



May 28, 2026

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

**Re: Remediation Closure Report
ConocoPhillips
Gunner Federal 5D CTB Release
Unit Letter D, Section 05, Township 26 South, Range 34 East
Lea County, New Mexico
Incident ID: NAPP2532740849
Landowner: Private**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (ConocoPhillips) to address a release that occurred at the Gunner Federal 5D CTB (Facility ID FAPP2204043727) (Site). The release footprint is located on private land in Public Land Survey System (PLSS) Unit Letter D, Section 05, Township 26 South, and Range 34 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.07741944°, -103.49643611°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico initial C-141 Form, the release was discovered on November 23, 2025. The release was caused by a hole in the fire tube of the heater treater that resulted in a fire at the facility. There were no injuries from this release, and the Jal fire department was called to extinguish the fire. Approximately 5 barrels (bbls) of crude oil and 18 bbls of produced water were released in the liner and on pad. Approximately 4 bbls of crude oil and 18 bbls of produced water were recovered.

A Site visit by Tetra Tech personnel was conducted on December 5, 2025, to evaluate the release area, collect photographs, and discern an approximate release footprint. The release occurred within the facility containment, with some overflow onto the pad south of the heater treater. Tetra Tech personnel observed the heater treater (release source), burnt liner in the heater treater area, and released fluids on the liner throughout the remainder of the lined facility.

SITE CHARACTERIZATION

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

According to the New Mexico Office of the State Engineer (NMOSE) reporting system, there is one well within the ½-mile (800-meter) radius of the Site, located approximately 0.52 miles (851 meters) northwest of the release point. The well was drilled in 2010 to a depth of 250 feet (ft) bgs with no groundwater encountered. The Site characterization data and a copy of the well record and log is included in Appendix A.

Tetra Tech

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REGULATORY FRAMEWORK

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

The release occurred in an area of active oil and gas operations and was contained within the lease pad. Based on the Site characterization and in accordance with Table I of 19.15.29.12 NMAC, the soil cleanup criteria for the Site are as follows:

Constituent	Soil Cleanup Criteria
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

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

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

Although the release occurred within an area of active oil and gas operations, the reclamation requirements were used for release delineation purposes, as described in the following section of this report.

SITE ASSESSMENT

On December 31, 2025, Tetra Tech was on Site to conduct assessment activities on behalf of ConocoPhillips. The liner around the release extent inside of the facility containment was folded back to allow access to the soils below the compromised portion of the liner. Tetra Tech installed four hand auger borings (AH-1, AH-2, AH-11, and AH-12) within the release footprint and eight (8) hand auger borings (AH-3 through AH-10) along the perimeter of the release extent. All borings were installed to depths of 1 ft bgs, at which depth auger refusal was encountered. Assessment boring locations are presented in Figure 3.

A total of twelve (12) soil samples were sent to Cardinal Laboratories in Hobbs, New Mexico (Cardinal) to be analyzed for chloride via Standard Method 4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B.

Results from the December 2025 assessment sampling activities are summarized in Table 1. Analytical results associated with AH-1 and AH-11 exceeded the reclamation limit for chloride (600 mg/kg) but were below the Site cleanup criteria of 20,000 mg/kg. Samples AH-1, AH-2, and AH-11 exceeded the reclamation limit for TPH (100 mg/kg) but were below the cleanup criteria of 2,500 mg/kg. The analytical results associated with AH-12 (14,270 mg/kg) exceeded the Site cleanup criteria for TPH. Vertical delineation was not achieved during the December 2025 assessment sampling activities due to the presence of the lithologically dense layer.

Tetra Tech remobilized to the Site on January 27, 2026, to evaluate the vertical extents of the release. Hand auger boring locations (AH-2 and AH-12) were further advanced using a rock hammer and a hand auger to total depths of 5 feet bgs and 4 feet bgs, respectively. A total of five (5) soil samples were sent to Cardinal to be analyzed for chloride, TPH, and BTEX.

Results from the January 2026 assessment sampling activities are summarized in Table 1. Analytical results associated with AH-2 and AH-12 at terminal soil sample intervals (4'-5') and (3'-4'), respectively, exceeded the reclamation limit for TPH (100 mg/kg).

As vertical delineation to the TPH reclamation limit was not achieved, Tetra Tech remobilized to the Site on March 2, 2026. One trench (T-1) was installed to a depth of 8 ft bgs to complete vertical delineation of the release. Additionally, three hand auger borings (AH-13, AH-14, and AH-15) were installed to 1 ft bgs each in an attempt to further delineate the release extent horizontally within the facility walls. A total of five (5) soil samples were sent to Cardinal to be analyzed for chloride, TPH, and BTEX.

Results from the March 2026 assessment sampling activities are summarized in Table 1. Analytical results associated with AH-13 and AH-15 exceeded the reclamation limit for TPH (100 mg/kg) at 1 ft bgs.

Tetra Tech remobilized once more to the Site on April 13, 2026, to complete horizontal delineation of the extent of the release within the facility walls. A total of two (2) hand auger borings (AH-16 and AH-17) were installed to 6 inches bgs. total of two (2) soil samples were sent to Cardinal to be analyzed for chloride, TPH, and BTEX.

Results from the April 2026 assessment sampling activities are summarized in Table 1. All analytical results were below the reclamation limits for all constituents. Horizontal delineation of the impacted soils beneath the liner were achieved following the April 2026 sampling activities.

Vertical and horizontal delineation of the release was achieved to the soil reclamation limits following all assessment activities. Assessment sampling locations are presented in Figure 3. A copy of all laboratory analytical reports and chain-of-custody documentation are included in Appendix B. Photographic documentation of the Site is included in Appendix C.

LINER INTEGRITY

The release was caused by a fire at the heater treated within the lined containment, and a portion of the liner did burn up. The release extent within the area of the burnt liner was fully delineated to reclamation standards, as described in the previous section of this report and illustrated in Figure 4. The analytical results associated with sample locations AH-14 through AH-17 demonstrate horizontal delineation of the release within the burnt liner area.

On May 19, 2026, Tetra Tech personnel performed an inspection of the liner within the containment area to verify the integrity of the liner outside of the fully delineated release area. In accordance with 19.15.29.11(A)(5)(a) NMAC, notification of a liner inspection at the Gunner Federal 5D CTB was submitted via the OCD Portal on May 15, 2026. The liner inspection notification email is included in Appendix D.

The liner in the inspection area presented in Figure 4 was intact with no visible rips or tears and encompassed by an approximately 2-foot-tall muscle wall. The liner extended up the muscle wall and was anchored on the interior. At the time of the inspection, the liner was intact and had the ability to contain the documented release. Photographic documentation of the liner inspection is included in Appendix C.

Based on photographs of the release area immediately following the release discovery, the released fluids pooled within the containment allowing substantial recovery of fluids by vacuum truck. The standing fluid observed in photographs lends further evidence to the integrity of the liner as a competent fluid barrier in the areas outside of the fully delineated release extent.

REMEDIATION ACTIVITIES

Impacted soils were excavated as indicated in Figure 4. The areas within the release footprint were excavated to 2 feet bgs using heavy equipment. Approximately 68 yards of contaminated material were

Remediation Closure Report
May 28, 2026

ConocoPhillips

removed from the release extent during the remediation activities. Photographs of the remediated area prior to backfill are presented in Appendix C.

Prior to confirmation sampling, on May 15, 2026, the OCD district office was notified via the OCD Portal in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of the sampling notification is included in Appendix D.

On May 19, 2026, following excavation, a total of ten (10) confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Four (4) floor confirmation samples and six (6) sidewall confirmation samples were collected such that each 5-point composite floor sample was representative of no more than 200 square feet of excavated area. Confirmation floor sample locations were labeled with "FS"-#. Confirmation sidewall sample locations were labeled with the cardinal direction (N, E, S, W) followed by SW-#.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. The laboratory analytical report is included as Appendix B.

The results of the May 2026 confirmation sampling events are summarized in Table 2. The analytical results were directly compared to the Site closure criteria to demonstrate compliance. Final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH, and BTEX.

Once acceptable confirmation sample results were received, the excavation was backfilled with clean material to pre-release grade. Photographic documentation of the backfilled excavation is included in Appendix C. The liner in this area will be repaired and reinstalled to cover the entirety of the facility containment.

CONCLUSION

Based on the results of the results of the remedial activities and confirmation sampling, and on the results of the liner inspection conducted outside of the remediated extent, ConocoPhillips respectfully requests closure of the subject incident. Analytical results associated with the sampling events were below the applicable Site soil cleanup criteria following all remedial response actions. The liner outside of the excavation area has been visually inspected where the release occurred, and the liner remains intact and had the ability to contain the leak in question. Two business days' notice (C-141L and C-141N) was provided via the OCD portal before conducting the liner inspection and the confirmation sampling.

Final reclamation shall take place in accordance with 19.15.29.13 NMAC once the Site is no longer being used for oil and gas operations. If you have any questions concerning the remediation activities completed at the Site, please call me at (512) 739-7874.

Sincerely,

Tetra Tech, Inc.



Samantha Abbott, P.G.
Senior Project Manager



Lisbeth Chavira
Project Manager

cc:
Mr. Jacob Laird, GPBU – ConocoPhillips

LIST OF ATTACHMENTS

Figures:

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

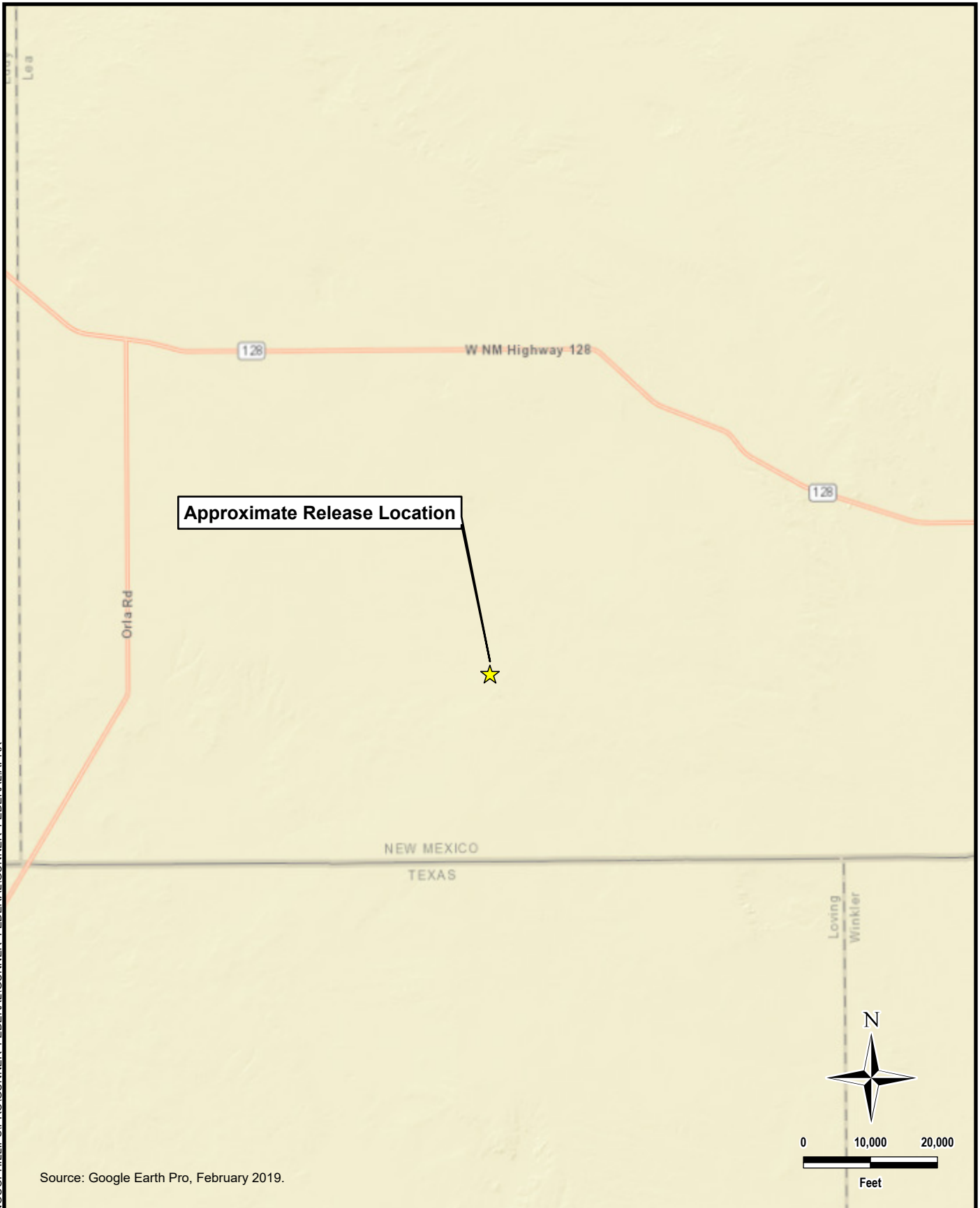
Tables:

- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation

Appendices:

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

FIGURES



Source: Google Earth Pro, February 2019.

