



April 12, 2024

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

**Re: Revised Characterization and Closure Request
ConocoPhillips
Wilder Federal CTB Heater Treater Release
Unit Letter A, Section 29, Township 26 South, Range 32 East
Lea County, New Mexico
Incident ID# NTO1424726719**

Ms. Maxwell:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (ConocoPhillips) to assess a historical release that occurred from the Wilder Federal Central Tank Battery (CTB) Facility Heater Treater. The release footprint is located in Public Land Survey System (PLSS) Unit Letter A, Section 29, Township 26 South, Range 32 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.019876°, -103.689703°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release occurred on August 28, 2014, when the multi-skill operator (MSO) received notification from a third-party subcontractor about a blown gasket on the fire tube of the heater treater that was creating a spill. The MSO shut down all valves and supplied fluid and gas to heater treater at the same time the third part contractors began to build a containment to keep product from spreading further. The MSO called a third-party water hauling company to pick up all fluids from the ground. Approximately 15.41 barrels (bbls) of oil/produced water were released with 15 bbls of oil/produced water recovered. The NMOCD approved the initial C-141 on September 3, 2014, and subsequently assigned the release the Incident ID NTO1424726719. The initial C-141 form is included in Appendix A.

This incident is included in an Agreed Compliance Order-Releases (ACO-R) between ConocoPhillips and the NMOCD signed on May 7 and 9, 2019, respectively.

LAND OWNERSHIP

The Site is located on land owned by the Bureau of Land Management (BLM). The release footprint is wholly contained within developed on-pad areas. Following a separate historical release in the pasture area just west of the battery (NAPP230034271), a cultural survey of the surrounding vicinity was conducted by Goshawk Environmental Consulting. The area was negative for cultural resources.

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com

SITE CHARACTERIZATION

A site characterization was performed and no sinkholes, playa lakes, 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 medium karst potential.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no wells within ½ mile (800 meters) of the Site with available water level data. The search radius was expanded and based on available data from three (3) water wells located with 950 meters (approximately 0.59 miles) of the Site, the average depth to groundwater is 278 feet below ground surface (bgs) with a minimum depth to groundwater of 180 feet bgs. The site characterization data is included as Appendix B.

REGULATORY FRAMEWORK

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

Based on the site characterization (on-pad release footprint), the depth to groundwater boring and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

Constituent	Site RRALs
Chloride	20,000 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

2020 VISUAL SITE INSPECTION AND CLOSURE REQUEST

Tetra Tech, on behalf of ConocoPhillips, conducted a visual Site Assessment on June 8, 2020, at the release area to evaluate the current conditions at the site. The formerly impacted area was identified from the description in the C-141 and correspondence with ConocoPhillips. Review of available historical aerial imagery revealed no evidence of impact in the reported release location. Field observations included no surficial staining was observed in the pad areas during the June 2020 visual Site inspection. No staining was observed in the adjacent pasture areas near the Site.

Based on these findings, Tetra Tech completed a Closure Letter Report dated October 19, 2020, and submitted the report to NMOCD as part of the ACO submittals via the online file sharing platform CentreStack. A copy of the Closure Letter Report is available in the NMOCD online incident files.

2023 NMOCD REJECTION

The Closure Letter Report was rejected by NMOCD on April 18, 2023, with the following comments:

- "Closure for this incident is not approved.
- The OCD requires that this release be Remediated according to 19.15.29.12 NMAC and 19.15.29.13 NMAC as they apply to this release and resubmit a closure report by 07/17/2023."

An extension request for this incident was submitted to the NMOCD on September 22, 2023. The extension was approved on September 25, 2023, for a due date of December 1, 2023. Regulatory correspondence is included in Appendix C.

2023 SITE ASSESSMENT AND SAMPLING RESULTS

Tetra Tech personnel were initially onsite on November 29, 2023, to conduct assessment activities at the Site. Four (4) hand auger borings (AH-3 through AH-6) were installed to 1 foot bgs around the perimeter to achieve horizontal delineation. Two (2) hand auger borings (AH-1 through AH-2) were installed within the apparent release extent to achieve vertical delineation. Hand auger refusal was met at roughly 2 feet bgs; therefore, vertical delineation was not achieved due to the dense subsurface lithology of the pad beneath the release footprint.

An additional extension request for this incident was submitted to the NMOCD on December 1, 2023. The extension was approved on December 4, 2023, for a due date of January 30, 2024. Regulatory correspondence is included in Appendix C.

Tetra Tech remobilized to the site on January 11, 2023, to install one (1) boring to a maximum depth of 4 feet bgs using a direct push with a track-mounted Geoprobe® unit to evaluate the vertical extents of the release footprint. BH-1 was installed near the location of AH-1. The hand auger and boring locations from the November 2023 and January 2024 sampling event are presented in Figure 3. Photographic documentation of the Site is included in Appendix D.

A total of eleven (11) soil samples were collected from the six hand auger locations and one boring and sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for chloride via Method SM4500, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix E.

Tetra Tech, on behalf of the responsible party ConocoPhillips, notified the OCD two (2) business days prior to conducting final confirmation sampling pursuant to 19.15.29.12.D(1)(a) NMAC, using a Notification of Sampling (C-141N) application on January 11, 2024.

SUMMARY OF RESULTS

The laboratory analytical results from the November 2023 and January 2024 assessments are summarized in Table 1. There were no analytical results which exceeded the Site RRALs for any of the analyzed constituents. Horizontal and vertical delineation of the release was achieved as a result of the November 2023 and January 2024 additional assessment activities.

2024 NMOCD REJECTION

Tetra Tech submitted a Revised Characterization and Closure Request on January 26, 2024. The NMOCD rejected the Closure Request on February 2, 2024, with the following comments:

- *"Closure denied."*
- *Horizontal delineation must meet the requirements of the reclamation standards 19.15.29.13 NMAC (600 mg/kg Cl, 100 mg/kg TPH, 50 mg/kg BTEX, 10 mg/kg benzene) or OCD approved "background" values for the upper 4 feet of the impacted area.*
- *Confirmation soil samples must consist of five-point composite samples from the side wall and base and individual grab samples from any wet or discolored areas, representing a surface area of no more than 200 ft² unless otherwise approved.*
- *Submit a report via the OCD permitting portal by 06/07/2024."*

A copy of the Revised Characterization and Closure Request is available in the NMOCD online incident files. A copy of the NMOCD rejection is found in Appendix C.

On February 12, 2024, a Microsoft Teams meeting was held with ConocoPhillips, Tetra Tech, and Ms. Ashley Maxwell of the NMOCD to clarify the February 2, 2024 rejection comments. During this call, Ms. Maxwell stated that the submitted report requested closure for the incident based on the discreet samples collected for assessment. Ms. Maxwell said a variance to use the assessment data would have needed to be requested and approved by NMOCD in lieu of five-point composite sampling. Since a variance request was not approved, the incident closure was rejected. Ms. Maxwell recommended that five-point composite samples, each representing a surface area of no more than 200 square feet, should be collected over the impacted surface area to satisfy the confirmation sampling requirements. In this meeting, Tetra Tech clarified that horizontal delineation was achieved. Table 1 has been modified to depict which samples demonstrate horizontal and vertical delineation.

2024 SITE ASSESSMENT AND COMPOSITE CONFIRMATION SAMPLING RESULTS

On February 26, 2024, Tetra Tech personnel mobilized to conduct the five-point composite confirmation sampling activities at the Site. Two (2) five-point composite samples were collected within the release area; each point was collected at the surface, and each five-point composite sample is representative of 200 square feet. The release area is approximately 353 square feet.

A total of two (2) five-point composite samples were collected and sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for chloride via Method SM4500, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix E.

Tetra Tech, on behalf of the responsible party ConocoPhillips, notified the OCD two (2) business days prior to conducting final confirmation sampling pursuant to 19.15.29.12.D(1)(a) NMAC, using a Notification of Sampling (C-141N) application on February 23, 2024. A copy of the notification is included in Appendix C.

The laboratory analytical results from the February 2024 assessment are summarized in Table 2. There were no analytical results which exceeded the Site RRALs for any of the analyzed constituents.

CONCLUSION

A total of two (2) five-point composite samples were collected from the approximate release area. All analytical results associated with 2023 and 2024 assessment results were below the Site RRALs; therefore, no further remediation of the on-pad release footprint is required. Based on the site characterization, the remaining soils on the production lease pad meet the closure criteria of Table I of 19.15.29.12 NMAC. In accordance with 19.15.29.12 and 19.15.29.13 NMAC, final reclamation of any impact within the lease pad area shall take place once the Site is no longer being used for oil and gas operations. Therefore, reclamation of the soils located within the confines of the Wilder CTB well pad will be completed upon the abandonment of the Wilder CTB Facility.

Based on the above, ConocoPhillips respectfully requests closure for this release. Final reclamation and restoration of the facility pad shall take place in accordance with 19.15.29.13 NMAC once the site is no longer being used. The final C-141 forms are enclosed in Appendix A.

Release Characterization and Closure Request
April 12, 2024

ConocoPhillips

If you have any questions concerning the soil assessment activities for the Site, please call me at (512) 596-8201.

