

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX B

Regulatory Correspondence

From: [Taylor, Shelly J](#)
To: [Llull, Christian](#)
Subject: Re: [EXTERNAL] COP - TALCO 9 26 35 Federal #003H FL Release
Date: Tuesday, June 13, 2023 5:36:33 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[Outlook-ewcbba4r.png](#)

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

You are cleared to proceed.

Sincerely,

Shelly J Taylor

Environmental Protection Specialist
Realty - Compliance

Bureau of Land Management/Carlsbad Field Office
620 E. Greene St
Carlsbad, NM 88220
Direct 575.234.5706
Mobile 575.499.6831
sjtaylor@blm.gov

Spill/Release email: **BLM_NM_CFO_REALTY_SPILL@BLM.GOV**

PLEASE NOTE: I have a new email address: sjtaylor@blm.gov



From: Llull, Christian <Christian.Llull@tetrattech.com>
Sent: Tuesday, April 18, 2023 1:51 PM
To: Taylor, Shelly J <sjtaylor@blm.gov>
Subject: [EXTERNAL] COP - TALCO 9 26 35 Federal #003H FL Release

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

Shelly,

The **TALCO 9-26-35 Flowline Release** is just off pad on BLM land.
See attached kmz.
Site in Lea County, NM about 11.1 miles southwest of Jal on BLM land.

TALCO 9-26-35 Flowline Release

API 30-025-43458

32.05816, -103.36893

DOR 3/28/23

Off-pad in Pasture Flowline

Incident ID NAPP2308946629

BLM Land

We will plan to remediate in the next 60 days.
Should I submit this to the CFO real estate email address blm_nm_cfo_realty_spill@blm.gov?

Christian Llull, P.G. | Program Manager

Direct +1 (512) 338-2861 | Business +1 (512) 338-1667 | Fax +1 (512) 338-1331 | christian.llull@tetrattech.com

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetrattech.com

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Please consider the environment before printing. [Read more](#)



Poole, Nicholas

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, October 10, 2023 11:23 AM
To: Poole, Nicholas; Velez, Nelson, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Incident ID: NAPP2308946629,- Confirmation Sampling

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

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

Good morning Nicholas,

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

Thank you,

Shelly

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

From: Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>
Sent: Tuesday, October 10, 2023 9:57 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] Incident ID: NAPP2308946629,- Confirmation Sampling

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

Incident ID (n#) **NAPP2308946629 (Talco 9-26-35 Federal 003H Flowline Release)**

To whom it may concern,

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

Remediation activities of the release will begin Monday, October 16, 2023.

Thus, on behalf of ConocoPhillips for the above referenced incident, Tetra Tech is duly providing this communication which serves as notification that final confirmation sampling will be conducted at this site **Tuesday, October 17, 2023.**

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

Nicholas Poole | Staff Geoscientist
Mobile +1 (512) 560-9064 | nicholas.poole@tetrattech.com

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetrattech.com

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APPENDIX C

Site Characterization Data



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04601 POD1	CUB	LE		3	4	3	05	26S	35E	651710	3548919	2244			
CP 01305 POD1	CP	LE		1	4	31	25S	37E	655628	3551065	3589	420	230	190	

Average Depth to Water: **230 feet**

Minimum Depth: **230 feet**

Maximum Depth: **230 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 653758.12

Northing (Y): 3548000.8

Radius: 4000

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.

4/10/23 1:54 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

212C-MD-03073		TETRA TECH		LOG OF BORING DTW			Page 1 of 1		
Project Name: Talco 9-26-35 Fed 3H									
Borehole Location GPS Coordinates: 32.058730°, -103.370426°				Surface Elevation: 3166 ft					
Borehole Number: DTW				Borehole Diameter (in.): 8		Date Started: 5/24/2023		Date Finished: 5/24/2023	

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		DEPTH (ft)	REMARKS
												While Drilling	Upon Completion of Drilling		
			ExStik	PID				LL	PI			REMARKS: MATERIAL DESCRIPTION			
5												-SM- SAND: Brown, dry, fine- to coarse-grained, pad material	2		
												-SM- SAND: Light reddish brown, dry, fine-grained, weakly cemented	6		
10												-SC- CLAYEY SAND: Light reddish brown, dry, fine-grained, trace caliche nodules	8		
												-SC- CLAYEY SAND: Light brown to brown, dry, fine-grained, weakly cemented, trace caliche nodules	14		
15												-SM- SAND: Light reddish brown, dry, very fine- to fine-grained, weakly cemented	19		
20												-SP- SAND: Light reddish brown, loose, dry, very fine-grained			
25															
30															
35															
40												-SM- SAND: Light reddish brown, loose, dry, very fine-grained	39		
45															
50															
55												-- Cuttings collected at 54 feet, soil sample dry	57		
Bottom of borehole at 57.0 feet.															