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CONOCOPHILLIPS

INCIDENT ID: NAPP2532740849
(32.07741944°, -103.49643611°)
LEA COUNTY, NEW MEXICO

**GUNNER FEDERAL 5D CTB RELEASE
SITE LOCATION MAP**

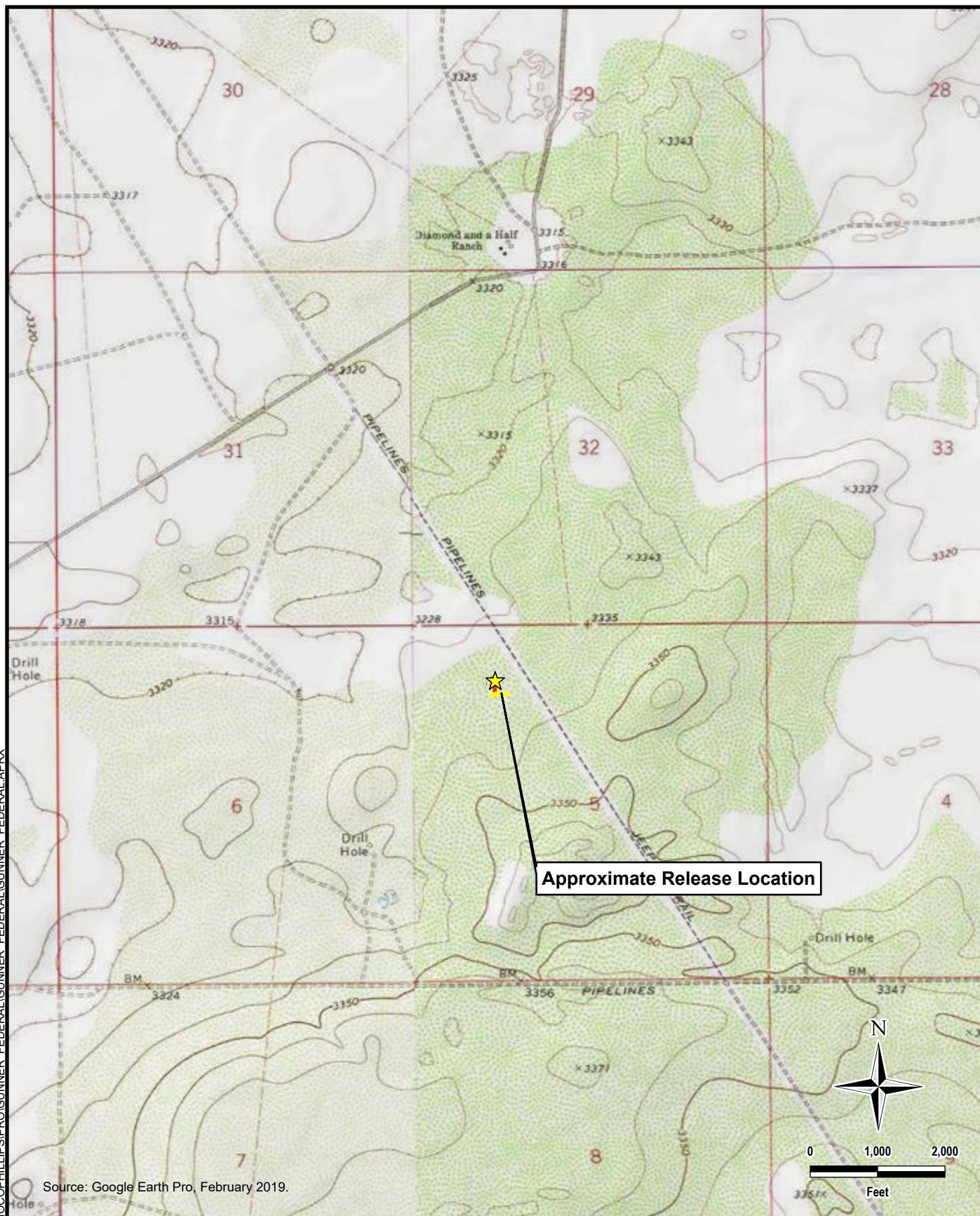
PROJECT NO.: 212C-MD-04093

DATE: JANUARY 28, 2026

DESIGNED BY: AAM

Figure No.

1



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CONOCOPHILLIPS

INCIDENT ID: NAPP2532740849
(32.07741944°, -103.49643611°)
LEA COUNTY, NEW MEXICO

**GUNNER FEDERAL 5D CTB RELEASE
TOPOGRAPHIC MAP**

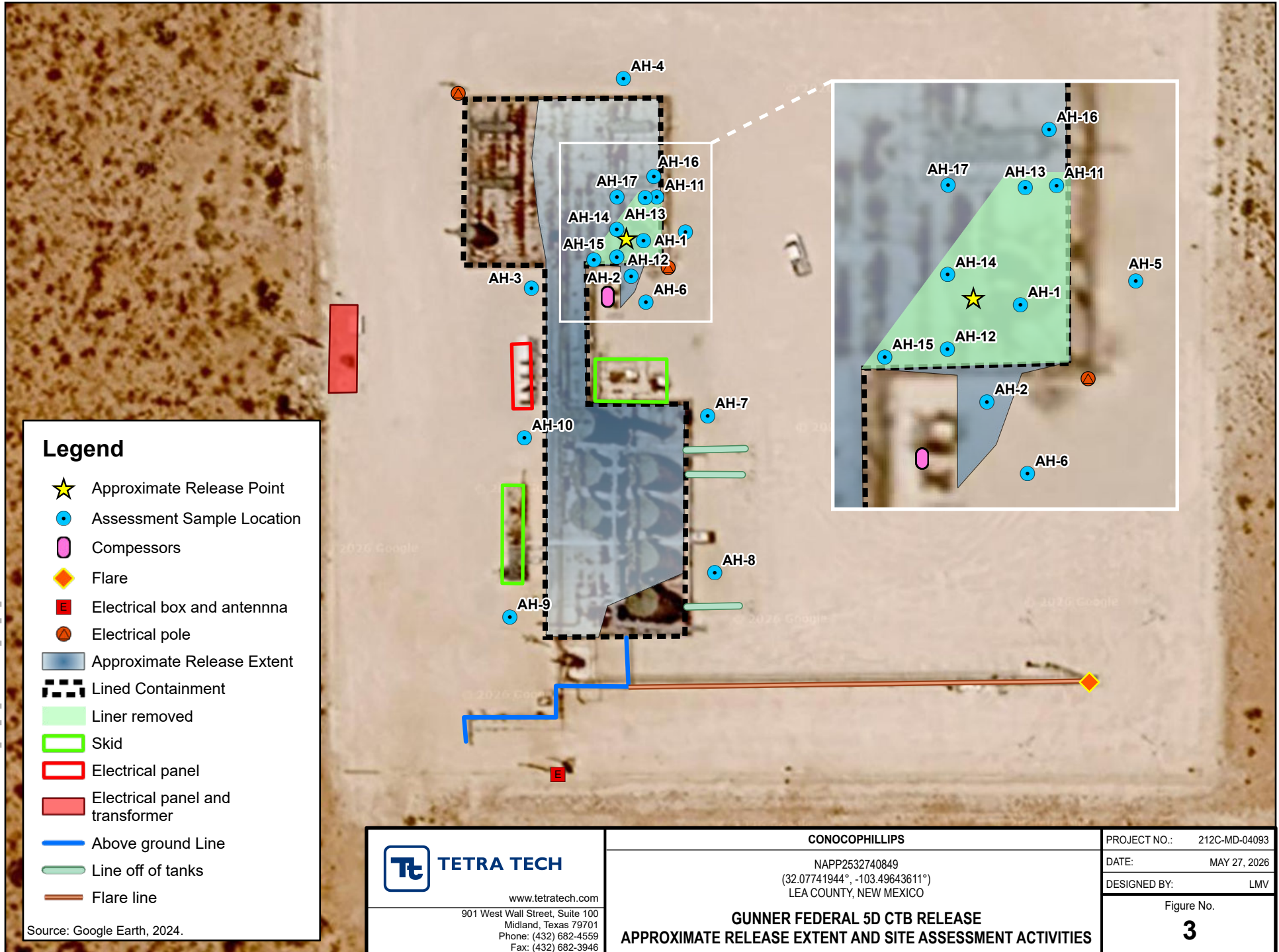
PROJECT NO.: 212C-MD-04093

DATE: JANUARY 28, 2026

DESIGNED BY: AAM

Figure No.

2




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Legend

- ★ Approximate Release Point
- Assessment Sample Location
- ◻ Compressors
- ◆ Flare
- Ⓜ Electrical box and antenna
- ⦿ Electrical pole
- Approximate Release Extent
- ▬ Lined Containment
- Liner removed
- ▭ Skid
- ▭ Electrical panel
- ▭ Electrical panel and transformer
- Above ground Line
- Line off of tanks
- Flare line

Source: Google Earth, 2024.

 TETRA TECH www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	CONOCOPHILLIPS NAPP2532740849 (32.07741944°, -103.49643611°) LEA COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-04093 DATE: MAY 27, 2026 DESIGNED BY: LMV
	GUNNER FEDERAL 5D CTB RELEASE APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT ACTIVITIES	



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TABLES

TABLE 1
 SUMMARY OF ANALYTICAL RESULTS
 SOIL ASSESSMENT - NAPP2532740849
 CONOCOPHILLIPS
 GUNNER FEDERAL 5D CTB
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth ft. bgs	Chloride ¹ mg/kg	BTEX ²					TPH ³			
				Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO C ₆ - C ₁₀	DRO > C ₁₀ - C ₂₈	EXT DRO > C ₂₈ - C ₃₆	Total TPH (GRO+DRO+EXT DRO)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Soil Cleanup Criteria (GW >100 ft):			20,000 mg/kg	10 mg/kg	--	--	--	50 mg/kg	1,000 mg/kg	--	2,500 mg/kg	
VERTICAL DELINEATION SAMPLE LOCATIONS												
AH-1	12/31/2025	0-1	2,760	<0.050	<0.050	<0.050	0.394	0.394	15	257	30.9	302.9
T-1	3/2/2026	5-6	64.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
		7-8	48.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
AH-2	12/31/2025	0-1	32.0	<0.100	1.2	1.42	17.6	20.3	132	1,530	211	1,873
	1/27/2026	1-2	1,150	<0.050	0.879	0.842	9.14	10.9	357	2,710	481	3,548
		3-4	1,220	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
		4-5	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	141	33.5	174.5
AH-11	12/31/2025	0-1	4,720	<0.050	0.137	0.19	2.37	2.7	67.2	420	43.2	530.4
AH-12	12/31/2025	0-1	160	<0.500	5.8	4.71	64.4	74.9	1750	11,100	1,420	14,270
	1/27/2026	1-2	464	<0.050	0.064	0.084	0.982	1.13	72	656	119	847
		3-4	128	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	85.3	25	110.3
AH-13	3/2/2026	1	48.0	<0.050	<0.050	<0.050	15.1	15.1	632	5130	598	6,360
AH-15	3/2/2026	1	272	<0.050	<0.050	<0.050	0.845	0.845	30.8	633	87.1	750.9
HORIZONTAL DELINEATION SAMPLE LOCATIONS												
AH-3	12/31/2025	0-1	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
AH-4	12/31/2025	0-1	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
AH-5	12/31/2025	0-1	64.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
AH-6	12/31/2025	0-1	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
AH-7	12/31/2025	0-1	64.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	55.4	<10.0	55.4
AH-8	12/31/2025	0-1	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.5	<10.0	32.5
AH-9	12/31/2025	0-1	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48.6	<10.0	48.6
AH-10	12/31/2025	0-1	256	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0

TABLE 1
 SUMMARY OF ANALYTICAL RESULTS
 SOIL ASSESSMENT - NAPP2532740849
 CONOCOPHILLIPS
 GUNNER FEDERAL 5D CTB
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹	BTEX ²					TPH ³			
				Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	Total TPH (GRO+DRO+EXT DRO)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	C ₆ - C ₁₀	> C ₁₀ - C ₂₈	> C ₂₈ - C ₃₆	
AH-14	3/2/2026	1	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
AH-16	4/13/2026	0-6"	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
AH-17	4/13/2026	0-6"	112	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.1	<10.0	17.1

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 SM4500CI-B
- 2 Method 8021B
- 3 Method 8015M
- ND Not detected

Bold and italicized values indicate analytical results above the soil cleanup criteria

Shaded rows indicate soil intervals removed during the remedial activities

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL REMEDIATION - NAPP2532740849
GUNNER FEDERAL 5D CTB
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹	BTEX ²					TPH ³			
				Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	Total TPH
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	C ₆ - C ₁₀	> C ₁₀ - C ₂₈	> C ₂₈ - C ₃₆	(GRO+DRO+EXT DRO)
		ft. bgs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Soil Cleanup Criteria (GW >100 ft):			<u>20,000 mg/kg</u>	<u>10 mg/kg</u>	--	--	--	<u>50 mg/kg</u>	<u>1,000 mg/kg</u>		--	<u>2,500 mg/kg</u>
FS-1	5/19/2026	2	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.3	<10.0	24.3
FS-2	5/20/2026	2	256.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
FS-3	5/21/2026	2	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.8	<10.0	25.8
FS-4	5/22/2026	2	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.0	<10.0	12.0
NSW-1	5/23/2026	-	80.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ESW-1	5/24/2026	-	80.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ESW-2	5/25/2026	-	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
SSW-1	5/26/2026	-	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
WSW-1	5/27/2026	-	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
WSW-2	5/28/2026	-	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0

NOTES:

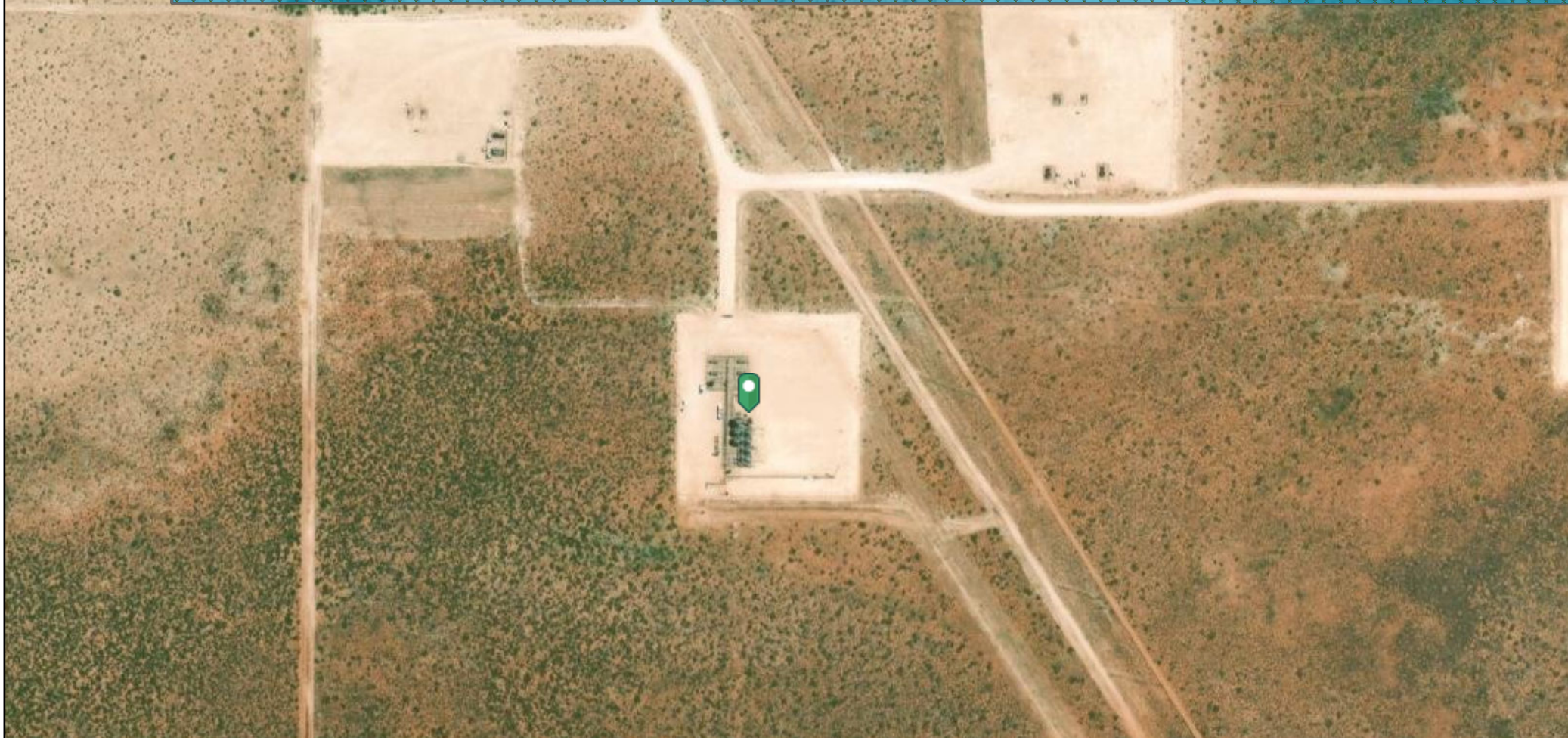
- ft. Feet
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500CI-B
- 2 Method 8021B
- 3 Method 8015M