Sincerely,
Tetra Tech, Inc.



Lisbeth Chavira
Project Manager



Samantha K. Abbott, P.G.
Senior Project Manager

cc:
Mr. Moises Cantu Garcia, PBU – ConocoPhillips
Ms. Shelly Tucker, BLM

Release Characterization and Closure Request
April 12, 2024

ConocoPhillips

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment
- Figure 4 – Approximate Release Extent and Composite Confirmation Sampling

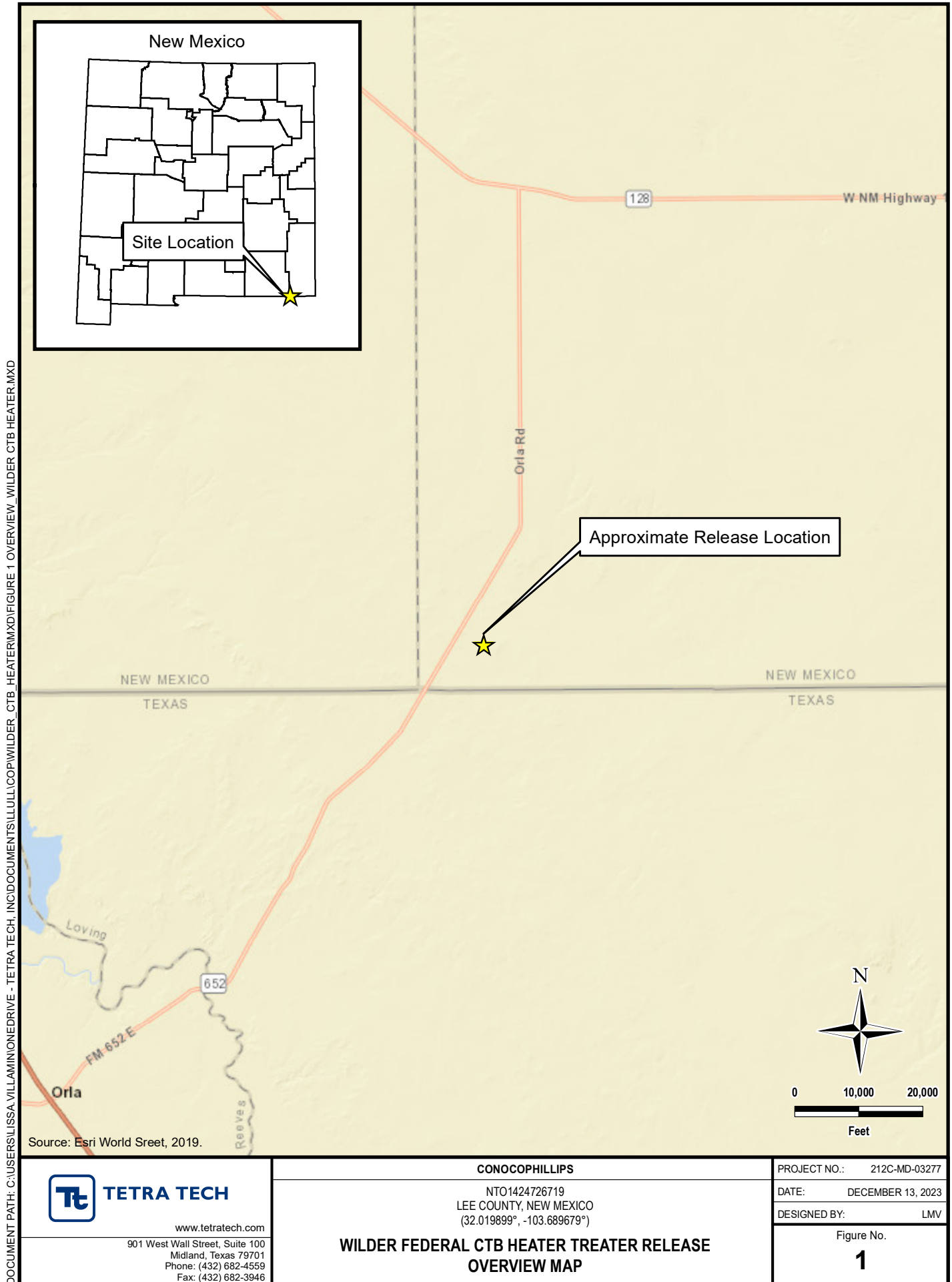
Tables:

- Table 1 – Summary of Analytical Results – 2023 & 2024 Soil Assessment
- Table 2 – Summary of Analytical Results – 2024 Soil Confirmation Composite Sampling

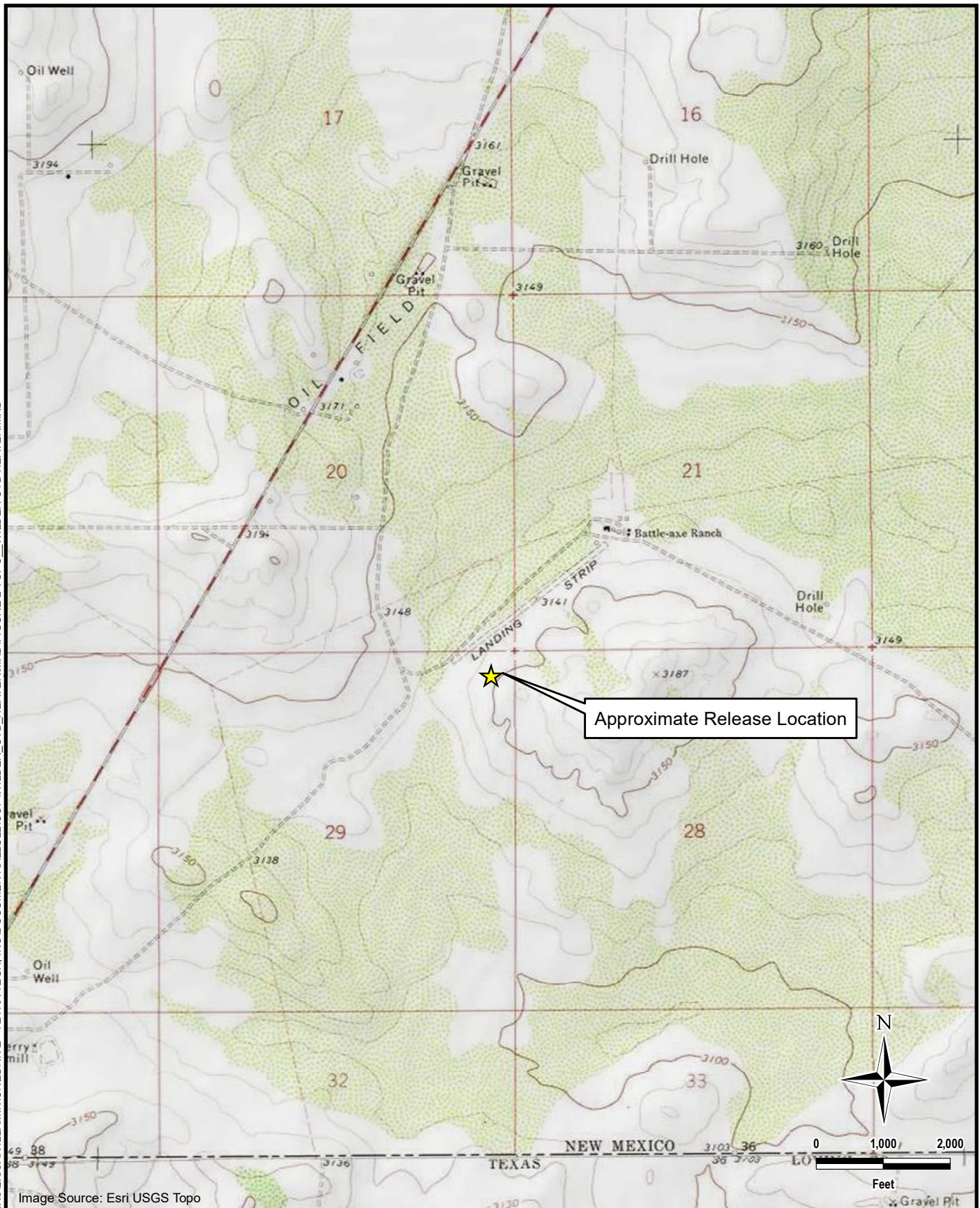
Appendices:

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

FIGURES



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**TETRA TECH**

www.tetratech.com

901 West Wall Street, Suite 100
Midland, Texas 79701
Phone: (432) 682-4559
Fax: (432) 682-3946

CONOCOPHILLIPS

NT01424726719
LEE COUNTY, NEW MEXICO
(32.019899°, -103.689679°)