Sampler Types: Split Spoon Shelby Bulk Sample Grab Sample	Acetate Liner Vane Shear Discrete Sample Test Pit	Operation Types: Mud Rotary Continuous Flight Auger Wash Rotary	Hand Auger Air Rotary Direct Push Core Barrel	Notes: Surface elevation is an approximate value obtained from Google Earth data.
--	--	---	--	---

Logger: Colton Bickerstaff	Drilling Equipment: Air Rotary	Driller: Scarborough Drilling
-----------------------------------	---------------------------------------	--------------------------------------

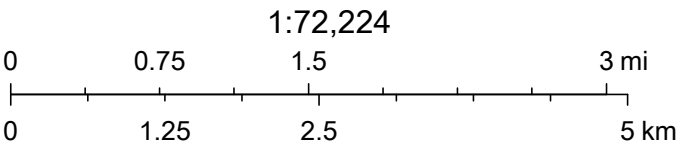
OCD Karst Potential Map



4/10/2023, 3:00:00 PM

Karst Occurrence Potential

 Low



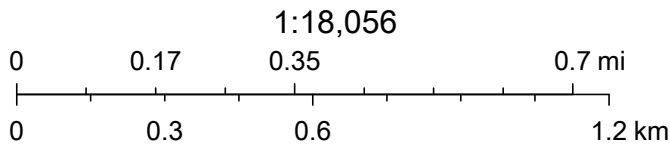
BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Earthstar Geographics

OCD Waterbodies Map



4/10/2023, 2:58:34 PM

— OSE Streams



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

OCD - Mineral and Surface Ownership



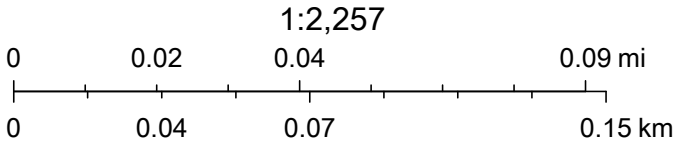
5/8/2023, 3:25:26 PM

Mineral Ownership

A-All minerals are owned by U.S.

Land Ownership

BLM



U.S. BLM, Maxar, Microsoft, Esri, HERE, Garmin, iPC

APPENDIX D

Waste Manifest



Customer Copy

WEIGHT TICKET

Ticket # 195818

Start: 10/16/2023 11:36 AM

End: 10/16/2023 11:42 AM

By: OWL Ivan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Spill

16	CO	16	\$0.01	\$0.16
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Talco 9 2E 33 Fed

Well: OCS-I

AFE #: N/A

County, State: LEA (NM)

API #: 5002543458

Client Company Man: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

H2S PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Photos

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Victoria Hardy

ID/Person: Victoria Hardy



WEIGHT TICKET

Ticket # 198819

Start: 10/16/2023 11:45 AM

End: 10/16/2023 11:59 AM

By: owl.geraldina

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	20	\$0.01	\$0.20

Hauler: McNabb Partners

Driver: Andrew Garcia

Lease: Talco 9-25-35 Federal

Well: OC3H

AFE #: WAG0007335001M

County, State: LEA (NM)

API #: 3002543458

Manifest #: N/A

Client Company Name: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps/ Truck #83

UOM: Cuyd

UOM Count: 20

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS	C1	CO	01	\$0.00	\$0.00
--------------------	----	----	----	--------	--------

Paint Filter - PASS	C1	CO	01	\$0.00	\$0.00
---------------------	----	----	----	--------	--------

NORM - PASS	C1	CO	01	\$0.00	\$0.00
-------------	----	----	----	--------	--------

Additional Photos	C1	CO	01	\$0.00	\$0.00
-------------------	----	----	----	--------	--------

24

\$0.01 \$0.20

SUBTOTAL ----> \$0.20

TAX ----> \$0.01

ROUNDING ----> \$-0.00

TOTAL ----> \$0.21

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Talco Fed 003 H



Customer Copy

WEIGHT TICKET

Ticket # 199826

Start: 10/16/2023 12:44 PM

End: 10/16/2023 12:58 PM

By: DWL, Leslie

GROSS	TARE	NET	PRICE	AMOUNT
18	00	18	\$0.01	\$0.18

Contaminated Soil

Hauler: McNabb

Driver: Alvin Tercero

Lease: Talco 9 26 35 Federal

Well: OC3H

AFE #: WAD000733900RM

County, State: LEA (NM)

API #: 3002543458

Manifest #: N/A

Client Company Men: Ike Tavaraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump / Truck M-31

UOM: Cuyd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

22

10.01

\$0.18

SUBTOTAL ---> \$0.18

TAX ---> \$0.01

ROUNDING ---> \$0.00

TOTAL ---> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Libera:



Customer Copy

WEIGHT TICKET

Ticket # 199847

Start: 10/16/2023 12:48 PM

End: 10/16/2023 1:04 PM

By: DWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
03	00	03	\$0.01	\$0.08

Hauler: McNabb Partners

Driver: Isaiah Garcia

Lease: Talco 9 28 35 Fed

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: 3002543458

Client Company Name: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 3

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
01	00	01	\$0.00	\$0.00

Paint Filter - PASS				
01	00	01	\$0.00	\$0.00

NORM - PASS				
01	00	01	\$0.00	\$0.00

Additional Photos				
01	00	01	\$0.00	\$0.00

12			\$0.01	\$0.08
----	--	--	--------	--------

SUE TOTAL ----> \$0.08

TAX ----> \$0.00

ROUNDING ----> \$0.00

TOTAL ----> \$0.08

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



WEIGHT TICKET

Ticket # 199837

Start: 10/16/2023 01:28 PM

End: 10/16/2023 01:38 PM

By: cwl.leslie

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil		20	\$0.01	\$0.20

Hauler: McNaughton

Driver: Victoria Hardy

Lease: Talco 9-2E-35 Federal

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: 0002543458

Manifest #: N/A

Client Company Name: Ike Tavaraz

Rig Name & Number: N/A

Trucking Ticket #: N/A

Truck Type: Lumpy Truck M-35

UOM: Cuyd

UOM Count: 20

FF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS		01	\$0.00	\$0.00
--------------------	--	----	--------	--------

Paint Filter - PASS		01	\$0.00	\$0.00
---------------------	--	----	--------	--------