APPENDIX A

Site Characterization

GR23800000

E019240001



Land Status

0 0.03 0.05 0.1
mi












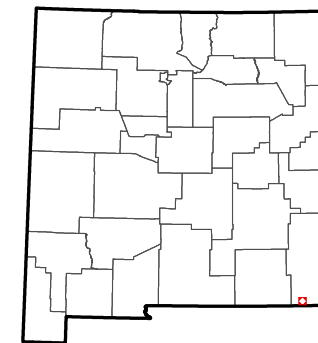
New Mexico State Land Office

Disclaimer:
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

Released to Imaging: 6/9/2026 9:06:39 AM
Map Created: 12/23/2025

- | | | | |
|---|----------------------------------|---|-------------------|
|  | Oil and Gas Leasing Restrictions |  | Commercial Leases |
|  | Energy Leases |  | Subsurface Estate |
|  | Agricultural Leases |  | Surface Estate |
|  | Oil and Gas Leases |  | Both Estates |
|  | Minerals Leases | | |










My Map

BLM_NM_Plant_Wildlife_Habitat

Special Status Plant and Wildlife Habitat

Potential Habitat (Planning Area Only)

-  Allred's Flax
-  Guadalupe Mountains and Foothills
-  Gypsum milkvetch
-  Gypsum wild buckwheat
-  Kuenzler's hedgehog cactus
-  Lee's pincushion cactus
-  Scheer's beehive cactus
-  Tharp's blue-star
-  Wright's waterwillow

Dunes Sage Brush Lizard Habitat



Lesser Prairie Chicken Habitat

-  Core Management Area
-  Habitat Evaluation



200ft

Bureau of Land Management - New Mexico State Office | Microsoft, Vantor



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 smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 03442 POD1		C	LE	SE	NW	NE	06	26S	34E	641055.8	3550028.1	●	851	251		
C 02292 POD1		CUB	LE	SE	NW	NE	06	26S	34E	640991.6	3549987.2	●	915	200	140	60
C 03441 POD1		C	LE	SE	NW	NE	06	26S	34E	640970.7	3550039.6	●	937	250		
C 02291		CUB	LE	NW	NW	NE	06	26S	34E	640825.0	3550140.0 *	●	1090	220	160	60

Average Depth to Water: **150 feet**

Minimum Depth: **140 feet**

Maximum Depth: **160 feet**

Record Count: 4

Basin/County Search:

County: LE

UTM Filters (in meters):

Easting: 641907.35

Northing: 3550006.03

Radius: 1500

* 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.

Karst Potential (Low)

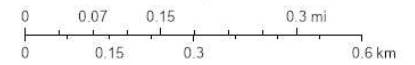


12/23/2025, 3:33:15 PM

Karst Occurrence Potential

Low

1:9,028

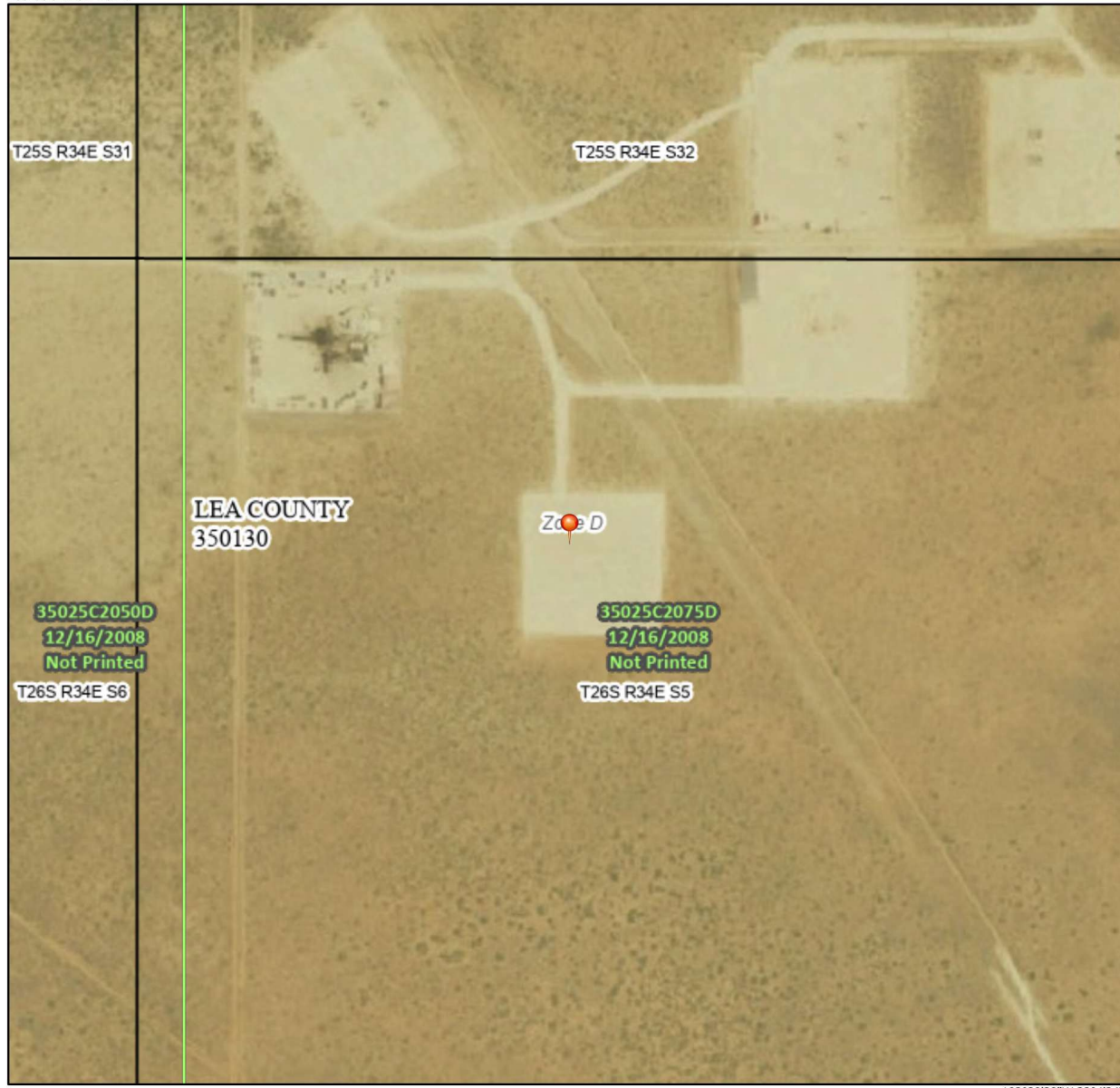


BLM, OCD, New Mexico Tech, Vantor

National Flood Hazard Layer FIRMeta



103°30'6"W 32°4'54"N



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**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
20.2
17.5
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature

- 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 12/24/2025 at 6:31 PM 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.

Basemap Imagery Source: USGS National Map 2023



Wetlands



May 27, 2026

Wetlands

- | | | |
|--|---|--|
|  Estuarine and Marine Deepwater |  Freshwater Emergent Wetland |  Lake |
|  Estuarine and Marine Wetland |  Freshwater Forested/Shrub Wetland |  Other |
| |  Freshwater Pond |  Riverine |

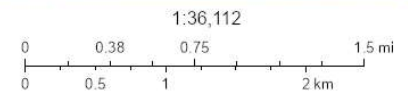
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OCD Hydrology



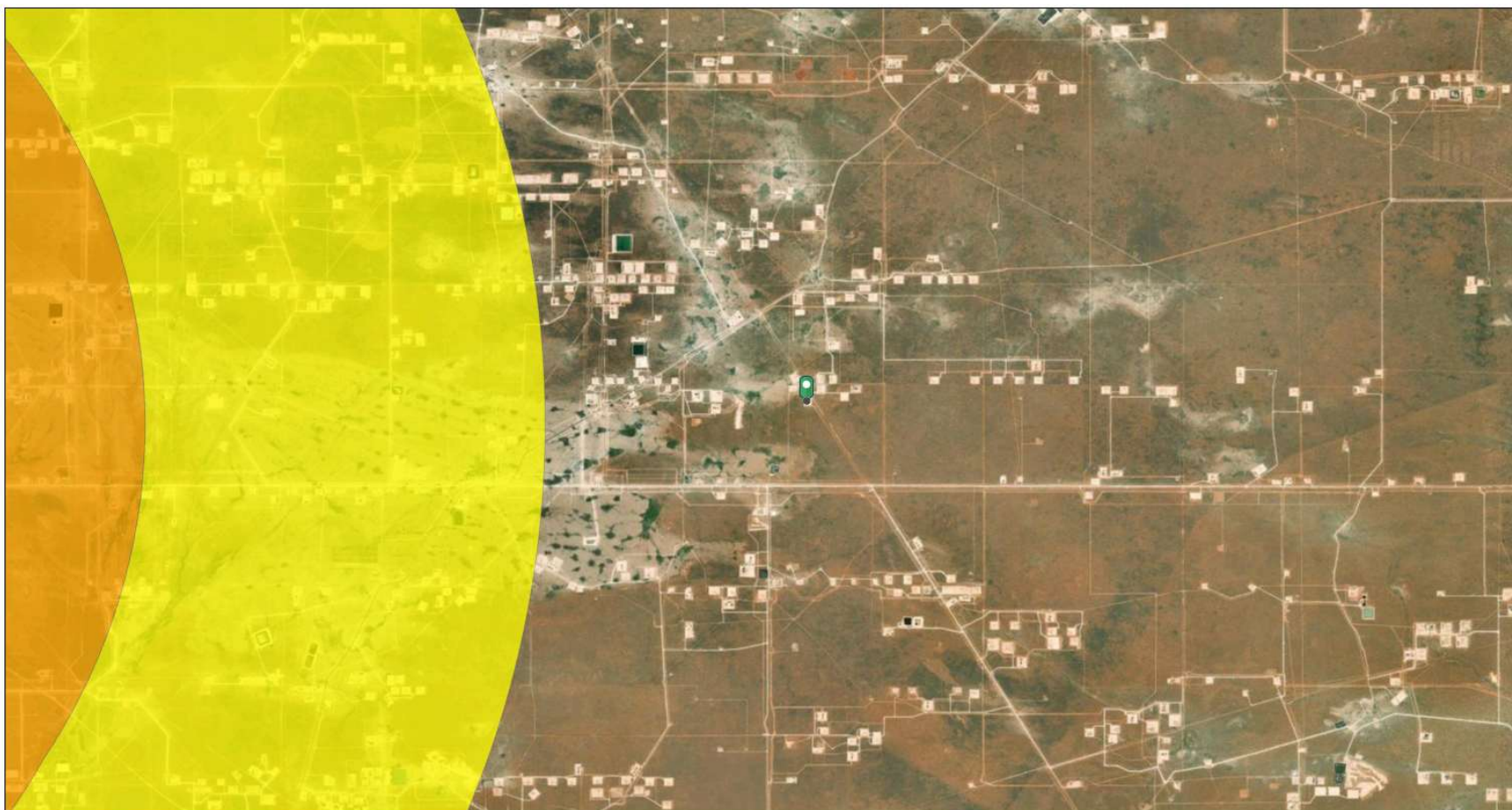
12/23/2025, 3:37:29 PM

— OSE Streams



Vantor, NM OSE

OCD Induced Seismicity

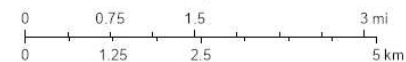


12/23/2025, 3:28:18 PM

Seismic Response 3.0 to 3.4

- 6 mi.
- 10 mi.