**WILDER FEDERAL CTB HEATER TREATER RELEASE
TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-03277

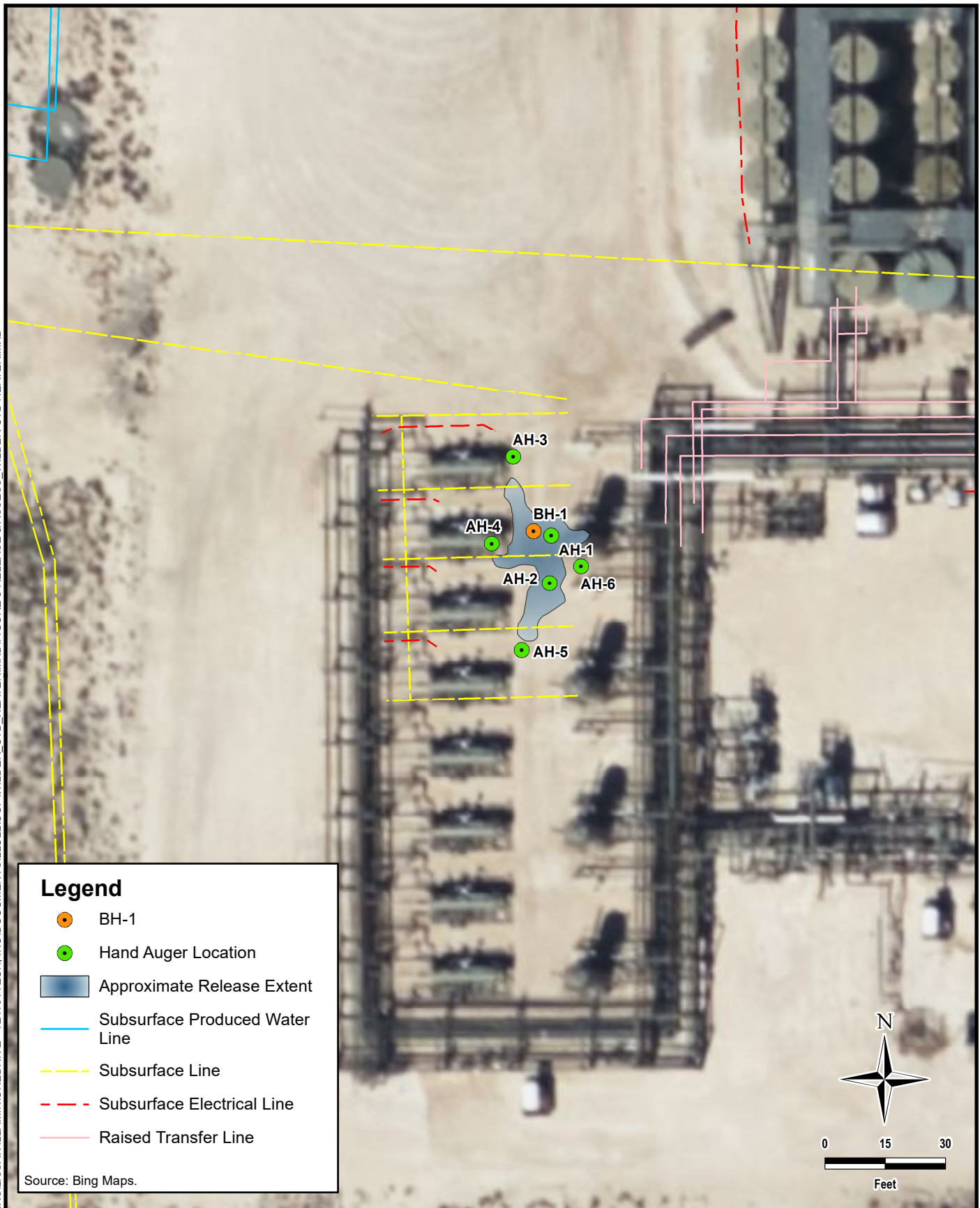
DATE: DECEMBER 13, 2023

DESIGNED BY: LMV

Figure No.

2

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINONE\DRIVE - TETRA TECH, INC\DOCUMENTS\ILLUSTRATIONS\FIGURE 3 RELEASE & ASSESS - WILDER CTB HEATER.MXD

**TETRA TECH**

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Midland, Texas 79701
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Fax: (432) 682-3946

CONOCOPHILLIPS

NAPP2317132356
LEE COUNTY, NEW MEXICO
(32.020068°, -103.689419°)

**WILDER FEDERAL CTB HEATER TREATER RELEASE
APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT**

PROJECT NO.: 212C-MD-03277

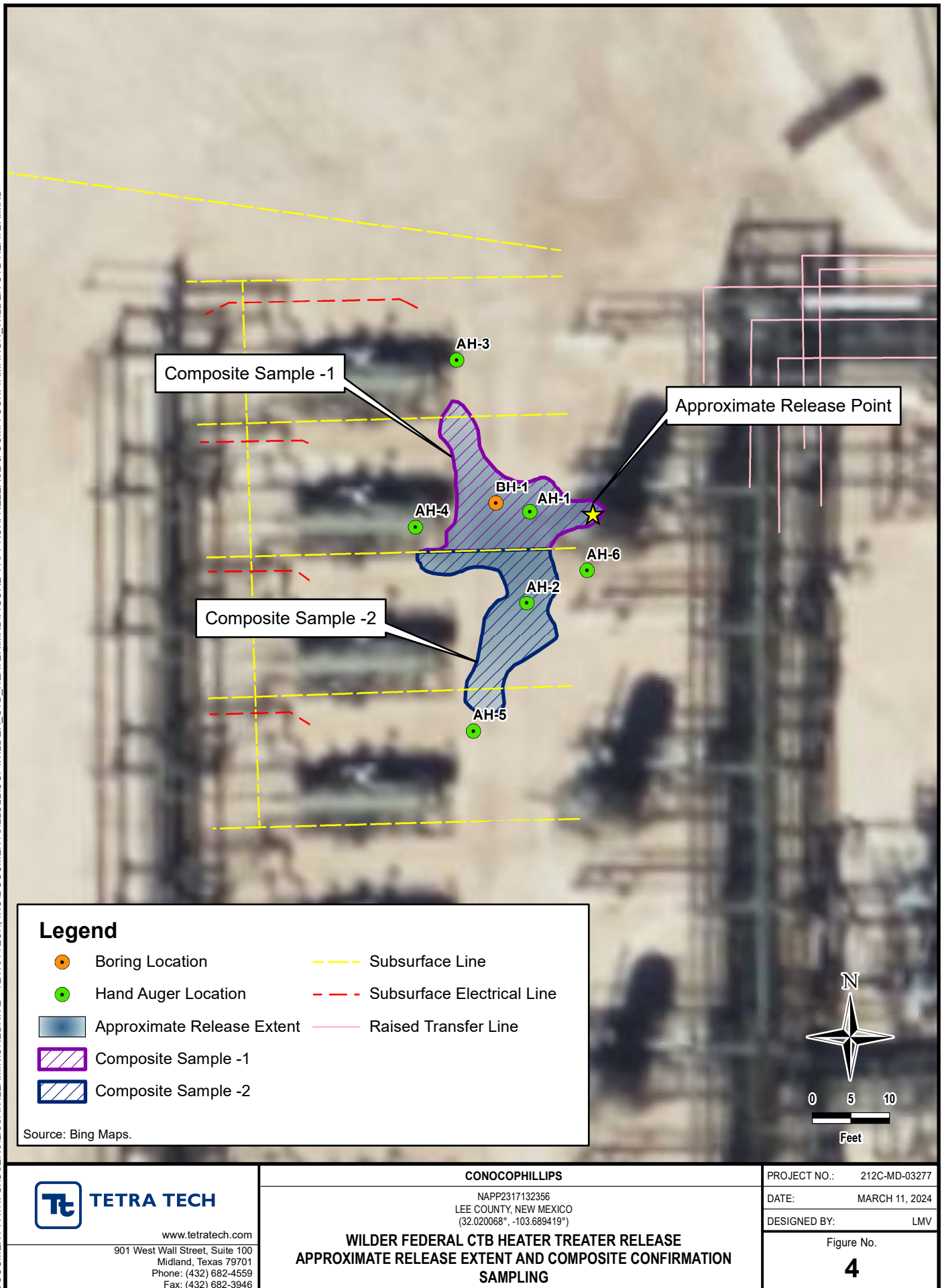
DATE: JANUARY 19, 2024

DESIGNED BY: LMV

Figure No.