WORM - PASS		01	\$0.00	\$0.00
-------------	--	----	--------	--------

Additional Photos		01	\$0.00	\$0.00
-------------------	--	----	--------	--------

24	\$0.01	\$0.20
----	--------	--------

SUBTOTAL	---->	\$0.20
TAX	---->	\$0.01
ROUNDING	---->	\$-0.00
TOTAL	---->	\$0.21

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Victoria Hardy



Customer Copy

WEIGHT TICKET

Ticket # 199842

Start: 10/16/2023 01:53 PM

End: 10/16/2023 01:59 PM

By: cwl.leslie

GROSS	TARE	NET	PRICE	AMOUNT
18	00	18	\$0.01	\$0.18

Contaminated Soil

Hauler: McNabb

Driver: Asia Mayberry

Lease: Talco 9 26 35 Fed Com

Well: 3H

AFE #: WAD000733500RM

County, State: LEA (NM)

API #: 3002343458

Manifest #: N/A

Client Company Man: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UDM: Dwyd

UDM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

	\$0.01	\$0.18
--	--------	--------

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Talco Fed 003H

2016



Customer Copy

WEIGHT TICKET

Ticket # 199860

Start: 10/15/2023 03:06 PM

End: 10/16/2023 03:16 PM

By: DWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
08	00	08	\$0.01	\$0.08

Hauler: McNabb Partners

Driver: Isaiah Garcia

Lease: Talco 9 28 31 Fed

Well: 003H

AFE #: N/A

County, State: LEA (NM)

API #: 3002543458

Client Company Man: Ike Tavaréz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 3

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

12

\$0.01 \$0.08

SUBTOTAL ----> \$0.08

TAX ----> \$0.00

ROUNDING ----> \$0.00

TOTAL ----> \$0.08

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:



WEIGHT TICKET

Ticket # 199859

Start: 10/16/2023 03:03 PM

End: 10/16/2023 03:14 PM

By: cwl.leslie

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil				
16	CO	16	\$0.01	\$0.16

Hauler: McNabb

Driver: Alberto Terrero

Lease: Talco 9-26-35 Federal

Well: OOSH

AFE #: N/A

County, State: LEA (NM)

API #: 0002543458

Manifest #: N/A

Client Company Man: Ike Taveres

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump / Truck M-31

UCM: Durd

UCM Court: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

20

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

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



WEIGHT TICKET

Ticket # 195862

Start: 10/16/2023 03:13 PM

End: 10/16/2023 03:25 PM

By: DWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Talco 9 28 34 Fed

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: 5002543458

Manifest #: N/A

Client Company Name: Ike Tavaraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

20

\$0.01	\$0.16
--------	--------

SUBTOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

WEIGHT TICKET

Ticket # 199867

Start: 10/16/2023 03:43 PM

End: 10/16/2023 03:48 PM

By: OWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	CO	18	\$0.01	\$0.18

Hauler: McNabb Partners
 Driver: Adia Mayberry
 Lease: Talco 9 26 35 Fed
 Well: OC3-I
 AFE #: N/A
 County, State: LEA (NM)
 API #: 3002543458
 Client Company Name: Ike Tavarez
 Rig Name & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Belly Dumps
 UOM: CuYd
 UOM Count: 18
 PF Test Result: Pass
 H2S Test: Pass

H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NDRM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

22			\$0.01	\$0.18
----	--	--	--------	--------

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

---WEIGHT TICKET---

Ticket # 199989

Start: 10/17/2023 11:46 AM

End: 10/17/2023 11:52 AM

B, :DWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

18	00	18	\$0.01	\$0.18
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Anie Mayberry

Lease: Talco 9 28 35 Fed

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: 5002543458

Manifest #: N/A

Client Company Man: Ike Tavaroz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UDM: Cuyd

UDM Count: 18

RF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

22			\$0.01	\$0.18
----	--	--	--------	--------

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Talco Fed 003H



WEIGHT TICKET

Ticket # 199988

Start: 10/17/2023 11:45 AM

End: 10/17/2023 11:54 AM

By: cwl.leslie

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
14	CO	14	\$0.01	\$0.14

Hauler: McNabb

Driver: Villera Hardy

Lease: Talco 9-26-33 Federal

Well: OC3H

AFE #: W400007335003M

County, State: LEA (NM)

API #: 0002343456

Manifest #: N/A

Client Company Men: Iko Tavaraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump/ Truck M-35

UDM: Cuyd

UDM Count: 14

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

			\$0.01	\$0.14
18				

SUBTOTAL ----> \$0.14
 TAX ----> \$0.01
 ROUNDING ----> \$-0.00
 TOTAL ----> \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

WEIGHT TICKET

Ticket # 199993

Start: 10/17/2023 12:03 PM

End: 10/17/2023 12:14 PM

By: DWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
C8	C0	08	\$0.01	\$0.08

Hauler: McNabb Partners

Driver: Isaiah Garcia

Lease: Talco 9 2E 35 Fed

Well: 003H

AFE #: N/A

County, State: LEA (NM)

API #: 8002543458

Client Company Name: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 3

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

12			\$0.01	\$0.08
----	--	--	--------	--------

SUBTOTAL ----> \$0.08

TAX ----> \$0.00

ROUNDING ----> \$0.00

TOTAL ----> \$0.08

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



WEIGHT TICKET

Ticket # 200011

Start: 10/17/2023 02:10 PM

End: 10/17/2023 02:20 PM

By: cwl.leslie

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	CO	18	\$0.01	\$0.18

Hauler: McNabb

Driver: Arie Mayberry

Lease: Talco 9 28 35 Federal

Well: 3H

AFE #: WAD000733500

County, State: LEA (NM)