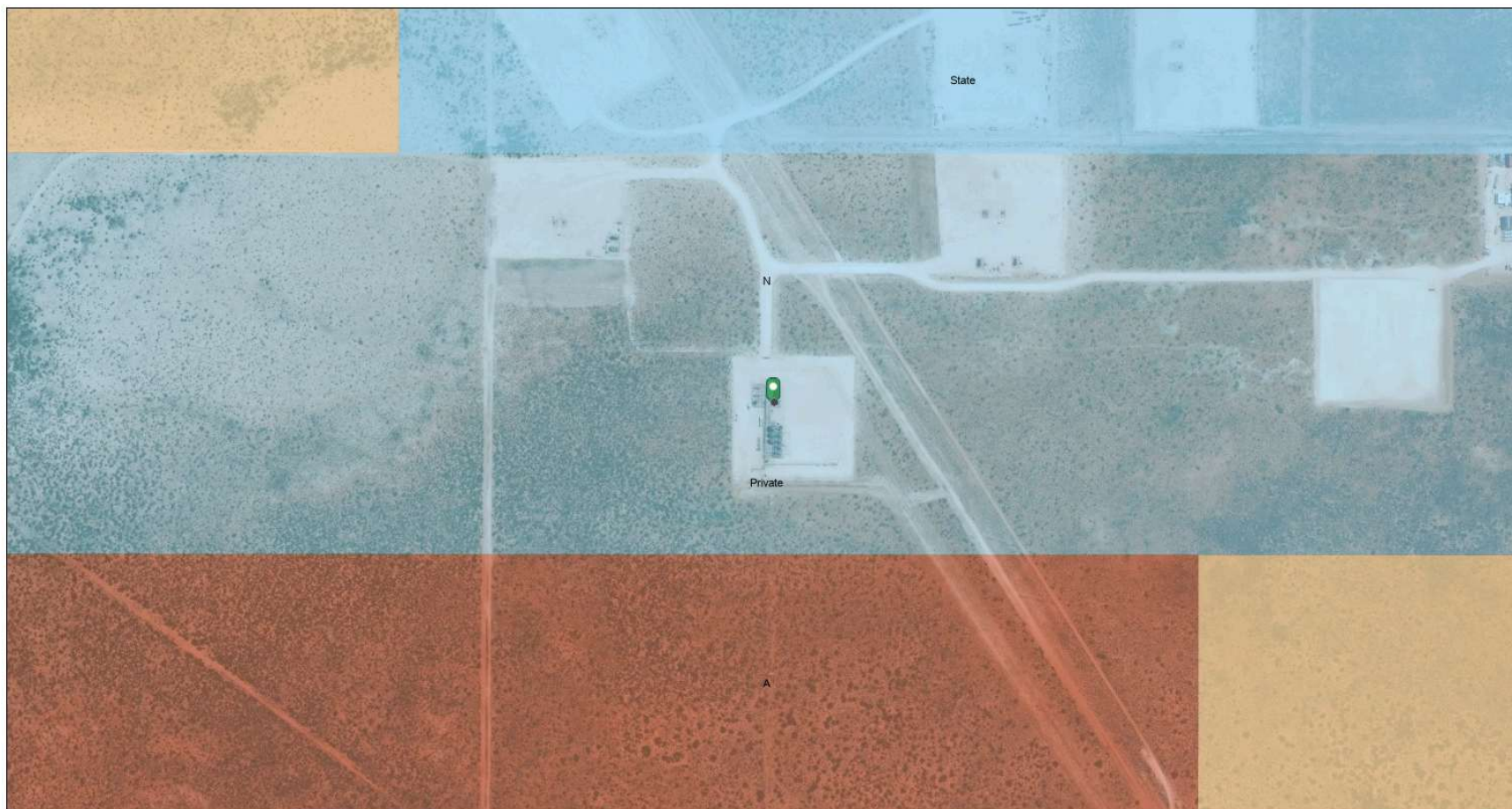
1:72,224



Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), Earthstar Geographics

New Mexico Oil Conservation Division
NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>; New Mexico Oil Conservation Division

OCD Mineral and Surface Ownership



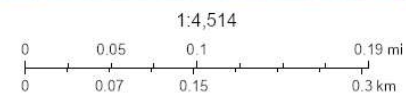
12/23/2025, 3:34:35 PM

Mineral Ownership

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

Land Ownership

- BLM
- P
- S



U.S. BLM, Vantor

Registered Mines

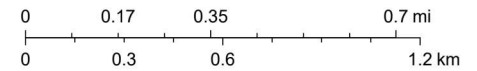


12/24/2025, 1:01:35 PM

Registered Mines

× Aggregate, Stone etc.

1:18,056



Vantor

APPENDIX B

Laboratory Analytical Data



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

January 08, 2026

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GUNNER FEDERAL 5D CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 01/02/26 14:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 1 (0-1') (H260013-01)

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	01/05/2026	ND	2.05	103	2.00	6.11		
Toluene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	6.98		
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	7.33		
Total Xylenes*	0.394	0.150	01/05/2026	ND	6.11	102	6.00	7.62	GC-NC1	
Total BTEX	0.394	0.300	01/05/2026	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2760	16.0	01/02/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	15.0	10.0	01/02/2026	ND	196	97.9	200	2.48		
DRO >C10-C28*	257	10.0	01/02/2026	ND	177	88.7	200	1.24		
EXT DRO >C28-C36	30.9	10.0	01/02/2026	ND						

Surrogate: 1-Chlorooctane 120 % 52.4-130

Surrogate: 1-Chlorooctadecane 130 % 39.9-141

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 2 (0-1') (H260013-02)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	01/06/2026	ND	2.05	103	2.00	6.11		
Toluene*	1.20	0.100	01/06/2026	ND	2.06	103	2.00	6.98	GC-NC1	
Ethylbenzene*	1.42	0.100	01/06/2026	ND	2.06	103	2.00	7.33	GC-NC1	
Total Xylenes*	17.6	0.300	01/06/2026	ND	6.11	102	6.00	7.62	GC-NC1	
Total BTEX	20.3	0.600	01/06/2026	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 225 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/02/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	132	10.0	01/02/2026	ND	196	97.9	200	2.48		
DRO >C10-C28*	1530	10.0	01/02/2026	ND	177	88.7	200	1.24		
EXT DRO >C28-C36	211	10.0	01/02/2026	ND						

Surrogate: 1-Chlorooctane 139 % 52.4-130

Surrogate: 1-Chlorooctadecane 160 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 3 (0-1') (H260013-03)

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	01/05/2026	ND	2.05	103	2.00	6.11	
Toluene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	6.98	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	7.33	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.11	102	6.00	7.62	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/02/2026	ND	448	112	400	3.64	

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	01/02/2026	ND	196	97.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	01/02/2026	ND	177	88.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/02/2026	ND					

Surrogate: 1-Chlorooctane 95.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 103 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 4 (0-1') (H260013-04)

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	01/05/2026	ND	2.05	103	2.00	6.11	
Toluene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	6.98	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	7.33	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.11	102	6.00	7.62	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/02/2026	ND	448	112	400	3.64	

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	01/02/2026	ND	196	97.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	01/02/2026	ND	177	88.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/02/2026	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 110 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 5 (0-1') (H260013-05)

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	01/05/2026	ND	2.05	103	2.00	6.11	
Toluene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	6.98	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	7.33	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.11	102	6.00	7.62	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/02/2026	ND	448	112	400	3.64	

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	01/02/2026	ND	196	97.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	01/02/2026	ND	177	88.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/02/2026	ND					

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 6 (0-1') (H260013-06)

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	01/05/2026	ND	2.05	103	2.00	6.11	
Toluene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	6.98	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	7.33	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.11	102	6.00	7.62	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

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	01/05/2026	ND	464	116	400	10.9	

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	01/02/2026	ND	196	97.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	01/02/2026	ND	177	88.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/02/2026	ND					

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 106 % 39.9-141

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 7 (0-1') (H260013-07)

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	01/05/2026	ND	2.05	103	2.00	6.11	
Toluene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	6.98	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	7.33	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.11	102	6.00	7.62	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/05/2026	ND	464	116	400	10.9	

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	01/02/2026	ND	196	97.9	200	2.48	
DRO >C10-C28*	55.4	10.0	01/02/2026	ND	177	88.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/02/2026	ND					

Surrogate: 1-Chlorooctane 94.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 8 (0-1') (H260013-08)

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	01/05/2026	ND	2.05	103	2.00	6.11	
Toluene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	6.98	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	7.33	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.11	102	6.00	7.62	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/05/2026	ND	464	116	400	10.9	

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	01/02/2026	ND	196	97.9	200	2.48	
DRO >C10-C28*	32.5	10.0	01/02/2026	ND	177	88.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/02/2026	ND					

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 110 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 9 (0-1') (H260013-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	2.05	103	2.00	6.11	
Toluene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	6.98	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	7.33	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.11	102	6.00	7.62	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/05/2026	ND	464	116	400	10.9	

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	01/02/2026	ND	196	97.9	200	2.48	
DRO >C10-C28*	48.6	10.0	01/02/2026	ND	177	88.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/02/2026	ND					

Surrogate: 1-Chlorooctane 111 % 52.4-130

Surrogate: 1-Chlorooctadecane 115 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 10 (0-1') (H260013-10)

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	01/05/2026	ND	2.05	103	2.00	6.11		
Toluene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	6.98		
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.06	103	2.00	7.33		
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.11	102	6.00	7.62		
Total BTEX	<0.300	0.300	01/05/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/05/2026	ND	464	116	400	10.9		

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	01/02/2026	ND	196	97.9	200	2.48		
DRO >C10-C28*	<10.0	10.0	01/02/2026	ND	177	88.7	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	01/02/2026	ND						

Surrogate: 1-Chlorooctane 109 % 52.4-130

Surrogate: 1-Chlorooctadecane 116 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 11 (0-1') (H260013-11)

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	01/05/2026	ND	2.05	103	2.00	6.11	
Toluene*	0.137	0.050	01/05/2026	ND	2.06	103	2.00	6.98	GC-NC1
Ethylbenzene*	0.190	0.050	01/05/2026	ND	2.06	103	2.00	7.33	GC-NC1
Total Xylenes*	2.37	0.150	01/05/2026	ND	6.11	102	6.00	7.62	GC-NC1
Total BTEX	2.70	0.300	01/05/2026	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 123 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	01/05/2026	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	67.2	10.0	01/02/2026	ND	196	97.9	200	2.48	
DRO >C10-C28*	420	10.0	01/02/2026	ND	177	88.7	200	1.24	
EXT DRO >C28-C36	43.2	10.0	01/02/2026	ND					

Surrogate: 1-Chlorooctane 121 % 52.4-130

Surrogate: 1-Chlorooctadecane 125 % 39.9-141

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/02/2026	Sampling Date:	12/31/2025
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 12 (0-1') (H260013-12)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	01/05/2026	ND	2.05	103	2.00	6.11		
Toluene*	5.80	0.500	01/05/2026	ND	2.06	103	2.00	6.98	GC-NC1	
Ethylbenzene*	4.71	0.500	01/05/2026	ND	2.06	103	2.00	7.33		
Total Xylenes*	64.4	1.50	01/05/2026	ND	6.11	102	6.00	7.62		
Total BTEX	74.9	3.00	01/05/2026	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 176 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/05/2026	ND	464	116	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	1750	50.0	01/05/2026	ND	196	97.9	200	2.48		
DRO >C10-C28*	11100	50.0	01/05/2026	ND	177	88.7	200	1.24		
EXT DRO >C28-C36	1420	50.0	01/05/2026	ND						

Surrogate: 1-Chlorooctane 389 % 52.4-130

Surrogate: 1-Chlorooctadecane 205 % 39.9-141

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4539
Fax (432) 682-3946

Client Name: **Conoco Phillips**

Site Manager: **Sam Abbott**

Project Name: **Gunner Federal 5D CTB Release**

(512) 338-2852

Sam.Abbott@TetraTech.com

Project Location: **Lea County NM**

Project #:

212C-MD-04093

Invoice to: **ATTN: Sam Abbott**

Receiving Laboratory: **Cardinal Labs**

Sampler Signature:

Joel Van Buskirk (575)552-1209

Comments:

Include: Sam Abbott Sam.Abbott@TetraTech.com

202-0402401K

LAB # **HA00013**
LAB USE ONLY

SAMPLE IDENTIFICATION

INQUIRY BY	DATE	TIME	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	SAMPLING		MATRIX	
													YEAR	2025		
1	AH-1 (0-1')	12/31/2025	13:00 PM	X							1	X	X			
2	AH-2 (0-1')	12/31/2025	13:03 PM	X							1	X	X			
3	AH-3 (0-1')	12/31/2025	13:05	X							1	X	X			
4	AH-4 (0-1')	12/31/2025	13:07	X							1	X	X			
5	AH-5 (0-1')	12/31/2025	13:10	X							1	X	X			
6	AH-6 (0-1')	12/31/2025	13:13	X							1	X	X			
7	AH-7 (0-1')	12/31/2025	13:16	X							1	X	X			
8	AH-8 (0-1')	12/31/2025	13:19	X							1	X	X			
9	AH-9 (0-1')	12/31/2025	13:23	X							1	X	X			
10	AH-10 (0-1')	12/31/2025	13:26	X							1	X	X			

Inquired by: *[Signature]* Date: **01-02-26** Time: **14:07**

Received by: *[Signature]* Date: **12-31-2025** Time: **14:38**

Inquired by: _____ Date: _____ Time: _____

Received by: _____ Date: _____ Time: _____

ANALYSIS REQUEST
(Circle or Specify Method No.)

<input checked="" type="checkbox"/>	BTEX 8021B	BTEX 8260B
<input checked="" type="checkbox"/>	TPH TX1005 (Ext to C35)	
<input checked="" type="checkbox"/>	TPH 8015M (GRO - DRO - ORO - MRO)	
<input checked="" type="checkbox"/>	PAH 8270C	
<input checked="" type="checkbox"/>	Total Metals Ag As Ba Cd Cr Pb Se Hg	
<input checked="" type="checkbox"/>	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
<input checked="" type="checkbox"/>	TCLP Volatiles	
<input checked="" type="checkbox"/>	TCLP Semi Volatiles	
<input checked="" type="checkbox"/>	RCI	
<input checked="" type="checkbox"/>	GC/MS Vol. 8260B / 624	
<input checked="" type="checkbox"/>	GC/MS Semi. Vol. 8270C/625	
<input checked="" type="checkbox"/>	PCB's 8082 / 608	
<input checked="" type="checkbox"/>	NORM	
<input checked="" type="checkbox"/>	PLM (Asbestos)	
<input checked="" type="checkbox"/>	Chloride 4500	
<input checked="" type="checkbox"/>	Chloride Sulfate TDS	
<input checked="" type="checkbox"/>	General Water Chemistry (see attached list)	
<input checked="" type="checkbox"/>	Anion/Cation Balance	
<input checked="" type="checkbox"/>	Hold	

LAB USE ONLY

REMARKS: **Standard**

Sample Temperature

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking # _____

ORIGINAL COPY

Analysis Request of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 582-3946

Client Name: Conoco Phillips

Site Manager: Sam Abbott

Project Name: Gunner Federal 5D CTB Release

(512) 338-2852
Sam.Abbott@TetraTech.com

Project Location: Lea County NM

Project #: 212C-MD-04093

Invoice to: ATTN: Sam Abbott

Receiving Laboratory: Cardinal Labs

Sampler Signature: Joel Van Buskirk (575)552-1209

Comments: Include: Sam Abbott Sam.Abbott@TetraTech.com

2020.0403401K

SAMPLE IDENTIFICATION

LAB # (LAB USE ONLY)	DATE	TIME	MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
			WATER	SOIL	HCL	HNO ₃		
11	AH-11 (0-1')	12/31/2025	13:28	X	X	X	X	1
12	AH-12 (0-1')	12/31/2025	13:31	X	X	X	X	1