3

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINONE\DRIVE - TETRA TECH\INC\DOCUMENTS\LISSA.VILLAMINONE\WILDER CTB HEATER\FIGURE 4 APPROX. RELEASE & COMP. CONFIRMATION_WILDER CTB HEATER.MXD



TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT- NTO1424726719
CONOCOPHILLIPS
WILDER FEDERAL CTB HEATER TREATER RELEASE
LEA COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (> 100 ft):					Chlorides ¹		BTEX ²										TPH ³									
Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		< 20,000 mg/kg		< 10 mg/kg		Toluene		Ethylbenzene		Total Xylenes		< 50 mg/kg		GRO		DRO		EXT DRO		< 2,500mg/kg		-	
			Chlorides	PID	Chloride		Benzene								Total BTEX								Total TPH (GRO+DRO+EXT DRO)		GRO+DRO	
		ft. bgs	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
VERTICAL DELINEATION																										
AH-1	11/29/2023	0-1	6,400		6,160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
		1-2	2,160		1,470		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
AH-2	11/29/2023	0-1	1,200		832	QM-07	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
		1-2	1,750		1,260		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
BH-1	1/11/2024	0-1	-		1,070		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
		2-3	-		80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
		3-4	-		48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
HORIZONTAL DELINEATION																										
AH-3	11/29/2023	0-1	996		16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
AH-4	11/29/2023	0-1	758		48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
AH-5	11/29/2023	0-1	1,230		16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
AH-6	11/29/2023	0-1	585		192		<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

QUALIFIERS:

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

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
2024 SOIL CONFIRMATION COMPOSITE SAMPLING- NTO1424726719
CONOCOPHILLIPS
WILDER FEDERAL CTB HEATER TREATER RELEASE
LEA COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (> 100 ft):					Chlorides ¹		BTEX ²										TPH ³							
					< 20,000 mg/kg		< 10 mg/kg		Toluene		Ethylbenzene		Total Xylenes		< 50 mg/kg		GRO		DRO		EXT DRO		< 2,500mg/kg	
Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		Chloride		Benzene								Total BTEX								Total TPH (GRO+DRO+EXT DRO)	
			Chlorides	PID													mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q
Composite Samping -1	2/26/2024	0-0.5	-		5,200		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
Composite Sampling - 2	2/26/2024	0-0.5	-		4,320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		15.5		<10.0		15.5	15.5

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

HOBBS OCD

SEP 03 2014

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

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

RECEIVED

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company CONOCOPHILLIPS	Contact FRANK GUTIERREZ
Address 3300 N. A STREET 3-271 MIDLAND TX 79705	Telephone No. 432-234-3993
Facility Name WILDER FEDERAL CTB	Facility Type CENTRAL TANK BATTERY
Surface Owner	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter A	Section 29	Township 26S	Range 32E	Feet from the 524	North/South Line FNL	Feet from the 849	East/West Line FEL	County LEA
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Latitude 32° 14' N Longitude 103° 41' 22" W

NATURE OF RELEASE

Type of Release OIL/PRODUCED WATER	Volume of Release 15.41 BBLS	Volume Recovered 15 BBLS
Source of Release HEATER TREATER	Date and Hour of Occurrence 8/28/2014 @ 1130AM	Date and Hour of Discovery 8/28/2014 @ 1130AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? DONNA THOMPSON - FOREMAN FRANK GUTIERREZ - HSE LEAD	
By Whom? ADRIAN DOMINGUEZ MSO	Date and Hour 8/28/2014	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

On August 28, 2014 @ 11:30 hrs. (CST) on the ConocoPhillips Wilder CTB located 47 miles south west of Jal, NM off CR1, a spill was reported when MSO was checking on other leases when he received a text message from a third party contractor that is taking care of the new 29-2 well about a blown gasket on the fire tube of the heater treater that was creating a spill. MSO went to check the situation and noticed where leak was coming from. MSO shut all valves that supplied fluids and gas to heater treater at the same time 3rd party contractors began to build a containment to keep product from spreading further. MSO called a third party water hauling company to pick up all fluids from ground. MSO was able to recover 15BBLS of the 15.4 BBLS of oil that released onto the ground. Fluids were put back into the oil tanks. Foreman and HSE were notified of the spill. HSE was in the area and went to look at the situation and assist MSO. All regulatory agencies were notified of the release.

Describe Area Affected and Cleanup Action Taken.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

OIL CONSERVATION DIVISION

Title: HSE LEAD PERMIAN UNCONVENTIONAL	Approval Date: 9-3-14	Expiration Date: 11-3-19
E-mail Address: FRANK.M.GUTIERREZ@COP.COM	Conditions of Approval: Site Safety report	Attached <input type="checkbox"/> IRP-3308
Date: 8/28/2014	Phone: 432-234-3993	

* Attach Additional Sheets If Necessary

Revised Enclosed area as
per NMOCN guidelines
Submit final C-141 by
11-3-14

Ogriid 99137
NTD 1424 766719
PTD 1424 726978
FTD 1424 766384
HOBBS OCD

SEP 03 2014

RECEIVED

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input 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 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 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 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 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 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 type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input 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.

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Moises H Cantu Garcia Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: Moises H Cantu Garcia Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX B

Site Characterization Data



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 03537 POD1	CUB	LE		3	2	3	21	26S	32E	624250	3543985	779	850		
C 02271 POD2	CUB	LE		3	2	3	21	26S	32E	624348	3544010*	863	270	250	20
C 02323	C	LE		3	2	3	21	26S	32E	624348	3544010*	863	405	405	0
C 03595 POD1	CUB	LE		4	2	3	21	26S	32E	624423	3544045	941	280	180	100

Average Depth to Water: **278 feet**

Minimum Depth: **180 feet**

Maximum Depth: **405 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 623744.85

Northing (Y): 3543391.72

Radius: 1000

*UTM location was derived from PLSS - see Help

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.

11/7/23 9:35 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

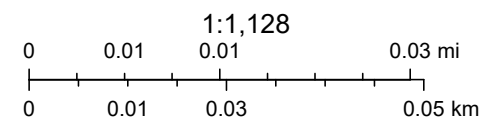
OCD Karst Areas



11/7/2023, 10:48:29 AM

Karst Occurrence Potential

Medium

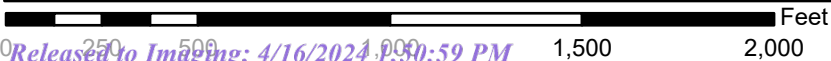


BLM, OCD, New Mexico Tech, Maxar, Microsoft, Esri, HERE, Garmin, iPC

National Flood Hazard Layer FIRMette



103°43'18"W 32°11'55"N



1:6,000

103°42'41"W 32°11'25"N

Released to Imaging: 4/16/2024 4:30:59 PM

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



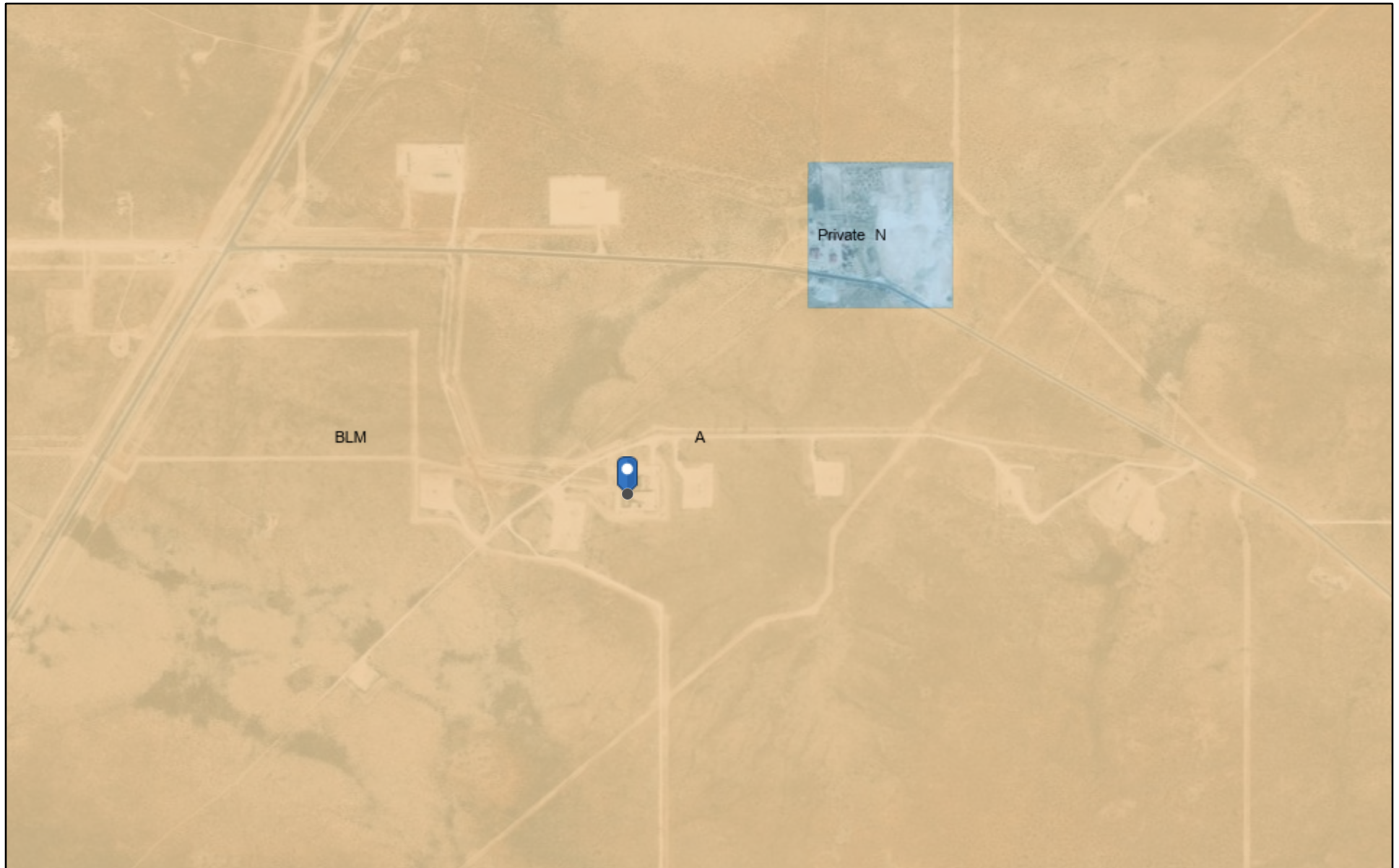
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/7/2023 at 10:40 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

OCD Land Ownership



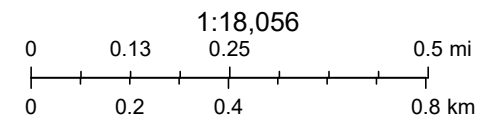
11/7/2023, 10:53:09 AM

Mineral Ownership

- A-All minerals are owned by U.S.
- N-No minerals are owned by the U.S.