API #: 3002543458

Manifest #: N/A

Client Company Men: Ike Tavaraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps/ Truck M-85

UDM: Cuyd

UDM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

22			\$0.01	\$0.18
----	--	--	--------	--------

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

Customer: ConocoPhillips Company
 Driver: Karan Work
 ID/License:

TALCA Fed 003 H



Customer Copy

WEIGHT TICKET

Ticket # 200017

Start: 10/17/2023 02:32 PM

End: 10/17/2023 02:39 PM

By: OWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

C8	C0	08	\$0.01	\$0.08
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Isaiah Garcia

Lease: Talco 9 2E 35 Fed

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: 3002543456

Client Company Man: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: DUYd

UDM Count: 3

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

12			\$0.01	\$0.08
----	--	--	--------	--------

SUE TOTAL ----> \$0.08

TAX ----> \$0.00

ROUNDING ----> \$0.00

TOTAL ----> \$0.08

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

WEIGHT TICKET

Ticket # 200035

Start: 10/17/2023 03:57 PM

End: 10/17/2023 04:02 PM

By: DNL Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	CO	18	\$0.01	\$0.18

Hauler: McNabb Partners

Driver: Arie Mayberry

Lease: Talco 9 26 35 Fed

Well: 003H

AFE #: N/A

County, State: LEA (NM)

API #: 5002543458

Client Company Man: Ike Tavaraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

22

\$0.01 \$0.18

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Talco Fed 003H

Arie Truck M83



Customer Copy

WEIGHT TICKET

Ticket # 200158

Start: 10/18/2023 10:20 AM

End: 10/18/2023 10:26 AM

By: OWL Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	00	18	\$0.01	\$0.18

Hauler: McNabb Partners

Driver: Acie Mayberry

Lease: Talco 9 28 35 Fed

Well: 003H

AFE #: N/A

County, State: LEA (NM)

API #: 3002543458

Client Company Name: Ike Tavaréz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UDM: Dryd

UDM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

22			\$0.01	\$0.18
----	--	--	--------	--------

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Talco Fed 003H

Acie Truck M83



Customer Copy

WEIGHT TICKET

Ticket # 200161

Start: 10/18/2023 10:45 AM

End: 10/18/2023 10:53 AM

By: owl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

08	00	08	\$0.01	\$0.08
----	----	----	--------	--------

Hauler: McNabb

Driver: Isaiiah Garcia

Lease: Talco 9 28 35 Federal

Well: 3 H

AFE #: N/A

County, State: LEA (NM)

API #: 8002543458

Manifest #: 0275326

Client Company Man: Ike Tavaraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: DuYd

UDM Count: 3

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

12

\$0.01

\$0.08

SUBTOTAL ----> \$0.08

TAX ----> \$0.00

ROUNDING ----> \$0.00

TOTAL ----> \$0.08

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



OWL Landfill Services, LLC
DBA: Northern Delaware Basin Landfill
8201 Preston Rd., Suite 520
Dallas, TX 75225
214.292.2011
ar@ndblandfill.com

COMPANY MAN: _____
(Authorized Agent's Printed Name and Title)
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST # Page 54 of 91

0275326

COMPANY NAME: _____

DATE: _____

LEASE: _____

PHONE: _____

AFE #: _____ API: _____

QUANTITY: _____ ☐ BBLS

RIG NAME: _____ WELL #: _____

☐ YARDS

STATE & COUNTY ORIGIN: _____

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☐ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners☐ Other: _____

Authorize Washout?

☐ Yes☐ No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name _____ Date _____ Signature _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: _____ YARD #: _____ WHP #: _____ TRUCK #: _____

ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____

DATE _____ TIME _____ ☐ AM

DISPATCHER

DISPATCHER

RECEIVED: _____ RECEIVED: _____ ☐ PM

NAME: _____

PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: _____ DRIVER'S SIGNATURE: _____

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: _____ TIME IN: _____ AM / PM

TIME OUT: _____ AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____

WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A

TCLP: PASS FAIL N/A

TOX: PASS FAIL N/A

NORM

TESTING:

(Less than 50 MCR)

Shake Out:

1 2 3

H₂O
S

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____ Employee (Printed Name) _____ has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: _____

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



Customer Copy

WEIGHT TICKET

Ticket # 200178

Start: 10/18/2023 12:30 PM

End: 10/18/2023 12:37 PM

By: owl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

18

CO

18

\$0.01

\$0.18

Hauler: McNabb

Driver: Asia Mayberry

Lease: Talco 9 28 35 Federal

Well: 3 H

AFE #: N/A

County, State: LEA (NM)

API #: 8002543458

Manifest #: 19

Client Company Man: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1

CO

01

\$0.00

\$0.00

Paint Filter - PASS

C1

CO

01

\$0.00

\$0.00

NORM - PASS

C1

CO

01

\$0.00

\$0.00

Additional Photos

C1

CO

01

\$0.00

\$0.00

22

\$0.01

\$0.18

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

TALCO Fed 003 H

TRUCK M&B



Customer Copy

WEIGHT TICKET

Ticket # 200185

Start: 10/18/2023 12:55 PM

End: 10/18/2023 12:58 PM

By: OWL Ivan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

C8	C0	08	\$0.01	\$0.08
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Isaiah Garcia

Lease: Talco 9 28 35 Fed

Well: OCSH

AFE #: N/A

County, State: LEA (NM)

API #: 5002543458

Client Company Man: Ike Taveraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 3