LAB USE ONLY	REMARKS: Standard
<input checked="" type="checkbox"/>	BTEX 8021B BTEX 8260B
<input checked="" type="checkbox"/>	TPH TX1005 (Ext to C35)
<input checked="" type="checkbox"/>	TPH 8015M (GRO - DRO - ORO - MRO)
<input type="checkbox"/>	PAH 8270C
<input type="checkbox"/>	Total Metals Ag As Ba Cd Cr Pb Se Hg
<input type="checkbox"/>	TCLP Metals Ag As Ba Cd Cr Pb Se Hg
<input type="checkbox"/>	TCLP Volatiles
<input type="checkbox"/>	TCLP Semi Volatiles
<input type="checkbox"/>	RCI
<input type="checkbox"/>	GC/MS Vol. 8260B / 624
<input type="checkbox"/>	GC/MS Semi. Vol. 8270C/625
<input type="checkbox"/>	PCB's 8082 / 608
<input type="checkbox"/>	NORM
<input type="checkbox"/>	PLM (Asbestos)
<input checked="" type="checkbox"/>	Chloride 4500
<input type="checkbox"/>	Chloride Sulfate TDS
<input type="checkbox"/>	General Water Chemistry (see attached list)
<input type="checkbox"/>	Anion/Cation Balance
<input type="checkbox"/>	Hold

Sample Temperature: -7.8°C

LAB USE ONLY

REMARKS: Standard

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

Relinquished by: [Signature] Date: 01-02-2016 Time: 14:07

Received by: [Signature] Date: 08-02-2016 Time: 13:30

Received by: [Signature] Date: 01-02-2016 Time: 14:07

ORIGINAL COPY



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

February 03, 2026

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GUNNER FEDERAL 5D CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 01/28/26 16:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2026	Sampling Date:	01/27/2026
Reported:	02/03/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 2 (1'-2') (H260511-01)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/29/2026	ND	1.97	98.4	2.00	0.422	GC-NC	
Toluene*	0.879	0.050	01/29/2026	ND	1.85	92.7	2.00	0.591	GC-NC1	
Ethylbenzene*	0.842	0.050	01/29/2026	ND	1.84	91.8	2.00	0.0941	GC-NC1	
Total Xylenes*	9.14	0.150	01/29/2026	ND	5.45	90.9	6.00	0.315	GC-NC1	
Total BTEX	10.9	0.300	01/29/2026	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 284 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	01/29/2026	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	357	10.0	01/29/2026	ND	208	104	200	2.43		
DRO >C10-C28*	2710	10.0	01/29/2026	ND	211	105	200	2.91		
EXT DRO >C28-C36	481	10.0	01/29/2026	ND						

Surrogate: 1-Chlorooctane 132 % 52.4-130

Surrogate: 1-Chlorooctadecane 177 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2026	Sampling Date:	01/27/2026
Reported:	02/03/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 2 (3'-4') (H260511-02)

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	01/29/2026	ND	1.97	98.4	2.00	0.422	
Toluene*	<0.050	0.050	01/29/2026	ND	1.85	92.7	2.00	0.591	
Ethylbenzene*	<0.050	0.050	01/29/2026	ND	1.84	91.8	2.00	0.0941	
Total Xylenes*	<0.150	0.150	01/29/2026	ND	5.45	90.9	6.00	0.315	
Total BTEX	<0.300	0.300	01/29/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	01/29/2026	ND	480	120	400	3.39	

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	01/30/2026	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/30/2026	ND	211	105	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	01/30/2026	ND					

Surrogate: 1-Chlorooctane 99.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2026	Sampling Date:	01/27/2026
Reported:	02/03/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 2 (4'-5') (H260511-03)

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	01/29/2026	ND	1.97	98.4	2.00	0.422	
Toluene*	<0.050	0.050	01/29/2026	ND	1.85	92.7	2.00	0.591	
Ethylbenzene*	<0.050	0.050	01/29/2026	ND	1.84	91.8	2.00	0.0941	
Total Xylenes*	<0.150	0.150	01/29/2026	ND	5.45	90.9	6.00	0.315	
Total BTEX	<0.300	0.300	01/29/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/29/2026	ND	480	120	400	3.39	

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	01/29/2026	ND	208	104	200	2.43	
DRO >C10-C28*	141	10.0	01/29/2026	ND	211	105	200	2.91	
EXT DRO >C28-C36	33.5	10.0	01/29/2026	ND					

Surrogate: 1-Chlorooctane 115 % 52.4-130

Surrogate: 1-Chlorooctadecane 124 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2026	Sampling Date:	01/27/2026
Reported:	02/03/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 12 (1'-2') (H260511-04)

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	01/29/2026	ND	1.93	96.6	2.00	2.16	
Toluene*	0.064	0.050	01/29/2026	ND	1.82	90.9	2.00	1.17	GC-NC1
Ethylbenzene*	0.084	0.050	01/29/2026	ND	1.79	89.7	2.00	0.727	GC-NC1
Total Xylenes*	0.982	0.150	01/29/2026	ND	5.32	88.7	6.00	0.901	GC-NC1
Total BTEX	1.13	0.300	01/29/2026	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 119 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/29/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	72.0	10.0	01/29/2026	ND	208	104	200	2.43	
DRO >C10-C28*	656	10.0	01/29/2026	ND	211	105	200	2.91	
EXT DRO >C28-C36	119	10.0	01/29/2026	ND					

Surrogate: 1-Chlorooctane 106 % 52.4-130

Surrogate: 1-Chlorooctadecane 121 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2026	Sampling Date:	01/27/2026
Reported:	02/03/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 12 (3'-4') (H260511-05)

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	01/29/2026	ND	1.93	96.6	2.00	2.16	
Toluene*	<0.050	0.050	01/29/2026	ND	1.82	90.9	2.00	1.17	
Ethylbenzene*	<0.050	0.050	01/29/2026	ND	1.79	89.7	2.00	0.727	
Total Xylenes*	<0.150	0.150	01/29/2026	ND	5.32	88.7	6.00	0.901	
Total BTEX	<0.300	0.300	01/29/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/29/2026	ND	480	120	400	3.39	

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	01/29/2026	ND	208	104	200	2.43	
DRO >C10-C28*	85.3	10.0	01/29/2026	ND	211	105	200	2.91	
EXT DRO >C28-C36	25.0	10.0	01/29/2026	ND					

Surrogate: 1-Chlorooctane 109 % 52.4-130

Surrogate: 1-Chlorooctadecane 117 % 39.9-141

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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

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Tetra Tech</u> Project Manager: <u>Sawn Abbot</u>		P.O. #: _____ Company: <u>TT</u>	
Address: _____ City: _____ State: _____ Zip: _____		Attn: _____ Address: _____ City: _____ State: _____ Zip: _____	
Phone #: _____ Fax #: _____ Project #: <u>2102-MD-04093</u> Project Owner: _____		State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Project Name: <u>Summer Federal CTR</u> Project Location: <u>Lea Co.</u>		Project Name: _____ Project Location: _____	
Sampler Name: <u>Soel Von Baskirk</u>		Sampler Name: _____	
FOR LAB USE ONLY			
Lab I.D. <u>H900511</u>	Sample I.D. _____	(G)RAB OR (C)OMP. _____	# CONTAINERS _____
AH-2 (1'-2') AH-2 (3'-4') AH-2 (4'-5') AH-10 (1'-2') AH-10 (3'-4')		GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____	
X X		ACID/BASE: _____ ICE / COOL _____ OTHER: _____	
DATE _____ TIME _____		DATE _____ TIME _____	
1-27 13:11 1-27 13:14 1-27 13:17 1-27 13:21 1-27 13:25		TDH BTEX Chloride	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____ Date: 1-28-26 Time: _____
 Received By: _____ Date: 16:07 Time: _____

Delivered By: (Circle One) Observed Temp. °C: -35 Corrected Temp. °C: -34
 Sampler - UPS - Bus - Other: _____

Sample Condition: Cool Intact Yes No
 Sample Intact Yes No

Checked By: SA (Initials)

Turnaround Time: 0408401K Standard Rush
 Thermometer ID #140 Correction Factor +0.3°C +0.1°C

Bacteria (only) Sample Condition: Cool Intact Yes No
 Observed Temp. °C _____ Corrected Temp. °C _____

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: Sawn.Abbot@TetraTech.com

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



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

March 06, 2026

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GUNNER FEDERAL 5D CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/02/26 13:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/02/2026	Sampling Date:	03/02/2026
Reported:	03/06/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: T - 1 (5'-6') (H261147-01)

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	03/02/2026	ND	2.17	108	2.00	4.85	
Toluene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	3.14	
Ethylbenzene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	2.07	QM-07
Total Xylenes*	<0.150	0.150	03/02/2026	ND	6.22	104	6.00	1.73	
Total BTEX	<0.300	0.300	03/02/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/02/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2026	ND	187	93.5	200	0.201	
DRO >C10-C28*	<10.0	10.0	03/02/2026	ND	200	100	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	03/02/2026	ND					

Surrogate: 1-Chlorooctane 75.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/02/2026	Sampling Date:	03/02/2026
Reported:	03/06/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: T - 1 (7'-8') (H261147-02)

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	03/02/2026	ND	2.17	108	2.00	4.85		
Toluene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	3.14		
Ethylbenzene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	2.07		
Total Xylenes*	<0.150	0.150	03/02/2026	ND	6.22	104	6.00	1.73		
Total BTEX	<0.300	0.300	03/02/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/02/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/02/2026	ND	187	93.5	200	0.201		
DRO >C10-C28*	<10.0	10.0	03/02/2026	ND	200	100	200	1.96		
EXT DRO >C28-C36	<10.0	10.0	03/02/2026	ND						

Surrogate: 1-Chlorooctane 73.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/02/2026	Sampling Date:	03/02/2026
Reported:	03/06/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 13 (H261147-03)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/02/2026	ND	2.17	108	2.00	4.85		
Toluene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	3.14	GC-NC	
Ethylbenzene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	2.07		
Total Xylenes*	15.1	0.150	03/02/2026	ND	6.22	104	6.00	1.73	GC-NC1	
Total BTEX	15.1	0.300	03/02/2026	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 342 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/02/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	632	10.0	03/02/2026	ND	187	93.5	200	0.201		
DRO >C10-C28*	5130	10.0	03/02/2026	ND	200	100	200	1.96		
EXT DRO >C28-C36	598	10.0	03/02/2026	ND						

Surrogate: 1-Chlorooctane 131 % 52.4-130

Surrogate: 1-Chlorooctadecane 118 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/02/2026	Sampling Date:	03/02/2026
Reported:	03/06/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 14 (H261147-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2026	ND	2.17	108	2.00	4.85	
Toluene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	3.14	
Ethylbenzene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	2.07	
Total Xylenes*	<0.150	0.150	03/02/2026	ND	6.22	104	6.00	1.73	
Total BTEX	<0.300	0.300	03/02/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/02/2026	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/02/2026	ND	201	100	200	1.78	
DRO >C10-C28*	<10.0	10.0	03/02/2026	ND	188	93.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/02/2026	ND					

Surrogate: 1-Chlorooctane 82.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/02/2026	Sampling Date:	03/02/2026
Reported:	03/06/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Alyssa Parras
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH - 15 (H261147-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2026	ND	2.17	108	2.00	4.85	
Toluene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	3.14	
Ethylbenzene*	<0.050	0.050	03/02/2026	ND	2.08	104	2.00	2.07	
Total Xylenes*	0.845	0.150	03/02/2026	ND	6.22	104	6.00	1.73	GC-NC1
Total BTEX	0.845	0.300	03/02/2026	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 131 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/02/2026	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	30.8	10.0	03/02/2026	ND	201	100	200	1.78	
DRO >C10-C28*	633	10.0	03/02/2026	ND	188	93.9	200	1.43	
EXT DRO >C28-C36	87.1	10.0	03/02/2026	ND					

Surrogate: 1-Chlorooctane 94.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 137 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Handwritten signature of Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech - Conoco Phillips		P.O. #:		
Project Manager: Sam Abbott		Company:	Tetra Tech	
Address:		Attn:	Sam Abbott	
City:	State:	Address:		
Phone #:	Fax #:	City:		
Project #: 2126-MD-04693 Project Owner:		State:		
Project Name: Gunner Federal 50 CRB		City:		
Project Location: Lea Co, NM		State:		
Sampler Name: Andrew Garcia		Phone #:		
FOR LAB USE ONLY		Fax #:		

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	DATE	TIME	ANALYSIS REQUEST					
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				ACID/BASE:	ICE / COOL	OTHER :	TPH	BTEX	Chloride
H040147	T-1 (5'-6')		1			X					3/2	2026	X	X	X			
	T-1 (7'-8')		2			X							X	X	X			
	AH-13		3			X							X	X	X			
	AH-14		4			X							X	X	X			
	AH-15		5			X							X	X	X			

Relinquished By: Andrew Garcia	Date: 3/2/26	Time: 13:12	Received By: APAVES	Date: 3/2/26	Time: 13:12
Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:
Sampler - UPS - Bus - Other:	4.0	4.1	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	AP	Standard <input checked="" type="checkbox"/> RUSH
			Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
					Sample Condition <input type="checkbox"/> Observed Temp. °C
					Corrected Temp. °C

REMARKS: **Andrew Garcia & TetraTech.com**

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address: **Sam.Abbott@TetraTech.com**

FORM-006 R 3.7.01/06/26

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

Cardinal Laboratories



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

April 17, 2026

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GUNNER FEDERAL 5D CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 04/13/26 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/13/2026	Sampling Date:	04/13/2026
Reported:	04/17/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Tamara Oldaker
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH- 16 (0-6") (H262106-01)

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	04/16/2026	ND	2.08	104	2.00	1.51	
Toluene*	<0.050	0.050	04/16/2026	ND	2.02	101	2.00	1.08	
Ethylbenzene*	<0.050	0.050	04/16/2026	ND	2.02	101	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/16/2026	ND	6.08	101	6.00	2.49	
Total BTEX	<0.300	0.300	04/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/15/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2026	ND	200	100	200	0.567	
DRO >C10-C28*	<10.0	10.0	04/15/2026	ND	189	94.7	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	04/15/2026	ND					

Surrogate: 1-Chlorooctane 92.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/13/2026	Sampling Date:	04/13/2026
Reported:	04/17/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Tamara Oldaker
Project Location:	COP-LEA COUNTY,NM		

Sample ID: AH- 17 (0-6") (H262106-02)

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	04/16/2026	ND	2.08	104	2.00	1.51		
Toluene*	<0.050	0.050	04/16/2026	ND	2.02	101	2.00	1.08		
Ethylbenzene*	<0.050	0.050	04/16/2026	ND	2.02	101	2.00	2.20		
Total Xylenes*	<0.150	0.150	04/16/2026	ND	6.08	101	6.00	2.49		
Total BTEX	<0.300	0.300	04/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/15/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/15/2026	ND	200	100	200	0.567		
DRO >C10-C28*	17.1	10.0	04/15/2026	ND	189	94.7	200	1.72		
EXT DRO >C28-C36	<10.0	10.0	04/15/2026	ND						