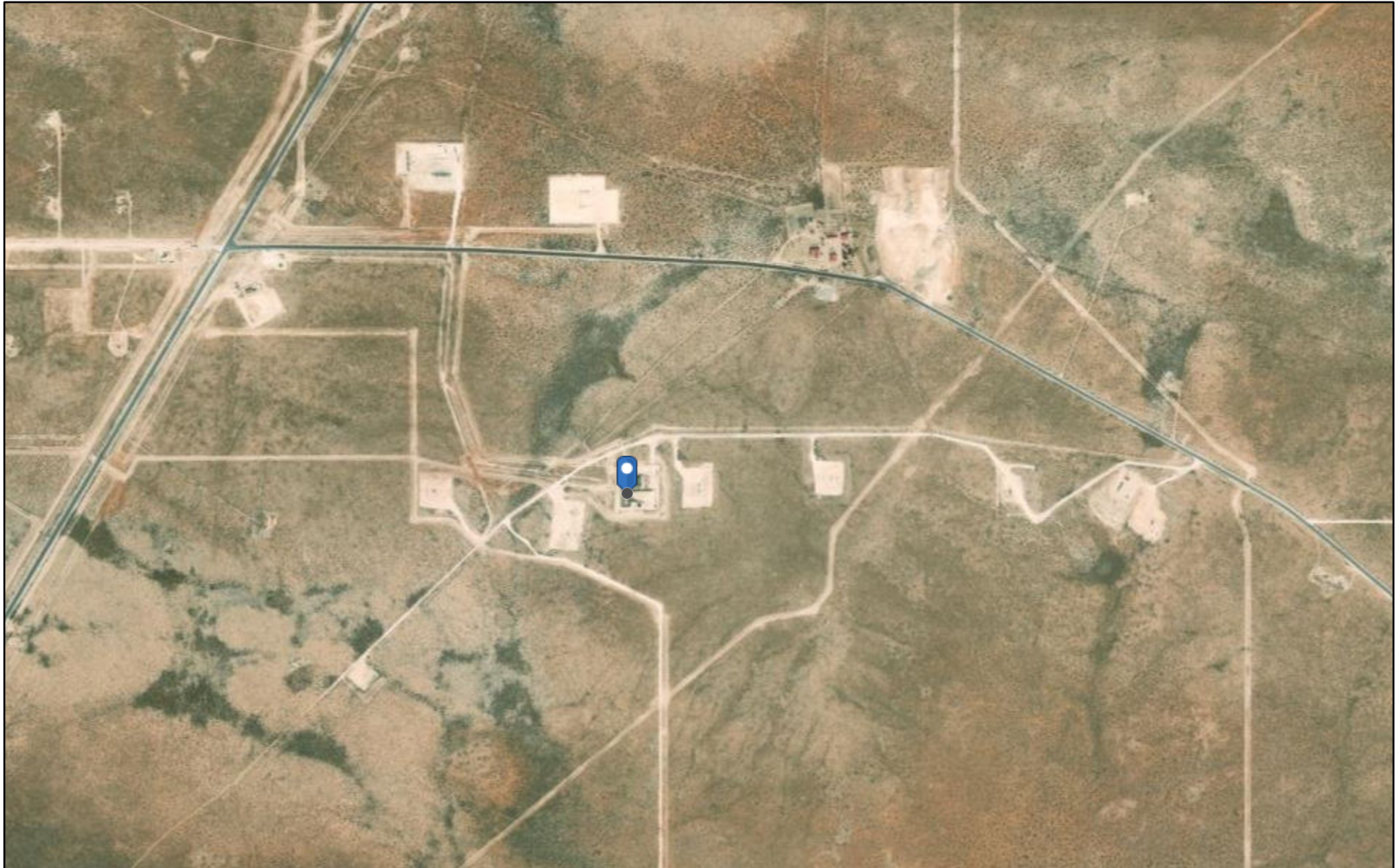
Land Ownership

- BLM
- P

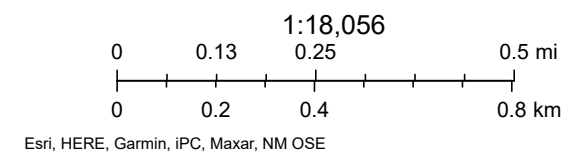


U.S. BLM, Esri, HERE, Garmin, iPC, Maxar

OCD Waterbodies



11/7/2023, 10:51:12 AM



APPENDIX C

Regulatory Correspondence

Chavira, Lisbeth

From: Abbott, Sam
Sent: Thursday, September 21, 2023 11:14 AM
To: Enviro, OCD, EMNRD
Cc: Brittany.Hall@emnrd.nm.gov; Maxwell, Ashley, EMNRD; Llull, Christian; Chavira, Lisbeth
Subject: Extension Request - Application ID 207101 (NTO1424726719)

To Whom It May Concern,

On behalf of ConocoPhillips, and in accordance with our conversation on September 20, 2023, Tetra Tech is requesting an extension to December 1, 2023 to complete any necessary additional assessment activities and associated reporting for the Wilder Federal CTB, White Owl No.001 Release site (**NTO1424726719**). A complete report will be submitted to the OCD within the requested timeframe.

Thank you,
Sam

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

Tetra Tech, Inc. | *Leading with Science*® | OGA
8911 N Capital of Texas Hwy #2310 | Austin, TX 78759 | tetratech.com

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TETRA TECH

Chavira, Lisbeth

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Monday, December 4, 2023 10:26 AM
To: Chavira, Lisbeth
Cc: Llull, Christian; Abbott, Sam
Subject: RE: [EXTERNAL] Extension Request - Application ID 207101 (NTO1424726719)

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

Lisbeth,
The extension request for **NTO1424726719** is approved. The new due date is January 30, 2024.

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

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

From: Chavira, Lisbeth <LISBETH.CHAVIRA@tetrattech.com>
Sent: Friday, December 1, 2023 3:14 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Llull, Christian <Christian.Llull@tetrattech.com>; Abbott, Sam <Sam.Abbott@tetrattech.com>
Subject: [EXTERNAL] Extension Request - Application ID 207101 (NTO1424726719)

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

Ms. Hall,

On behalf of ConocoPhillips, Tetra Tech is requesting an additional 60-day extension (until January 30, 2024) to complete assessment and associated reporting for the for the Wilder Federal CTB, White Owl No.001 Release site (**NTO1424726719**). A previous extension request was approved on September 22, 2023 for December 1, 2023.

A Closure Letter Report dated October 19, 2020, was rejected by the OCD on 4/18/2023 with the following comments:

"Closure for this incident is not approved. The OCD requires that this release be Remediated according to 19.15.29.12 NMAC and 19.15.29.13 NMAC as they apply to this release and resubmit a closure report by 07/17/2023."

The OCD, ConocoPhillips, and Tetra Tech had a meeting on September 20, 2023, to discuss the OCD rejections of a select number of submitted closure reports associated with the Agreed Compliance Order (ACO) for open release incidents between ConocoPhillips and OCD. In this meeting, ConocoPhillips and Tetra Tech received clarification from the OCD on the closure requirements for the historical releases.

Based on this meeting and a desktop review of the incident, Tetra Tech has conducted additional assessment sampling at the Wilder Federal CTB.

- Assessment and delineation activities were conducted on November 29, 2023.

- Eight samples were collected from six locations, attached is a figure indicating the sample locations and the approximate release extent observed in the field.
- The eight collected samples were submitted to Cardinal for BTEX, TPH and chloride laboratory analysis.
- Tetra Tech is awaiting analytical results.

Thus, additional time is required to review the analytical results, evaluate the data and prepare a revised report for NMOCD review.

A complete report will be submitted to the OCD within the requested timeframe.

Thank you,

Lisbeth Chavira | Staff Geoscientist

Direct Mobile +1 (512) 596-8201 | Lisbeth.chavira@tetrattech.com

Tetra Tech | *Leading with Science*® | OGA

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](#)



Chavira, Lisbeth

From: OCDOnline@state.nm.us
Sent: Thursday, January 11, 2024 2:40 PM
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 302822

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

To whom it may concern (c/o Christian Llull for CONOCOPHILLIPS COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nTO1424726719.