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

12			\$0.01	\$0.08
----	--	--	--------	--------

SUB-TOTAL ----> \$0.08

TAX ----> \$0.00

ROUNDING ----> \$0.00

TOTAL ----> \$0.08

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



WEIGHT TICKET

Ticket # 200203

Start: 10/18/2023 02:58 PM

End: 10/18/2023 03:07 PM

By: DML Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	CO	18	\$0.01	\$0.18

Hauler: McNabb Partners

Driver: Asia Mayberry

Lease: Talco 9 28 35 Fed

Well: 003H

AFE #: N/A

County, State: LEA (NM)

API #: 8002543458

Client Company Man: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: Cuyd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

22			10.01	\$0.18
----	--	--	-------	--------

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

Customer: ConocoPhillips Company
 Driver: Karen Work
 ID/License:

TALCO Fed 003H
 ACIE TRUCK M83



Customer Copy

---WEIGHT TICKET---

Ticket # 200207

Start: 10/18/2023 03:14 PM

End: 10/18/2023 03:20 PM

By: DWL Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
C8	C0	08	\$0.01	\$0.08

Hauler: McNabb Partners

Driver: Isaiiah Garcia

Lease: Talco 9 26 35 Fed

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: 8002543458

Client Company Man: Ike Tavaraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 3

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	C0	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	C0	01	\$0.00	\$0.00

NDRM - PASS				
C1	C0	01	\$0.00	\$0.00

Additional Photos				
C1	C0	01	\$0.00	\$0.00

12

\$0.01 \$0.08

SUBTOTAL ----> \$0.08

TAX ----> \$0.00

ROUNDING ----> \$0.00

TOTAL ----> \$0.08

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:



Customer Copy

WEIGH TICKET

Ticket # 200300

Start: 10/19/2023 10:31 AM

End: 10/19/2023 10:33 AM

By: cwl, any

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	00	18	\$0.01	\$0.18

Hauler: McNabb Partners

Driver: Acie Mayberry

Lease: Talco 9 26 35 Federal

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: 3002543458

Manifest #: 23

Client Company Man: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

22			\$0.01	\$0.18
----	--	--	--------	--------

SUBTOTAL ----> \$0.18

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.19

Customer: Environmental Partners

Driver: Karen Wolk

ID# 100000

Talco Fed 003 H



Customer Copy

WEIGHT TICKET

Ticket # 200302

Start: 10/19/2023 10:33 AM

End: 10/19/2023 10:44 AM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	00	16	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Lumar Rodriguez

Lease: Talco 9 2E 35 Federal

Well: OC3H

APE #: N/A

County, State: LEA (NM)

API #: 5002543456

Manifest #: 24

Client Company Man: Ike Tavaraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01

\$0.16

SUE TOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karan Work

ID/License:

Lumar Rdz



Customer Copy

WEIGHT TICKET

Ticket # 200322

Start: 10/19/2023 01:12 PM

End: 10/19/2023 01:21 PM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	CO	18	\$0.01	\$0.18

Hauler: McNabb Partners

Driver: Asia Mayberry

Lease: Talco 9 26 35 Federal

Well: 003H

AFE #: N/A

County, State: LEA (NM)

API #: 5002543458

Manifest #: 25

Client Company Name: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

22			\$0.01	\$0.18
----	--	--	--------	--------

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

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Talco Fed 003H

Here Truck M83



Customer Copy

WEIGHT TICKET

Ticket # 200321

Start: 10/19/2023 01:12 PM

End: 10/19/2023 01:22 PM

By: owl.adan

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

Hauler: McNabb Trucking

Driver: Uriel Fraine

Lease: Talco 9 28 35 Fed Com

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: 5002543458

Client Company Men: Andrew Garcia

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: Cuyd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	10.00	\$0.00

Paint Filter - PASS				
C1	CO	01	10.00	\$0.00

NORM - PASS				
C1	CO	01	10.00	\$0.00

Additional Photos				
C1	CO	01	10.00	\$0.00

22			10.01	\$0.18
SUBTOTAL				→ \$0.18
TAX				→ \$0.01
ROUNDING				→ \$0.00
TOTAL				→ \$0.19

Customer: ConocoPhillips Company
 Driver: Karen Work
 ID/License:



Customer Copy

WEIGHT TICKET

Ticket # 200324

Start: 10/19/2023 01:19 PM

End: 10/19/2023 01:28 PM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	00	16	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Lumar Rodriguez

Lease: Talco 9 28 35 Federal

Well: 003H

AFE #: N/A

County, State: LEA (NM)

API #: 8002543458

Manifest #: 27

Client Company Man: Ike Tavaraz

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUE TOTAL ----> \$0.16

TAX ----> \$0.01

ROUNDING ----> \$0.00

TOTAL ----> \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

WEIGHT TICKET

Ticket # 200307

Start: 10/19/2023 11:05 AM

End: 10/19/2023 11:14 AM

By: owl.adan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

C8 CO

08 10.01

\$0.08

Hauler: McNabb Partners

Driver: Isaiah Garcia

Lease: Talco 9 26 35 Fed

Well: OC3H

AFE #: N/A

County, State: LEA (NM)

API #: 500254345

Manifest #: 0276329

Client Company Man: Ike Tavarez

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: Cuyd

UDM Count: 3

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1 CO

01 10.00

\$0.00

Paint Filter - PASS

C1 CO

01 10.00

\$0.00

NORM - PASS

C1 CO

01 10.00

\$0.00

Additional Photos

C1 CO

01 10.00

\$0.00

12

10.01 \$0.08

SUBTOTAL --> \$0.08

TAX --> \$0.00

ROUNDING --> \$0.00

TOTAL --> \$0.08

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

DBA: Northern Delaware Basin Landfill

8201 Preston Rd., Suite 520
Dallas, TX 75225
214.292.2011
ar@ndblandfill.com

COMPANY MAN: _____

(Authorized Agent's Printed Name and Title)

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE: _____

MANIFEST of 91

0276329

COMPANY NAME: _____

DATE: _____

LEASE: _____

PHONE: _____

AFE #: _____ API: _____

RIG NAME: _____ WELL #: _____

QUANTITY: _____ ☐ BBLs_____ ☐ YARDS

STATE & COUNTY ORIGIN: _____

Waste Description (check only one box)



RCRA Exempt



RCRA Non-Exempt

☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☐ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners☐ Other: _____

Authorize Washout?