Surrogate: 1-Chlorooctane 79.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg _____ of _____

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech
 Project Manager: Sam Abbott
 Address: _____
 City: _____ State: _____ Zip: _____
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 Phone #: _____ Fax #: _____
 Project #: 210C-MD-01093 Project Owner: _____
 City: _____ State: _____ Zip: _____
 Project Name: Gunner Federal BDCB
 Project Location: Lea Co.
 Sampler Name: Joel Von Buskirk
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING		DATE	TIME	BTX	TPH	Chloride
		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:					
AB00010	AH-16 (6-6")		1			X				4-13		X	X	X
	AH-17 (6-6")		1			X				4-13		X	X	X

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Relinquished By: _____ Date: 4-13
 Received By: _____ Date: 4-13
 Verbal Result: Yes No Add'l Phone #: 0402401K
 All Results are emailed. Please provide Email address: Sam.Abbot@TetraTech.com
 REMARKS: _____

Delivered By: (Circle One) Observed Temp. °C: 0.2 Corrected Temp. °C: 0.1
 Sampler - UPS - Bus - Other: _____
 Sample Condition: Cool Intact Yes No
 CHECKED BY: _____ (Initials)
 Turnaround Time: _____ Standard Bacteria (only) Sample Condition Cool Intact Yes No
 Thermometer ID #140 Correction Factor -0.1°C
 Corrected Temp. °C: _____

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



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

May 20, 2026

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GUNNER FEDERAL 5D CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/19/26 15:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: FS-1 (H262840-01)

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	05/19/2026	ND	2.17	109	2.00	0.324	
Toluene*	<0.050	0.050	05/19/2026	ND	2.08	104	2.00	1.05	
Ethylbenzene*	<0.050	0.050	05/19/2026	ND	2.00	100	2.00	0.712	
Total Xylenes*	<0.150	0.150	05/19/2026	ND	5.84	97.4	6.00	0.767	
Total BTEX	<0.300	0.300	05/19/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/20/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2026	ND	191	95.5	200	1.77	
DRO >C10-C28*	24.3	10.0	05/19/2026	ND	186	93.1	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	05/19/2026	ND					

Surrogate: 1-Chlorooctane 90.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.7 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: FS-2 (H262840-02)

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	05/19/2026	ND	2.17	109	2.00	0.324	
Toluene*	<0.050	0.050	05/19/2026	ND	2.08	104	2.00	1.05	
Ethylbenzene*	<0.050	0.050	05/19/2026	ND	2.00	100	2.00	0.712	
Total Xylenes*	<0.150	0.150	05/19/2026	ND	5.84	97.4	6.00	0.767	
Total BTEX	<0.300	0.300	05/19/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/20/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2026	ND	191	95.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/19/2026	ND	186	93.1	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	05/19/2026	ND					

Surrogate: 1-Chlorooctane 92.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: FS-3 (H262840-03)

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	05/19/2026	ND	2.17	109	2.00	0.324	
Toluene*	<0.050	0.050	05/19/2026	ND	2.08	104	2.00	1.05	
Ethylbenzene*	<0.050	0.050	05/19/2026	ND	2.00	100	2.00	0.712	
Total Xylenes*	<0.150	0.150	05/19/2026	ND	5.84	97.4	6.00	0.767	
Total BTEX	<0.300	0.300	05/19/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/20/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2026	ND	191	95.5	200	1.77	
DRO >C10-C28*	25.8	10.0	05/19/2026	ND	186	93.1	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	05/19/2026	ND					

Surrogate: 1-Chlorooctane 98.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 103 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: FS-4 (H262840-04)

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	05/19/2026	ND	2.17	109	2.00	0.324	
Toluene*	<0.050	0.050	05/19/2026	ND	2.08	104	2.00	1.05	
Ethylbenzene*	<0.050	0.050	05/19/2026	ND	2.00	100	2.00	0.712	
Total Xylenes*	<0.150	0.150	05/19/2026	ND	5.84	97.4	6.00	0.767	
Total BTEX	<0.300	0.300	05/19/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/20/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2026	ND	191	95.5	200	1.77	
DRO >C10-C28*	12.0	10.0	05/20/2026	ND	186	93.1	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	05/20/2026	ND					

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: NSW-1 (H262840-05)

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	05/20/2026	ND	2.17	109	2.00	0.324	
Toluene*	<0.050	0.050	05/20/2026	ND	2.08	104	2.00	1.05	
Ethylbenzene*	<0.050	0.050	05/20/2026	ND	2.00	100	2.00	0.712	
Total Xylenes*	<0.150	0.150	05/20/2026	ND	5.84	97.4	6.00	0.767	
Total BTEX	<0.300	0.300	05/20/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/20/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2026	ND	191	95.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/20/2026	ND	186	93.1	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	05/20/2026	ND					

Surrogate: 1-Chlorooctane 108 % 52.4-130

Surrogate: 1-Chlorooctadecane 107 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: ESW-1 (H262840-06)

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	05/20/2026	ND	2.17	109	2.00	0.324	
Toluene*	<0.050	0.050	05/20/2026	ND	2.08	104	2.00	1.05	
Ethylbenzene*	<0.050	0.050	05/20/2026	ND	2.00	100	2.00	0.712	
Total Xylenes*	<0.150	0.150	05/20/2026	ND	5.84	97.4	6.00	0.767	
Total BTEX	<0.300	0.300	05/20/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/20/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2026	ND	191	95.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/20/2026	ND	186	93.1	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	05/20/2026	ND					

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 105 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: ESW-2 (H262840-07)

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	05/20/2026	ND	2.17	109	2.00	0.324	
Toluene*	<0.050	0.050	05/20/2026	ND	2.08	104	2.00	1.05	
Ethylbenzene*	<0.050	0.050	05/20/2026	ND	2.00	100	2.00	0.712	
Total Xylenes*	<0.150	0.150	05/20/2026	ND	5.84	97.4	6.00	0.767	
Total BTEX	<0.300	0.300	05/20/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/20/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2026	ND	191	95.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/20/2026	ND	186	93.1	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	05/20/2026	ND					

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: SSW-1 (H262840-08)

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	05/20/2026	ND	2.17	109	2.00	0.324		
Toluene*	<0.050	0.050	05/20/2026	ND	2.08	104	2.00	1.05		
Ethylbenzene*	<0.050	0.050	05/20/2026	ND	2.00	100	2.00	0.712		
Total Xylenes*	<0.150	0.150	05/20/2026	ND	5.84	97.4	6.00	0.767		
Total BTEX	<0.300	0.300	05/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/20/2026	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/20/2026	ND	191	95.5	200	1.77		
DRO >C10-C28*	<10.0	10.0	05/20/2026	ND	186	93.1	200	4.83		
EXT DRO >C28-C36	<10.0	10.0	05/20/2026	ND						

Surrogate: 1-Chlorooctane 112 % 52.4-130

Surrogate: 1-Chlorooctadecane 111 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: WSW-1 (H262840-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2026	ND	2.17	109	2.00	0.324	
Toluene*	<0.050	0.050	05/20/2026	ND	2.08	104	2.00	1.05	
Ethylbenzene*	<0.050	0.050	05/20/2026	ND	2.00	100	2.00	0.712	
Total Xylenes*	<0.150	0.150	05/20/2026	ND	5.84	97.4	6.00	0.767	
Total BTEX	<0.300	0.300	05/20/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/20/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2026	ND	191	95.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/20/2026	ND	186	93.1	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	05/20/2026	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 104 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/19/2026	Sampling Date:	05/19/2026
Reported:	05/20/2026	Sampling Type:	Soil
Project Name:	GUNNER FEDERAL 5D CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-04093	Sample Received By:	Shalyn Rodriguez
Project Location:	COP-LEA COUNTY,NM		

Sample ID: WSW-2 (H262840-10)

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	05/20/2026	ND	2.17	109	2.00	0.324	
Toluene*	<0.050	0.050	05/20/2026	ND	2.08	104	2.00	1.05	
Ethylbenzene*	<0.050	0.050	05/20/2026	ND	2.00	100	2.00	0.712	
Total Xylenes*	<0.150	0.150	05/20/2026	ND	5.84	97.4	6.00	0.767	
Total BTEX	<0.300	0.300	05/20/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/20/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2026	ND	191	95.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/20/2026	ND	186	93.1	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	05/20/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 1

Company Name: Tetra Tech - Conoco Phillips P.O. #: **BILL TO**

Project Manager: Sam Abbott Company: Tetra Tech

Address: _____ Attn: Sam Abbott

City: _____ State: _____ Zip: _____ Address: _____

Phone #: _____ Fax #: _____ City: _____ State: _____ Zip: _____

Project #: 212C-MD-04093 Project Owner: _____

Project Name: Gunner Federal SD CTB State: _____ Zip: _____

Project Location: Lea Co, NM, Phone #: _____ Fax #: _____

Sampler Name: Andrew Garcia

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLING	DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>1</u>	<u>FS-1</u>	<u>C</u>	<u>1</u>			<u>X</u>				<u>X</u>	<u>5/19</u>	<u>1205</u>	<u>TPH</u>	
<u>2</u>	<u>FS-2</u>	<u>C</u>	<u>1</u>			<u>X</u>				<u>X</u>	<u>2026</u>	<u>1809</u>	<u>BTEX</u>	
<u>3</u>	<u>FS-3</u>	<u>C</u>	<u>1</u>			<u>X</u>				<u>X</u>	<u>1213</u>	<u>1213</u>	<u>Chloride</u>	
<u>4</u>	<u>FS-4</u>	<u>C</u>	<u>1</u>			<u>X</u>					<u>1219</u>	<u>1219</u>		
<u>5</u>	<u>NSW-1</u>	<u>C</u>	<u>1</u>			<u>X</u>					<u>1235</u>	<u>1235</u>		
<u>6</u>	<u>ESW-1</u>	<u>C</u>	<u>1</u>			<u>X</u>					<u>1242</u>	<u>1242</u>		
<u>7</u>	<u>SSW-1</u>	<u>C</u>	<u>1</u>			<u>X</u>					<u>1305</u>	<u>1305</u>		
<u>8</u>	<u>MSW-1</u>	<u>C</u>	<u>1</u>			<u>X</u>					<u>1315</u>	<u>1315</u>		
<u>9</u>	<u>MSW-2</u>	<u>C</u>	<u>1</u>			<u>X</u>					<u>1322</u>	<u>1322</u>		

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Relinquished By: _____ Date: 5/19/26 Received By: Shedrick

Relinquished By: _____ Date: 5/19/26 Received By: Sam Abbott

Delivered By: (Circle One) Observed Temp. °C: 13.3 Sample Condition: Intact CHECKED BY: _____

Sampler - UPS - Bus - Other: Corrected Temp. °C: 14 Sample Condition: Intact (Initials) _____

Turnaround Time: _____ Standard 24 HR TAT Bacteria (only) Sample Condition: _____

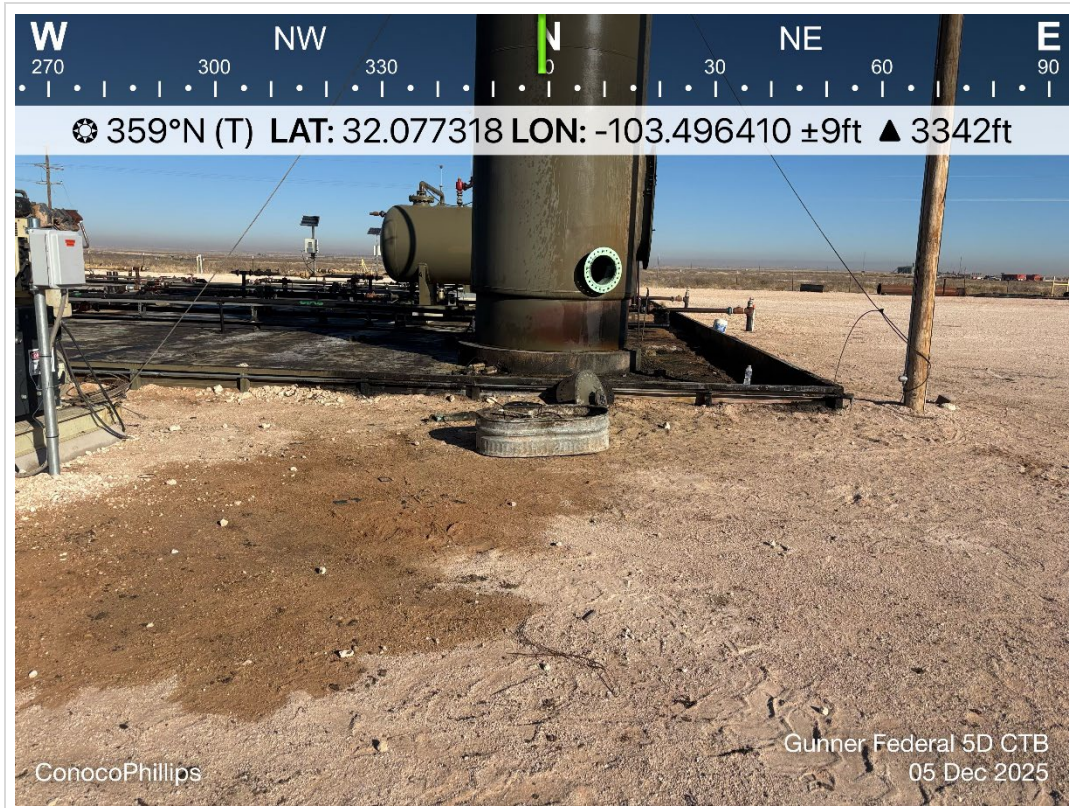
Thermometer ID #140 Correction Factor +0.1°C _____ Cool Intact: Yes No