The sampling event is expected to take place:

When: 01/11/2024 @ 10:00

Where: A-29-26S-32E 524 FNL 849 FEL (32.02011,-103.68941)

Additional Information: ACO Release. Sampling conducted was a portion of vertical assessment work. In the event this is the final assessment sampling to be included in closure reporting, the notification is provided. Navigation: GPS of release area: 32.019876°, -103.689703°

Additional Instructions: Navigation: GPS of release area: 32.019876°, -103.689703°

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

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

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

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

Chavira, Lisbeth

From: OCDOnline@state.nm.us
Sent: Friday, February 23, 2024 12:14 PM
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 316995

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

To whom it may concern (c/o Christian LLuLL for CONOCOPHILLIPS COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nTO1424726719.

The sampling event is expected to take place:

When: 02/26/2024 @ 13:00

Where: A-29-26S-32E 524 FNL 849 FEL (32.02011,-103.68941)

Additional Information: Wilder Federal CTB Heater Treater Release (AKA White Owl)

ConocoPhillips

Lea County, New Mexico

DOR: 8/28/2014

INCIDENT ID: NTO1424726719

GPS of release area: 32.019876°,-103.689703°

Landowner: BLM

Additional Instructions: Wilder Federal CTB Heater Treater Release (AKA White Owl)

ConocoPhillips

Lea County, New Mexico

DOR: 8/28/2014

INCIDENT ID: NTO1424726719

GPS of release area: 32.019876°,-103.689703°

Landowner: BLM

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

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

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

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Chavira, Lisbeth

From: OCDOnline@state.nm.us
Sent: Friday, February 2, 2024 9:42 AM
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 308396

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

To whom it may concern (c/o Christian Llull for CONOCOPHILLIPS COMPANY),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nTO1424726719, for the following reasons:

- **Closure denied.**
- **Horizontal delineation must meet the requirements of the reclamation standards 19.15.29.13 NMAC (600 mg/kg Cl, 100 mg/kg TPH, 50 mg/kg BTEX, 10 mg/kg benzene) or OCD approved "background" values for the upper 4 feet of the impacted area.**
- **Confirmation soil samples must consist of five-point composite samples from the side wall and base and individual grab samples from any wet or discolored areas, representing a surface area of no more than 200 ft² unless otherwise approved.**
- **Submit a report via the OCD permitting portal by 06/07/2024.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 308396.

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

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

Thank you,
Ashley Maxwell
Projects Environmental Specialist - A
505-635-5000
Ashley.Maxwell@emnrd.nm.gov

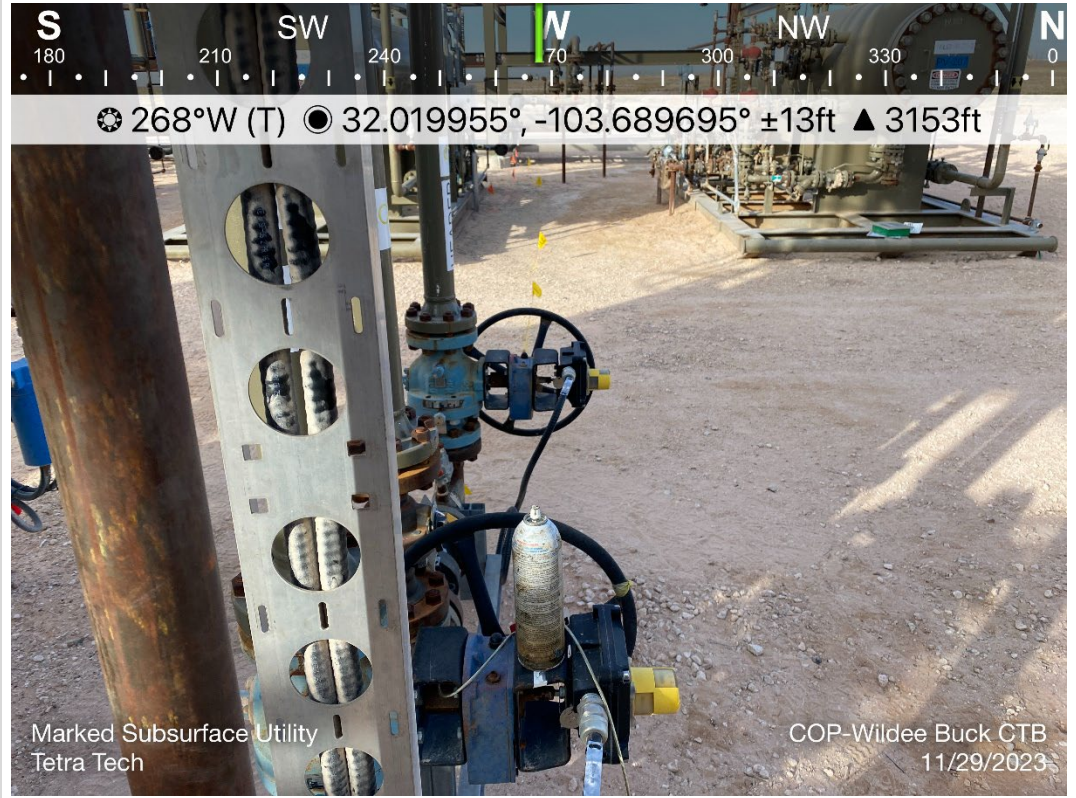
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