Yes



No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name _____ Date _____ Signature _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: _____ YARD #: _____ WHP #: _____ TRUCK #: _____

ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____

DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM

DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

_____ ☐ PM

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: _____ DRIVER'S SIGNATURE: _____

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 12-19-23 TIME IN: 11:05 AM / PM
TIME OUT: _____ AM / PM☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____

WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A

TCLP: PASS FAIL N/A

TOX: PASS FAIL N/A

NORM
TESTING:(Less than 50
MCR)

Shake Out:

1	2	3

H₂O
S

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____
Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: _____

Part 2 - Transporter

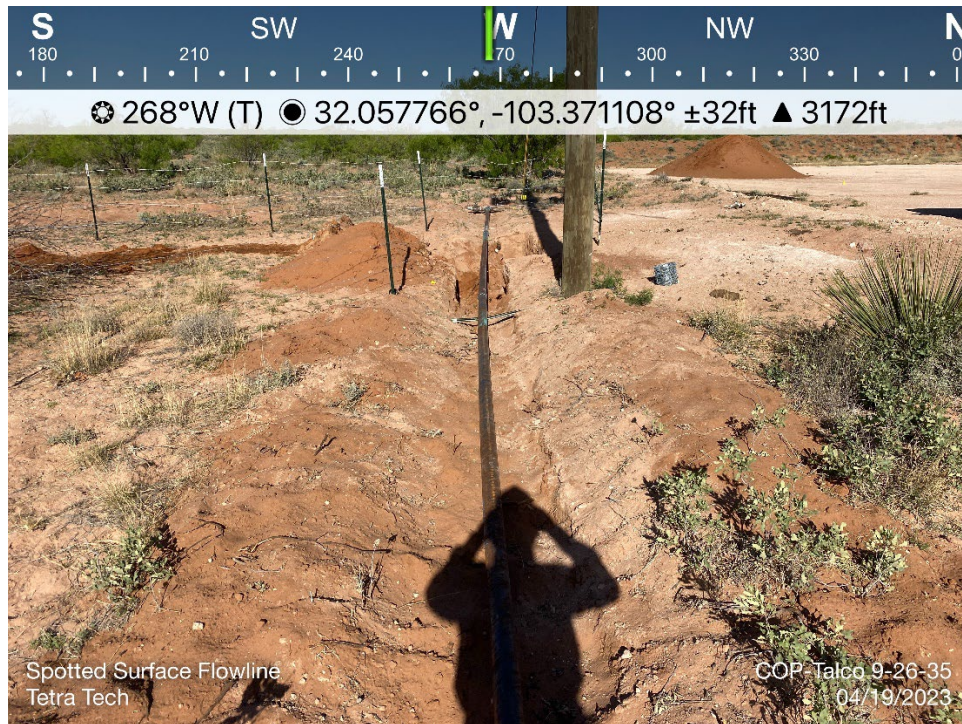
Part 3 - Disposal Facility

APPENDIX E

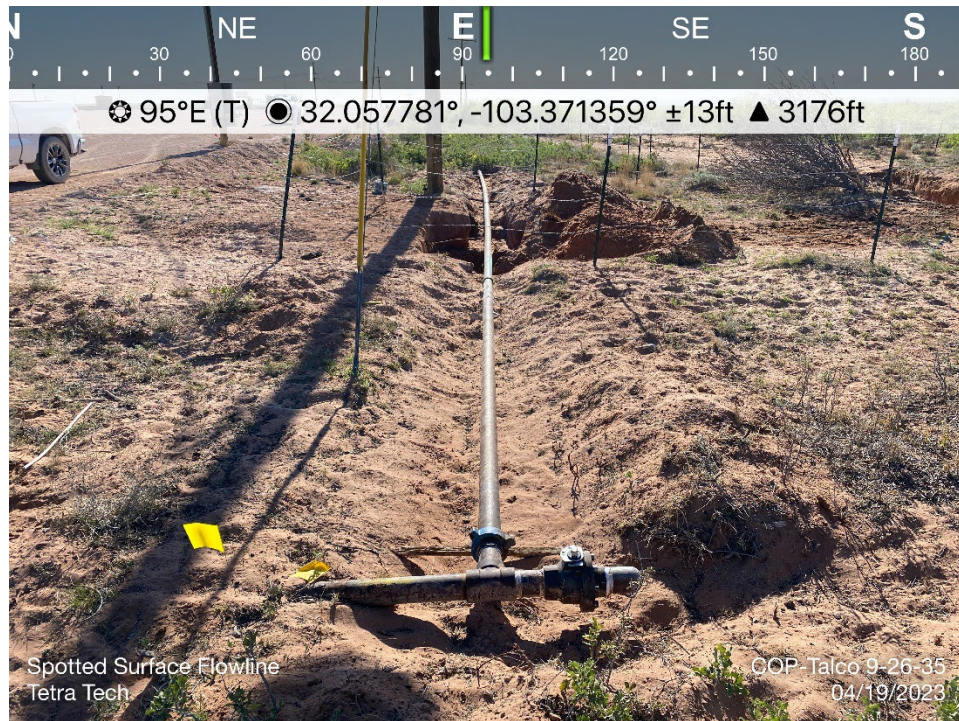
Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	Site signage. Talco 9 26 35 Federal 3H and location information.	1
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	3/31/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View west. Initial Response excavation, exposed subsurface steel line.	2
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	4/19/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View east. Initial Response excavation and exposed subsurface steel line.	3
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	4/19/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View west. Initial Response excavation, residual staining.	4
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	4/19/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View east. East-west axis of excavation.	5
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	10/18/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View east-northeast. Easternmost section of excavation.	6
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	10/18/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View south. Westernmost section of excavation.	7
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	10/18/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View east-southeast. West side of excavation.	8
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	10/18/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View west-southwest. Benching along sidewalls of excavation.	9
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	10/18/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View north. Northwest corner of excavation, Expose steel flowline.	10
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	10/19/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View southeast. Completed remediation. Backfilled and seeded.	11
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	10/20/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03073A	DESCRIPTION	View northwest. Completed remediation. Backfilled and seeded.	12
	SITE NAME	Talco 9-26-35 Federal #003H Flowline Release	10/20/2023