Remarks: Sam. Abbott@Tetra Tech.com

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

APPENDIX C

Photographic Documentation



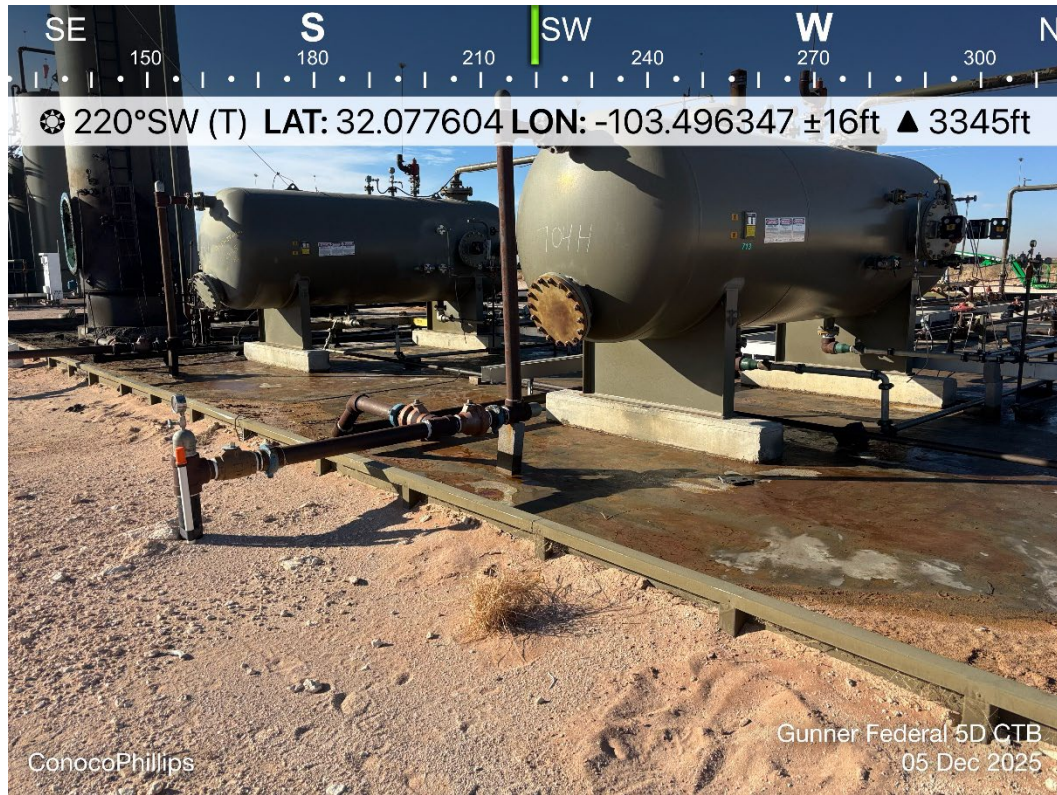
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View north. View of release extent on pad and near the heater treater containment area	1
	SITE NAME	GUNNER FEDERAL 5D CTB	12/05/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View southwest of the release extent within the heater treater area and on pad	2
	SITE NAME	GUNNER FEDERAL 5D CTB	12/05/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View west. View of release extent within the heater treater area.	3
	SITE NAME	GUNNER FEDERAL 5D CTB	12/05/2025



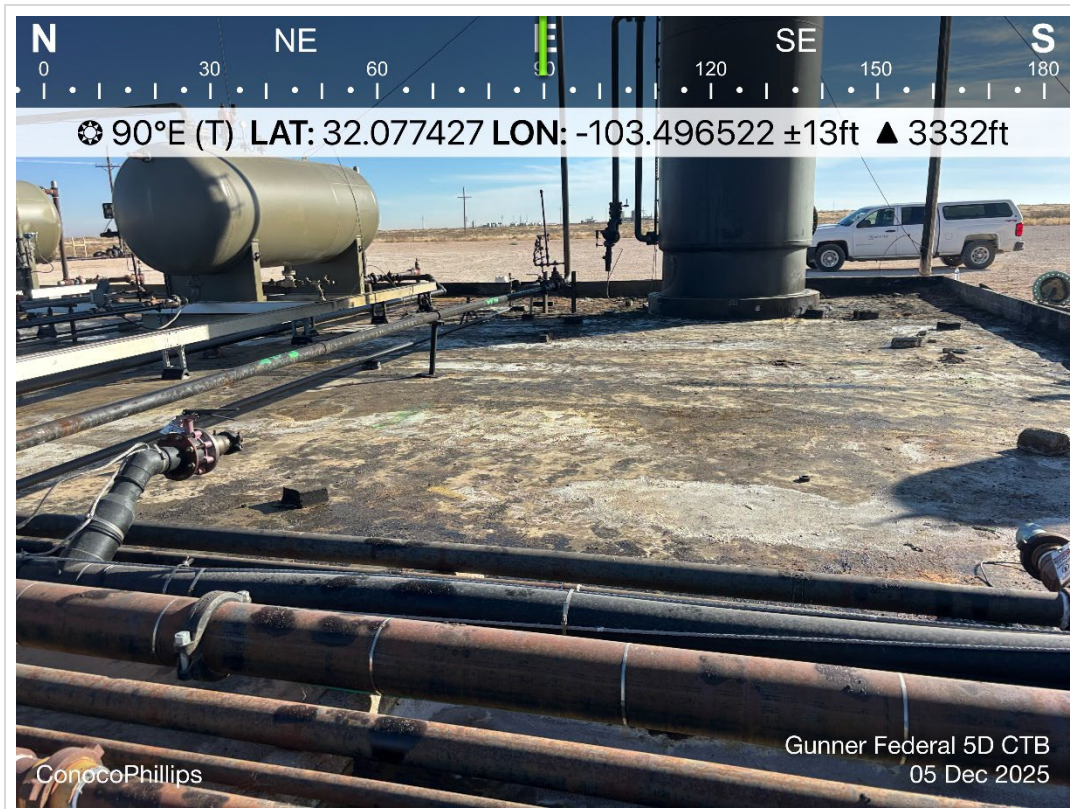
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View southwest of the release extent within the facility containment area	4
	SITE NAME	GUNNER FEDERAL 5D CTB	12/05/2025



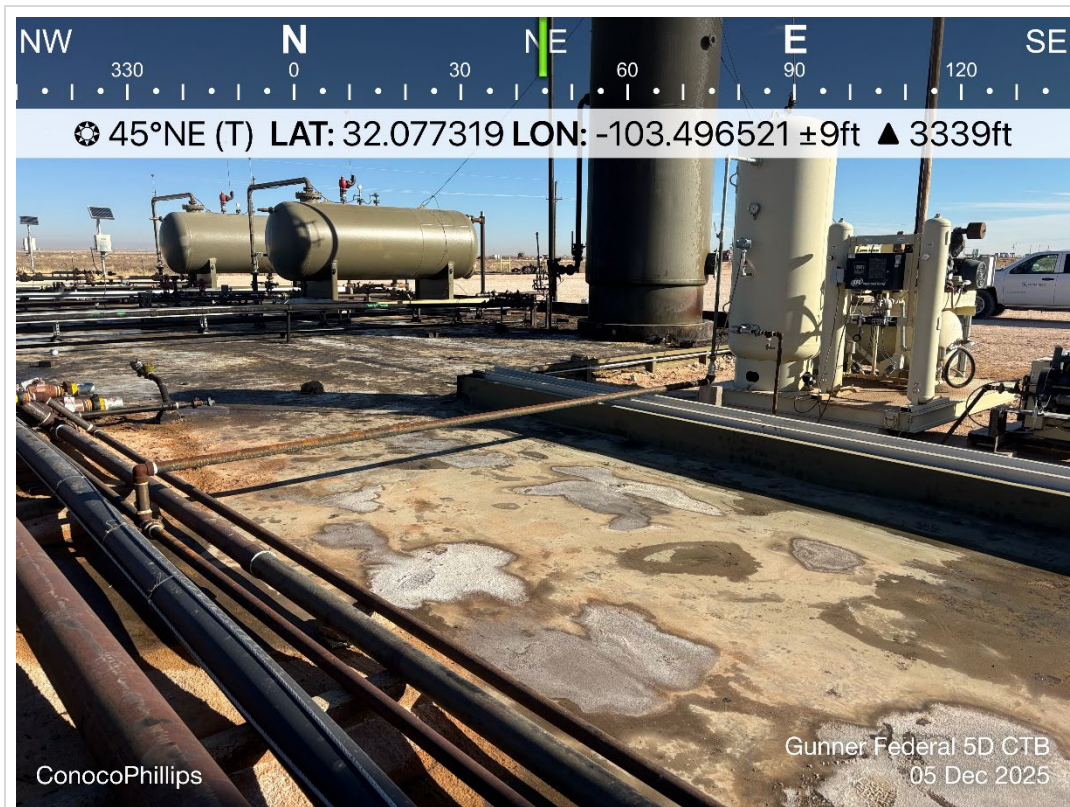
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View southwest. View of release extent within the facility containment	5
	SITE NAME	GUNNER FEDERAL 5D CTB	12/05/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View south. View of the release extent within the containment facility	6
	SITE NAME	GUNNER FEDERAL 5D CTB	12/05/2025



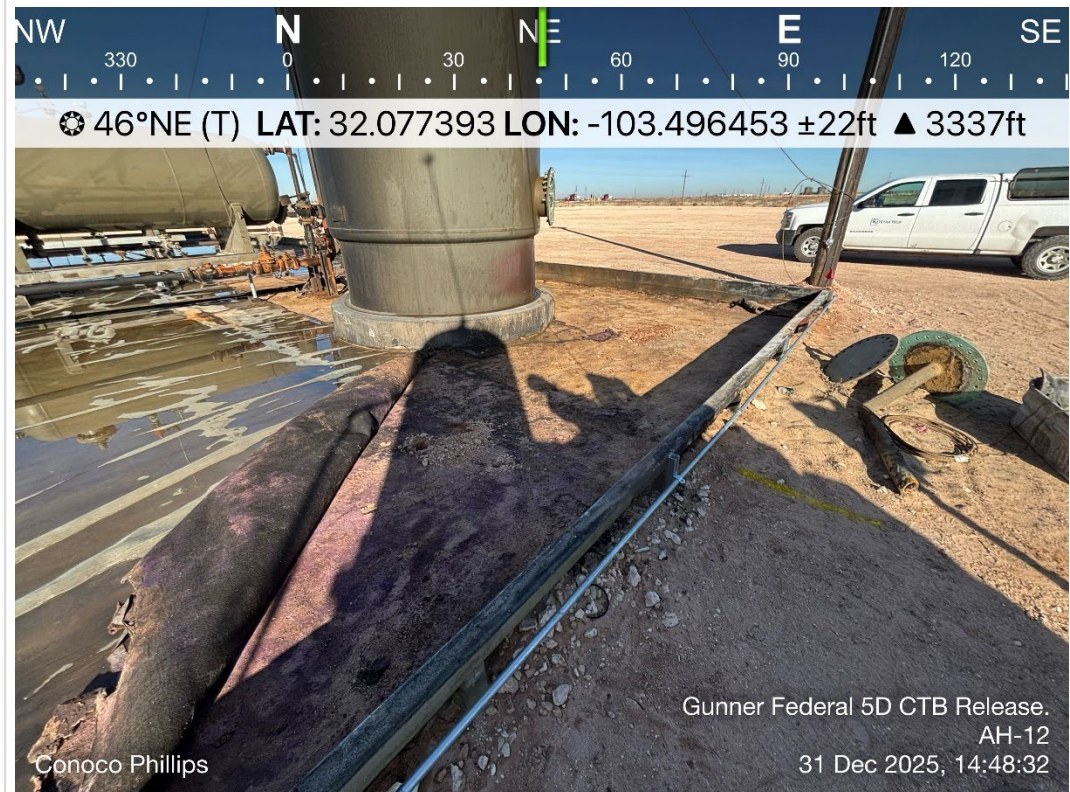
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View east. View of release extent within the liner in the containment area	7
	SITE NAME	GUNNER FEDERAL 5D CTB	12/05/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northeast. View of release extent within the containment facility	8
	SITE NAME	GUNNER FEDERAL 5D CTB	12/05/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View southeast. View of release within the containment facility and steel lines	9
	SITE NAME	GUNNER FEDERAL 5D CTB	12/05/2025



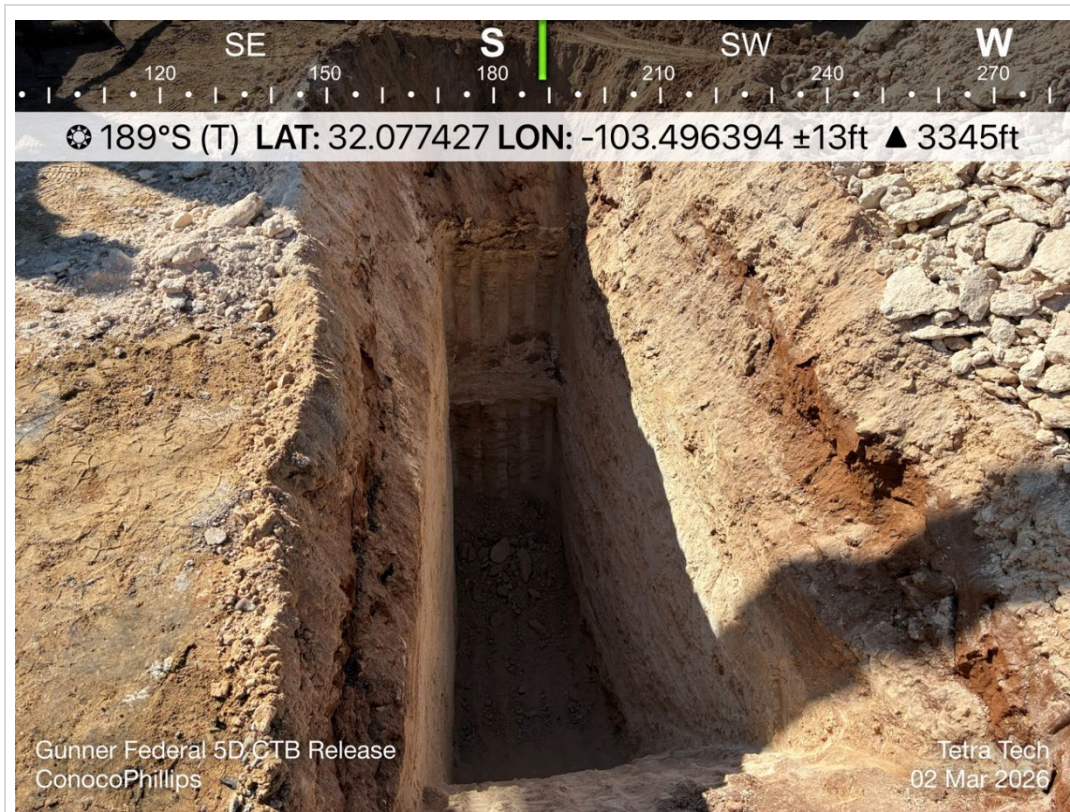
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northeast. View of release extent within containment facility	10
	SITE NAME	GUNNER FEDERAL 5D CTB	12/31/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northwest. View of release within containment facility	11
	SITE NAME	GUNNER FEDERAL 5D CTB	12/31/2025