APPENDIX D

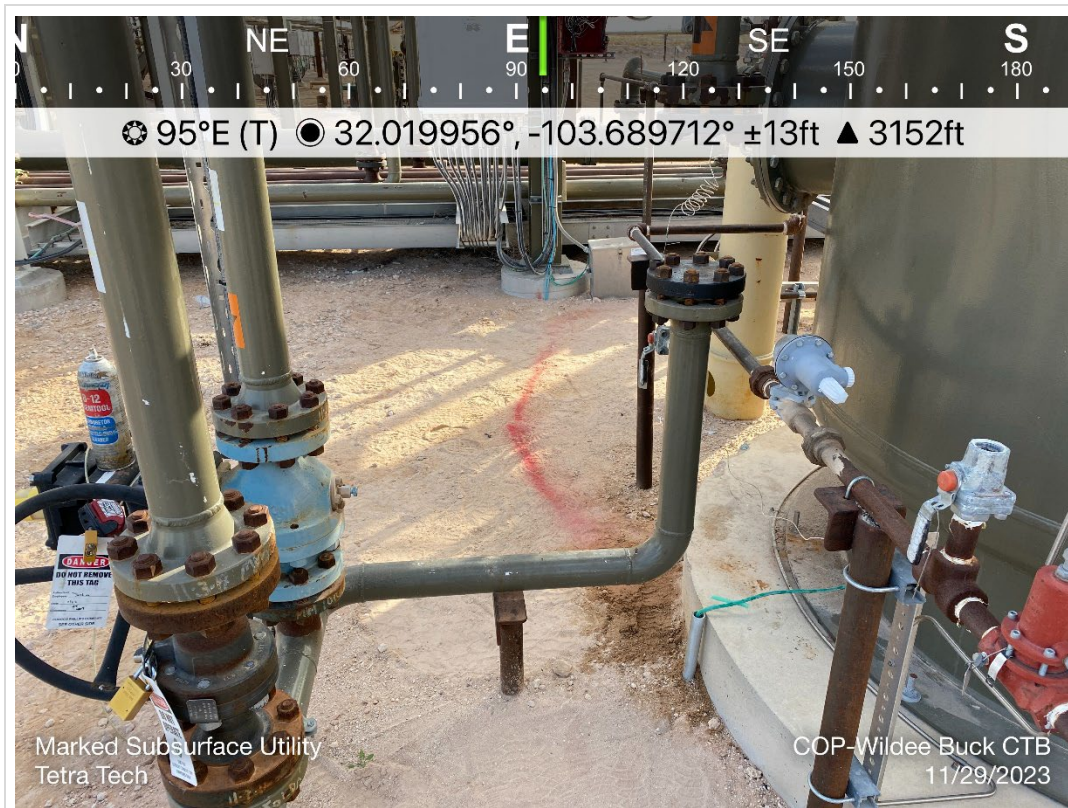
Photographic Documentation



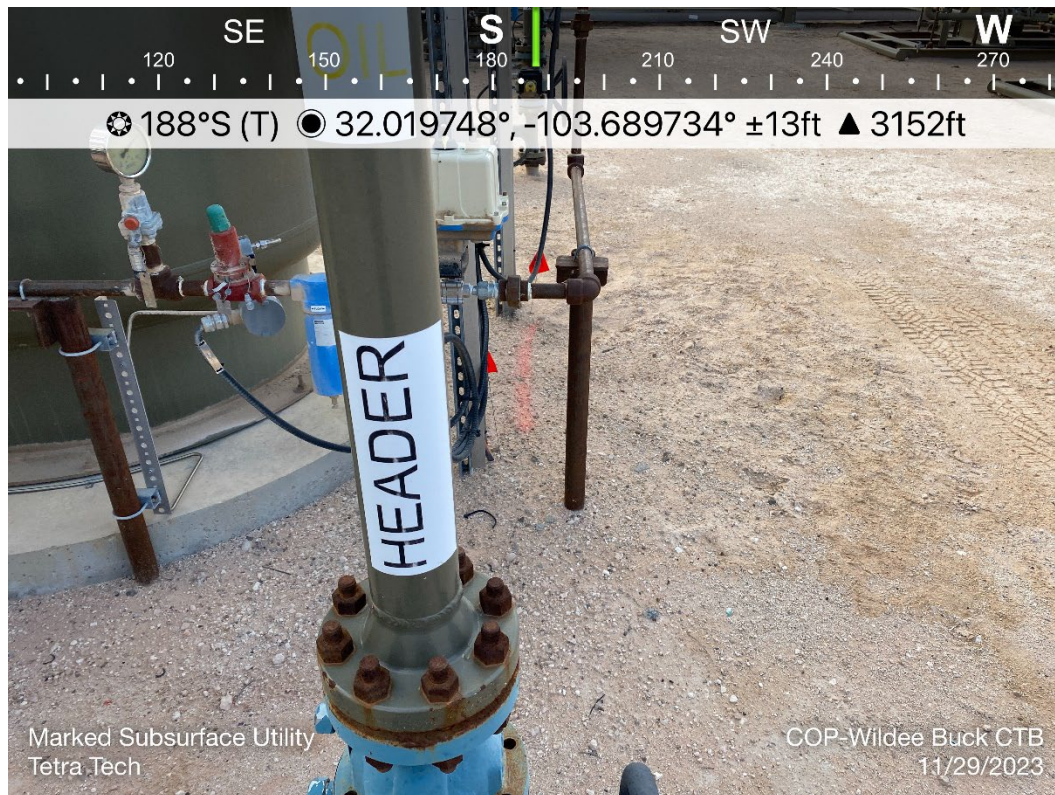
TETRA TECH, INC. PROJECT NO. 212C-MD-03277	DESCRIPTION	View south. View of site conditions. Approximate view of release area.	1
	SITE NAME	Wilder Federal CTB Heater Treater Release	11/29/2023



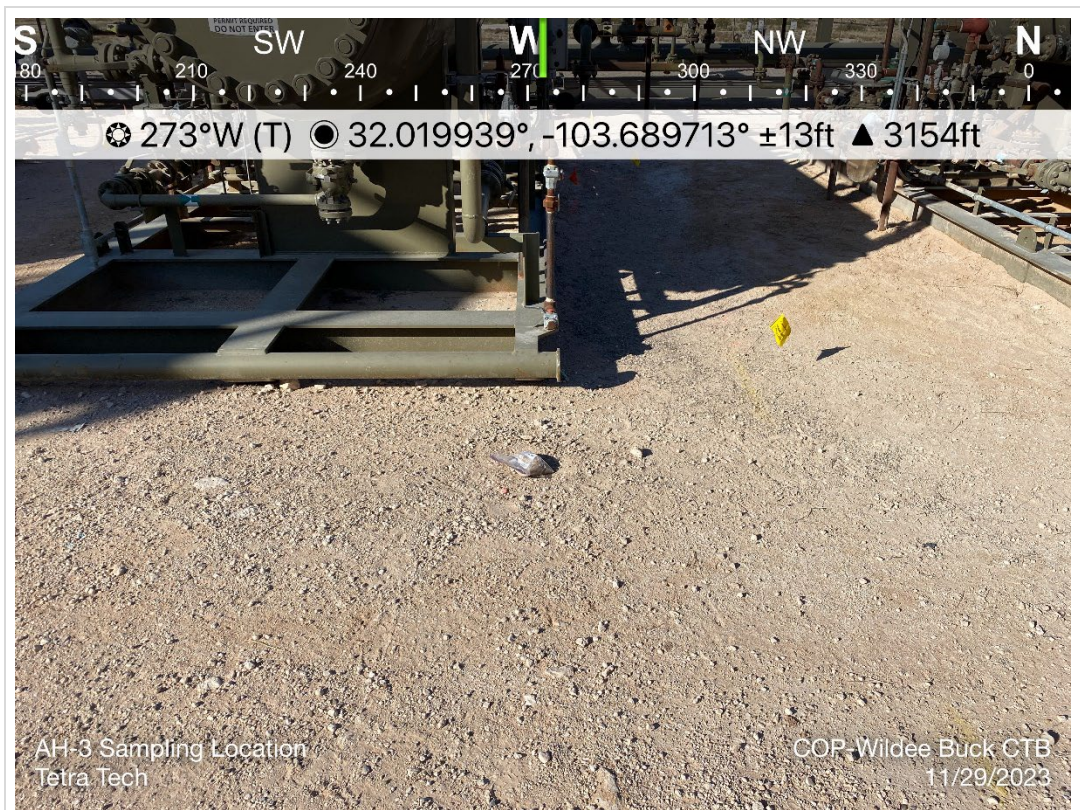
TETRA TECH, INC. PROJECT NO. 212C-MD-03277	DESCRIPTION	View west. View of production equipment and marked buried lines.	2
	SITE NAME	Wilder Federal CTB Heater Treater Release	11/29/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03277	DESCRIPTION	View east. View of production equipment and marked buried lines.	3
	SITE NAME	Wilder Federal CTB Heater Treater Release	11/29/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03277	DESCRIPTION	View south. . View of production equipment and marked buried lines.	4
	SITE NAME	Wilder Federal CTB Heater Treater Release	11/29/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03277	DESCRIPTION	View west. View of approximate release area. View of production equipment and marked buried lines.	5
	SITE NAME	Wilder Federal CTB Heater Treater Release	11/29/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03277	DESCRIPTION	View south. View of approximate release area.	6
	SITE NAME	Wilder Federal CTB Heater Treater Release	11/29/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03277	DESCRIPTION	View west. View of production equipment and marked buried lines. View of approximate release area.	7
	SITE NAME	Wilder Federal CTB Heater Treater Release	1/11/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03277	DESCRIPTION	View south. View of production equipment and marked buried lines. View of approximate release area.	8
	SITE NAME	Wilder Federal CTB Heater Treater Release	1/24/2024

APPENDIX E

Laboratory Analytical Data



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

December 04, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER FEDERAL CTB HEATER TREATER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/29/23 12:09.

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:	11/29/2023	Sampling Date:	11/29/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: AH- 1 (0-1') (H236421-01)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/29/2023	ND	2.21	110	2.00	1.87		
Toluene*	<0.050	0.050	11/29/2023	ND	2.17	109	2.00	1.42		
Ethylbenzene*	<0.050	0.050	11/29/2023	ND	2.14	107	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/29/2023	ND	6.83	114	6.00	1.41		
Total BTEx	<0.300	0.300	11/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	6160	16.0	11/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2023	ND	201	100	200	1.48	
DRO >C10-C28*	<10.0	10.0	11/29/2023	ND	190	95.1	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	11/29/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/29/2023	Sampling Date:	11/29/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: AH- 1 (1'-2') (H236421-02)

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	11/29/2023	ND	2.21	110	2.00	1.87		
Toluene*	<0.050	0.050	11/29/2023	ND	2.17	109	2.00	1.42		
Ethylbenzene*	<0.050	0.050	11/29/2023	ND	2.14	107	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/29/2023	ND	6.83	114	6.00	1.41		
Total BTEX	<0.300	0.300	11/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	1470	16.0	11/30/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2023	ND	201	100	200	1.48	
DRO >C10-C28*	<10.0	10.0	11/29/2023	ND	190	95.1	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	11/29/2023	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/29/2023	Sampling Date:	11/29/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: AH- 2 (0-1') (H236421-03)

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	11/29/2023	ND	2.21	110	2.00	1.87		
Toluene*	<0.050	0.050	11/29/2023	ND	2.17	109	2.00	1.42		
Ethylbenzene*	<0.050	0.050	11/29/2023	ND	2.14	107	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/29/2023	ND	6.83	114	6.00	1.41		
Total BTEx	<0.300	0.300	11/29/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	11/30/2023	ND	416	104	400	3.77	QM-07	

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	11/29/2023	ND	201	100	200	1.48	
DRO >C10-C28*	<10.0	10.0	11/29/2023	ND	190	95.1	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	11/29/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:	11/29/2023	Sampling Date:	11/29/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: AH- 2 (1'-2') (H236421-04)

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	11/29/2023	ND	2.21	110	2.00	1.87		
Toluene*	<0.050	0.050	11/29/2023	ND	2.17	109	2.00	1.42		
Ethylbenzene*	<0.050	0.050	11/29/2023	ND	2.14	107	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/29/2023	ND	6.83	114	6.00	1.41		
Total BTEX	<0.300	0.300	11/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	11/30/2023	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	11/29/2023	ND	201	100	200	1.48	
DRO >C10-C28*	<10.0	10.0	11/29/2023	ND	190	95.1	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	11/29/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	11/29/2023	Sampling Date:	11/29/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: AH- 3 (0-1') (H236421-05)