APPENDIX F

Analytical Laboratory Data – Remediation



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

October 18, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: TALCO 9-26-35 FEDERAL 003H

Enclosed are the results of analyses for samples received by the laboratory on 10/17/23 16:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/17/2023	Sampling Date:	10/17/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TALCO 9-26-35 FEDERAL 003H	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03073 A	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: FS - 1 (H235686-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2023	ND	1.92	96.2	2.00	0.422		
Toluene*	<0.050	0.050	10/18/2023	ND	1.90	95.1	2.00	2.17		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.00	99.8	2.00	2.79		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.01	100	6.00	2.75		
Total BTX	<0.300	0.300	10/18/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	10/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	17.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2023	Sampling Date:	10/17/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TALCO 9-26-35 FEDERAL 003H	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03073 A	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: FS - 2 (H235686-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2023	ND	1.92	96.2	2.00	0.422		
Toluene*	<0.050	0.050	10/18/2023	ND	1.90	95.1	2.00	2.17		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.00	99.8	2.00	2.79		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.01	100	6.00	2.75		
Total BTEx	<0.300	0.300	10/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1630	16.0	10/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/17/2023
 Reported: 10/18/2023
 Project Name: TALCO 9-26-35 FEDERAL 003H
 Project Number: 212C - MD - 03073 A
 Project Location: LEA COUNTY, NM

Sampling Date: 10/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 3 (H235686-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2023	ND	1.92	96.2	2.00	0.422		
Toluene*	<0.050	0.050	10/18/2023	ND	1.90	95.1	2.00	2.17		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.00	99.8	2.00	2.79		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.01	100	6.00	2.75		
Total BTEX	<0.300	0.300	10/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	10/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/17/2023
 Reported: 10/18/2023
 Project Name: TALCO 9-26-35 FEDERAL 003H
 Project Number: 212C - MD - 03073 A
 Project Location: LEA COUNTY, NM

Sampling Date: 10/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 4 (H235686-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2023	ND	1.92	96.2	2.00	0.422		
Toluene*	<0.050	0.050	10/18/2023	ND	1.90	95.1	2.00	2.17		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.00	99.8	2.00	2.79		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.01	100	6.00	2.75		
Total BTEx	<0.300	0.300	10/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/17/2023
 Reported: 10/18/2023
 Project Name: TALCO 9-26-35 FEDERAL 003H
 Project Number: 212C - MD - 03073 A
 Project Location: LEA COUNTY, NM

Sampling Date: 10/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 5 (H235686-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2023	ND	1.92	96.2	2.00	0.422		
Toluene*	<0.050	0.050	10/18/2023	ND	1.90	95.1	2.00	2.17		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.00	99.8	2.00	2.79		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.01	100	6.00	2.75		
Total BTEx	<0.300	0.300	10/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/17/2023
 Reported: 10/18/2023
 Project Name: TALCO 9-26-35 FEDERAL 003H
 Project Number: 212C - MD - 03073 A
 Project Location: LEA COUNTY, NM

Sampling Date: 10/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 6 (H235686-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2023	ND	1.92	96.2	2.00	0.422		
Toluene*	<0.050	0.050	10/18/2023	ND	1.90	95.1	2.00	2.17		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.00	99.8	2.00	2.79		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.01	100	6.00	2.75		
Total BTEx	<0.300	0.300	10/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/17/2023	Sampling Date:	10/17/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TALCO 9-26-35 FEDERAL 003H	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03073 A	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: NSW - 1 (H235686-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2023	ND	1.92	96.2	2.00	0.422		
Toluene*	<0.050	0.050	10/18/2023	ND	1.90	95.1	2.00	2.17		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.00	99.8	2.00	2.79		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.01	100	6.00	2.75		
Total BTEx	<0.300	0.300	10/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
 Reported: 10/18/2023
 Project Name: TALCO 9-26-35 FEDERAL 003H
 Project Number: 212C - MD - 03073 A
 Project Location: LEA COUNTY, NM