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	11/29/2023	ND	2.21	110	2.00	1.87	
Toluene*	<0.050	0.050	11/29/2023	ND	2.17	109	2.00	1.42	
Ethylbenzene*	<0.050	0.050	11/29/2023	ND	2.14	107	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/29/2023	ND	6.83	114	6.00	1.41	
Total BTEx	<0.300	0.300	11/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/30/2023	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	11/30/2023	ND	215	107	200	4.39	
DRO >C10-C28*	<10.0	10.0	11/30/2023	ND	195	97.4	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/30/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 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:	11/29/2023	Sampling Date:	11/29/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: AH- 4 (0-1') (H236421-06)

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	11/29/2023	ND	2.21	110	2.00	1.87		
Toluene*	<0.050	0.050	11/29/2023	ND	2.17	109	2.00	1.42		
Ethylbenzene*	<0.050	0.050	11/29/2023	ND	2.14	107	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/29/2023	ND	6.83	114	6.00	1.41		
Total BTEx	<0.300	0.300	11/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/30/2023	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	11/30/2023	ND	215	107	200	4.39	
DRO >C10-C28*	<10.0	10.0	11/30/2023	ND	195	97.4	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/30/2023	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.2 % 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:	11/29/2023	Sampling Date:	11/29/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: AH- 5 (0-1') (H236421-07)

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	11/29/2023	ND	2.21	110	2.00	1.87		
Toluene*	<0.050	0.050	11/29/2023	ND	2.17	109	2.00	1.42		
Ethylbenzene*	<0.050	0.050	11/29/2023	ND	2.14	107	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/29/2023	ND	6.83	114	6.00	1.41		
Total BTEx	<0.300	0.300	11/29/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/30/2023	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	11/30/2023	ND	215	107	200	4.39	
DRO >C10-C28*	<10.0	10.0	11/30/2023	ND	195	97.4	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/30/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 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:	11/29/2023	Sampling Date:	11/29/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: AH- 6 (0-1') (H236421-08)

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	11/29/2023	ND	2.21	110	2.00	1.87		
Toluene*	<0.050	0.050	11/29/2023	ND	2.17	109	2.00	1.42		
Ethylbenzene*	<0.050	0.050	11/29/2023	ND	2.14	107	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/29/2023	ND	6.83	114	6.00	1.41		
Total BTEx	<0.300	0.300	11/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	11/30/2023	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	11/30/2023	ND	215	107	200	4.39	
DRO >C10-C28*	<10.0	10.0	11/30/2023	ND	195	97.4	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/30/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech

Project Manager: Christian Hull

Address:

City:

Phone #:

Fax #:

Project #:

Project Name:

Project Location:

Sample Name:

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.

Sample I.D.

H236421

- 1 AH-1 (0-1')
- 2 AH-1 (1-2')
- 3 AH-2 (0-1')
- 4 AH-2 (1-2')
- 5 AH-3 (0-1')
- 6 AH-4 (0-1')
- 7 AH-5 (0-1')
- 8 AH-6 (0-1')

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

BTEX
Chloride
TPH

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Inquired By:

Date:

Time:

Date:

Time:

Received By:

Date:

Time:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes No

Yes No

Checked By:

(Initials)

Turnaround Time:

Standard

Rush

Bacteria (only)

Cool Intact

Yes No

Yes No

Observed Temp. °C

Corrected Temp. °C

Remarks:

Christian Hull @ tetratech.com

Christian Hull

11/29/23

1209

1.0

11/29/23

11/29/23

11/29/23

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11/29/23



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

January 16, 2024

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER FEDERAL CTB HEATER TREATER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 01/11/24 12:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/11/2024	Sampling Date:	01/11/2024
Reported:	01/16/2024	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: BH - 1 (0-1') (H240128-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	1.95	97.5	2.00	1.27	
Toluene*	<0.050	0.050	01/12/2024	ND	2.00	100	2.00	1.04	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.02	101	2.00	0.723	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	5.99	99.8	6.00	1.03	
Total BTEX	<0.300	0.300	01/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	01/12/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2024	ND	201	101	200	0.968	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	200	99.9	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	01/11/2024	Sampling Date:	01/11/2024
Reported:	01/16/2024	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: BH - 1 (2'-3') (H240128-02)

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	01/12/2024	ND	1.95	97.5	2.00	1.27	
Toluene*	<0.050	0.050	01/12/2024	ND	2.00	100	2.00	1.04	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.02	101	2.00	0.723	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	5.99	99.8	6.00	1.03	
Total BTEX	<0.300	0.300	01/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/12/2024	ND	416	104	400	3.92	

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	01/12/2024	ND	201	101	200	0.968	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	200	99.9	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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:	01/11/2024	Sampling Date:	01/11/2024
Reported:	01/16/2024	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: BH - 1 (3'-4') (H240128-03)

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	01/12/2024	ND	1.95	97.5	2.00	1.27		
Toluene*	<0.050	0.050	01/12/2024	ND	2.00	100	2.00	1.04		
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.02	101	2.00	0.723		
Total Xylenes*	<0.150	0.150	01/12/2024	ND	5.99	99.8	6.00	1.03		
Total BTEX	<0.300	0.300	01/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/12/2024	ND	416	104	400	3.92		

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	01/12/2024	ND	201	101	200	0.968	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	200	99.9	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

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



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

March 05, 2024

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER FEDERAL CTB HEATER TREATER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/29/24 10:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/29/2024	Sampling Date:	02/26/2024
Reported:	03/05/2024	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: COMPOSITE SAMPLE - 1 (H241001-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2024	ND	2.30	115	2.00	0.400	
Toluene*	<0.050	0.050	03/01/2024	ND	2.25	112	2.00	0.197	
Ethylbenzene*	<0.050	0.050	03/01/2024	ND	2.22	111	2.00	0.310	
Total Xylenes*	<0.150	0.150	03/01/2024	ND	6.40	107	6.00	0.308	
Total BTEX	<0.300	0.300	03/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	03/01/2024	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	02/29/2024	ND	215	107	200	4.42	
DRO >C10-C28*	<10.0	10.0	02/29/2024	ND	206	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	02/29/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/29/2024	Sampling Date:	02/26/2024
Reported:	03/05/2024	Sampling Type:	Soil
Project Name:	WILDER FEDERAL CTB HEATER TREATEI	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03277	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: COMPOSITE SAMPLE - 2 (H241001-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2024	ND	2.30	115	2.00	0.400	
Toluene*	<0.050	0.050	03/01/2024	ND	2.25	112	2.00	0.197	
Ethylbenzene*	<0.050	0.050	03/01/2024	ND	2.22	111	2.00	0.310	
Total Xylenes*	<0.150	0.150	03/01/2024	ND	6.40	107	6.00	0.308	
Total BTEX	<0.300	0.300	03/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	03/01/2024	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	02/29/2024	ND	215	107	200	4.42	
DRO >C10-C28*	15.5	10.0	02/29/2024	ND	206	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	02/29/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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

Cardinal Laboratories

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

Celey D. Keene, Lab Director/Quality Manager

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

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

QUESTIONS

Action 332945

QUESTIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID:
	217817
	Action Number:
	332945
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nTO1424726719
Incident Name	NT01424726719 WILDER FEDERAL CTB @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fTO1424726384] Wilder Federal CTB

Location of Release Source	
Please answer all the questions in this group.	
Site Name	WILDER FEDERAL CTB
Date Release Discovered	08/28/2014
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Gasket Produced Water Released: 16 BBL Recovered: 15 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

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

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

QUESTIONS, Page 2

Action 332945

QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 332945
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 04/12/2024
--	--

District I

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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 332945

QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID:	217817
	Action Number:	332945
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	6160
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	15.5
GRO+DRO (EPA SW-846 Method 8015M)	15.5
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	02/26/2024
On what date will (or did) the final sampling or liner inspection occur	02/26/2024
On what date will (or was) the remediation complete(d)	02/26/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	353
What is the estimated volume (in cubic yards) that will be remediated	13

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

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

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QUESTIONS, Page 4

Action 332945

QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 332945
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 04/12/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 332945

QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 332945
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 332945

QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID:
	217817
	Action Number:
	332945
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	316995
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/26/2024
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	353

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	353
What was the total volume (cubic yards) remediated	13
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	A total of two (2) five-point composite samples were collected from the approximate release area. All analytical results associated with 2023 and 2024 assessment results were below the Site RRALs; therefore, no further remediation of the on-pad release footprint is required. Based on the site characterization, the remaining soils on the production lease pad meet the closure criteria of Table I of 19.15.29.12 NMAC. In accordance with 19.15.29.12 and 19.15.29.13 NMAC, final reclamation of any impact within the lease pad area shall take place once the Site is no longer being used for oil and gas operations. Therefore, reclamation of the soils located within the confines of the Wilder CTB well pad will be completed upon the abandonment of the Wilder CTB Facility.

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

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

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 04/12/2024
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QUESTIONS, Page 7

Action 332945

QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 332945
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 332945

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID:
	217817
	Action Number:
	332945
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation approved.	4/16/2024
amaxwell	<ul style="list-style-type: none">The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	4/16/2024