Sampling Date: 10/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 2 (H235686-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2023	ND	1.92	96.2	2.00	0.422		
Toluene*	<0.050	0.050	10/18/2023	ND	1.90	95.1	2.00	2.17		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.00	99.8	2.00	2.79		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.01	100	6.00	2.75		
Total BTEx	<0.300	0.300	10/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
 Reported: 10/18/2023
 Project Name: TALCO 9-26-35 FEDERAL 003H
 Project Number: 212C - MD - 03073 A
 Project Location: LEA COUNTY, NM

Sampling Date: 10/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 1 (H235686-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2023	ND	1.92	96.2	2.00	0.422		
Toluene*	<0.050	0.050	10/18/2023	ND	1.90	95.1	2.00	2.17		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.00	99.8	2.00	2.79		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.01	100	6.00	2.75		
Total BTEx	<0.300	0.300	10/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
 Reported: 10/18/2023
 Project Name: TALCO 9-26-35 FEDERAL 003H
 Project Number: 212C - MD - 03073 A
 Project Location: LEA COUNTY, NM

Sampling Date: 10/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 1 (H235686-10)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.80	89.8	2.00	1.74	
Toluene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	0.794	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.85	92.3	2.00	0.405	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.52	92.1	6.00	0.691	
Total BTX	<0.300	0.300	10/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/17/2023
 Reported: 10/18/2023
 Project Name: TALCO 9-26-35 FEDERAL 003H
 Project Number: 212C - MD - 03073 A
 Project Location: LEA COUNTY, NM

Sampling Date: 10/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 2 (H235686-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2023	ND	1.80	89.8	2.00	1.74		
Toluene*	<0.050	0.050	10/17/2023	ND	1.85	92.4	2.00	0.794		
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.85	92.3	2.00	0.405		
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.52	92.1	6.00	0.691		
Total BTEX	<0.300	0.300	10/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2023	ND	172	86.2	200	0.565	
DRO >C10-C28*	<10.0	10.0	10/18/2023	ND	160	80.2	200	0.840	
EXT DRO >C28-C36	<10.0	10.0	10/18/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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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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A handwritten signature in black ink, appearing to read "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

Page 1 of 2

Company Name: <u>Conoco Phillips</u>		P.O. #:		BILL TO		ANALYSIS REQUEST																											
Project Manager: <u>Christian Luv</u>		Company: <u>Tetra Tech</u>																															
Address:		Attn: <u>Christian Luv</u>																															
City:		Address:																															
State:		City:																															
Zip:		State:																															
Phone #:		Fax #:																															
Project #: <u>2112-MD-03073A</u>		Project Owner:																															
Project Name: <u>Talco 9-21-35 Federal 003H</u>		City:																															
Project Location: <u>Lea Co, NM</u>		State:																															
Sample Name: <u>Andrew Garcia</u>		Phone #:																															
FOR LAB USE ONLY		Fax #:																															
Lab I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH		BTEX		Chloride 4500	
Sample I.D.		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
FS-1		1704		0830		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
FS-2		0900		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
FS-3		0936		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
FS-4		1030		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
FS-5		1130		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
FS-6		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
NSW-1		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
NSW-2		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-1		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-2		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-3		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-4		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-5		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-6		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-7		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-8		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-9		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
ESW-10		1230		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	
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Relinquished By: <u>Andrew Garcia</u>		Date: <u>11/15/23</u>		Received By: <u>Christian Luv</u>		Time: <u>16:45</u>		Received By: <u>Nicholas Poole</u>		Time: <u>16:45</u>		Remarks: <u>Christian Luv & Tetra Tech</u>		Remarks: <u>Nicholas Poole & Tetra Tech</u>		Remarks: <u>Christian Luv & Tetra Tech</u>		Remarks: <u>Nicholas Poole & Tetra Tech</u>		Remarks: <u>Christian Luv & Tetra Tech</u>		Remarks: <u>Nicholas Poole & Tetra Tech</u>		Remarks: <u>Christian Luv & Tetra Tech</u>		Remarks: <u>Nicholas Poole & Tetra Tech</u>		Remarks: <u>Christian Luv & Tetra Tech</u>		Remarks: <u>Nicholas Poole & Tetra Tech</u>			
Delivered By: (Circle One)		Observed Temp. °C		Corrected Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard		Bacteria (only)		Cool		Intact		Sample Condition		Observed Temp. °C		Corrected Temp. °C		Remarks: <u>Christian Luv & Tetra Tech</u>		Remarks: <u>Nicholas Poole & Tetra Tech</u>		Remarks: <u>Christian Luv & Tetra Tech</u>		Remarks: <u>Nicholas Poole & Tetra Tech</u>	
Sampler - UPS - Bus - Other:		4.1		4.1		Cool		Yes		1 HR		Standard		Yes		Yes		Yes		Sample Condition		Observed Temp. °C		Corrected Temp. °C		Remarks: <u>Christian Luv & Tetra Tech</u>		Remarks: <u>Nicholas Poole & Tetra Tech</u>		Remarks: <u>Christian Luv & Tetra Tech</u>		Remarks: <u>Nicholas Poole & Tetra Tech</u>	
FORM 0001-3-24 07/11/23		Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsnm.com																															



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 2 of 2

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APPENDIX G

BLM Seed Mix

(27)

BLM Serial #:

Company Reference:

3.2 Seed Mixture for LPC Sand/Shinnery Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains Bristlegrass	5lbs/A
Sand Bluestem	5lbs/A
Little Bluestem	3lbs/A
Big Bluestem	6lbs/A
Plains Coreopsis	2lbs/A
Sand Dropseed	1lbs/A

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 286255

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 286255
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation Closure approved. All areas not reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as practical. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed.	2/19/2024