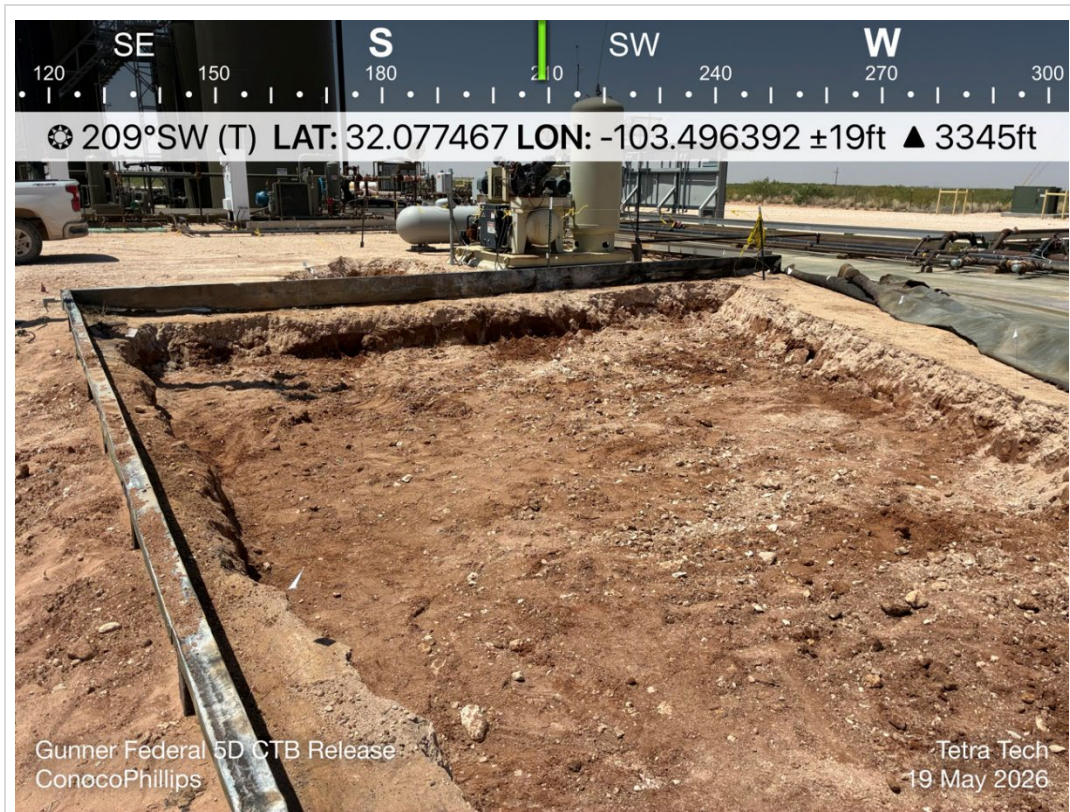
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View north. View of release within containment facility near the heater treater	12
	SITE NAME	GUNNER FEDERAL 5D CTB	12/31/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View south. View of trench location (FS-3)	13
	SITE NAME	GUNNER FEDERAL 5D CTB	03/02/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northeast. View of release area inside of the containment facility after removal of heater treater	14
	SITE NAME	GUNNER FEDERAL 5D CTB	03/02/2026



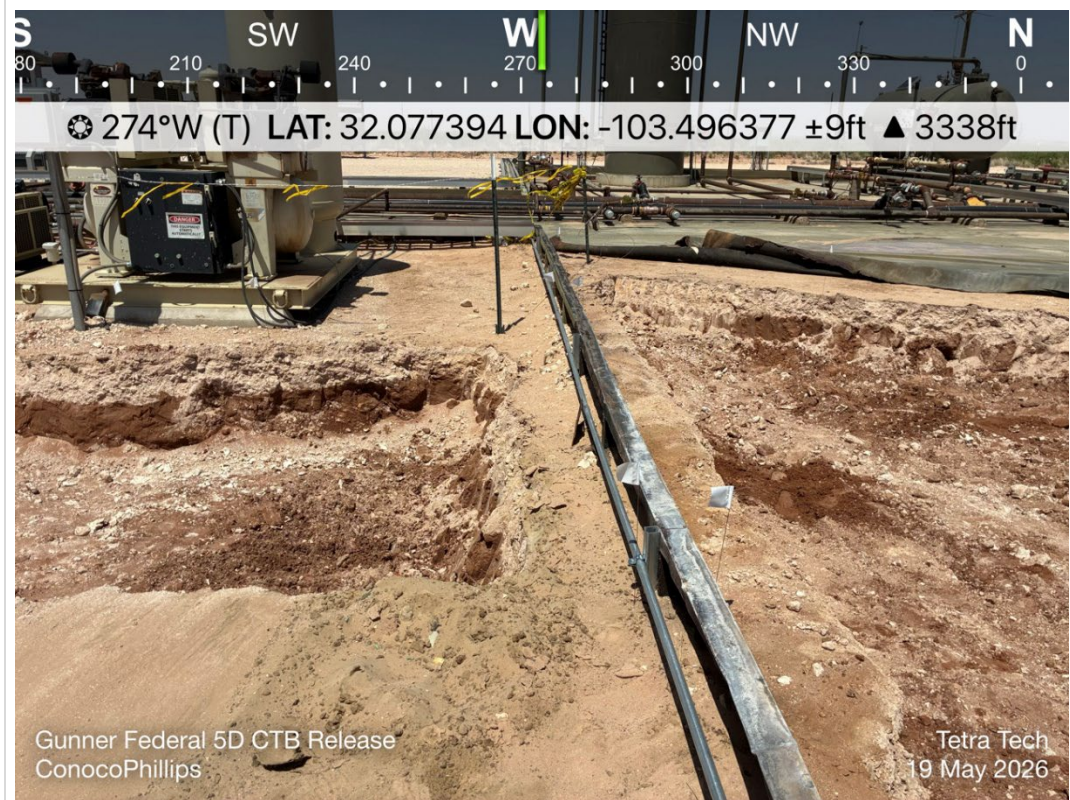
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View southwest. View of excavated area	15
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View southwest. View of excavated area	16
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View north. View of excavated area	17
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



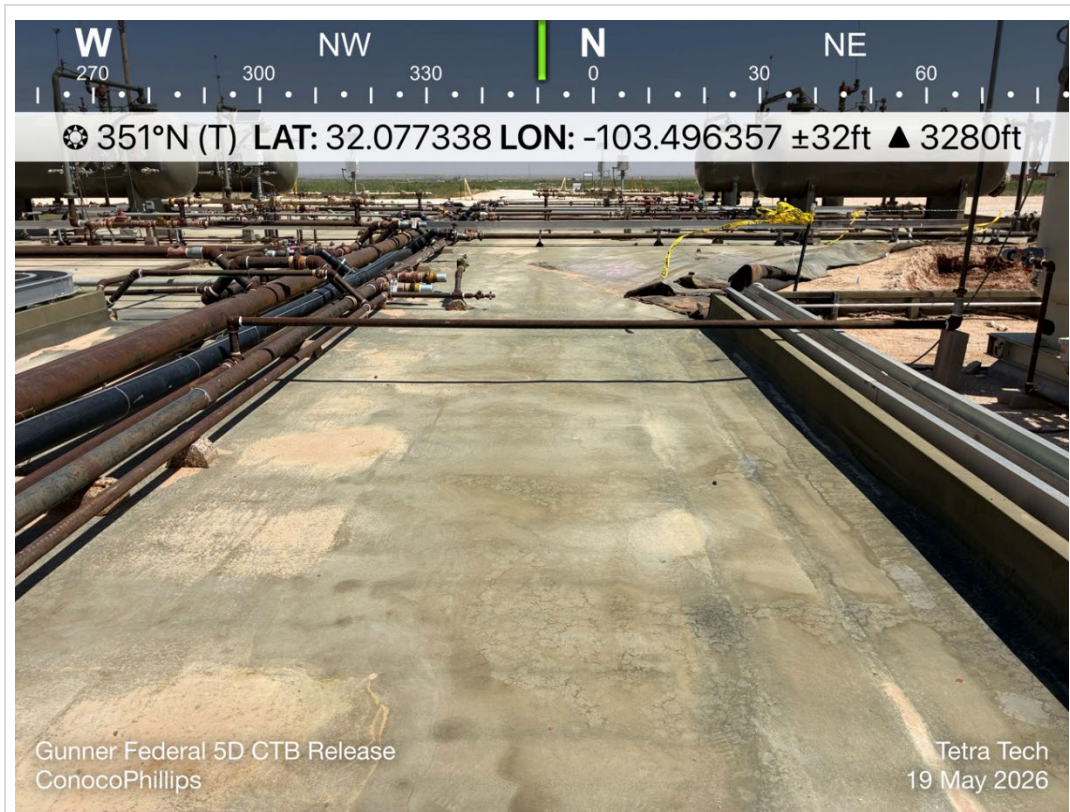
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View west. View of excavated area	18
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



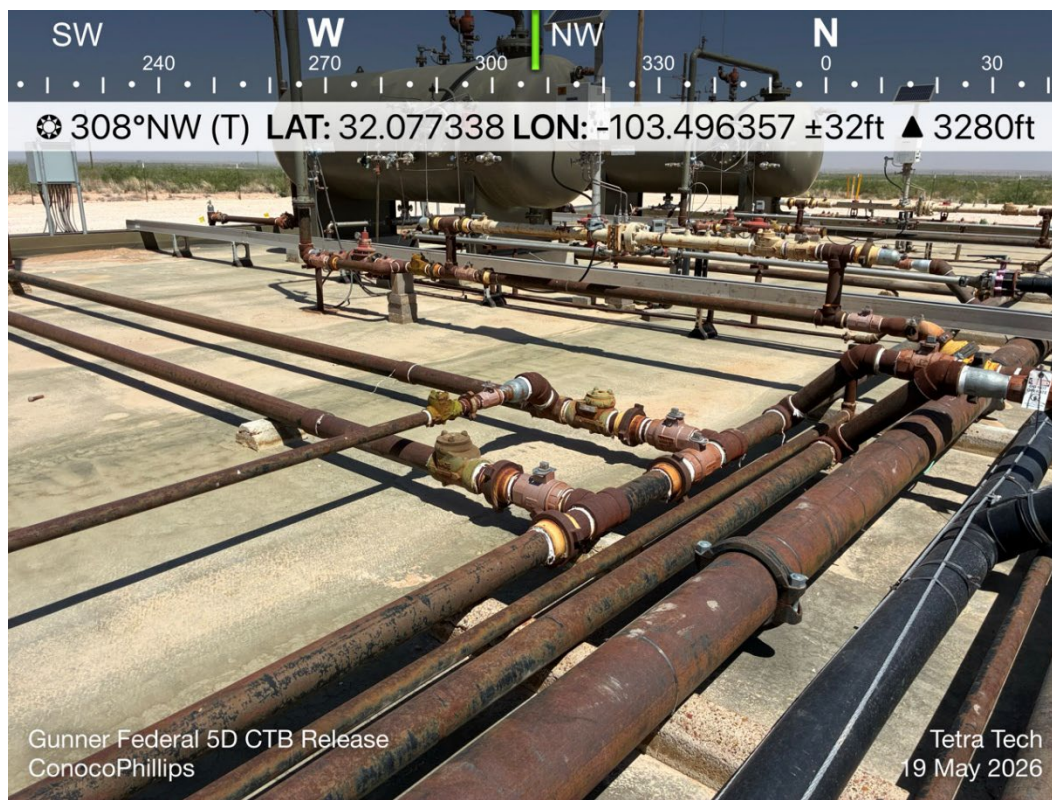
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View north. View of excavated area	29
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View east. View of excavated area	20
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View north. View of liner integrity	21
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



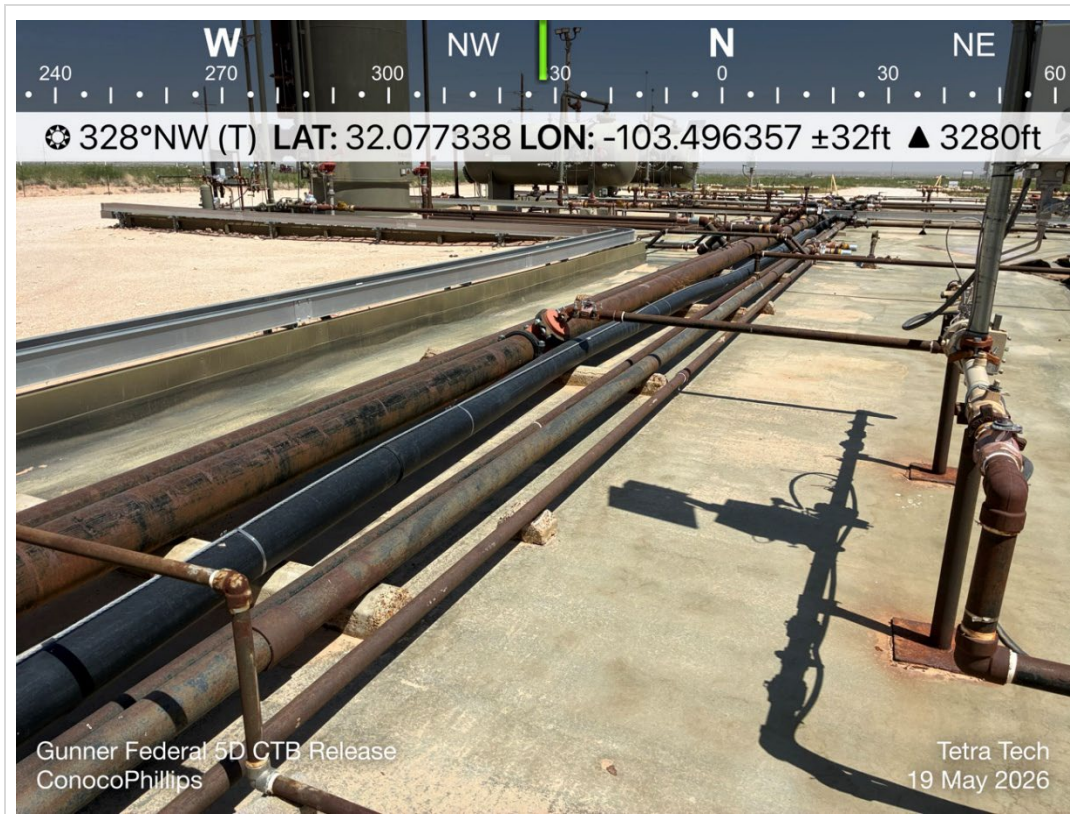
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northwest. View of liner integrity	22
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View south. View of liner integrity	23
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



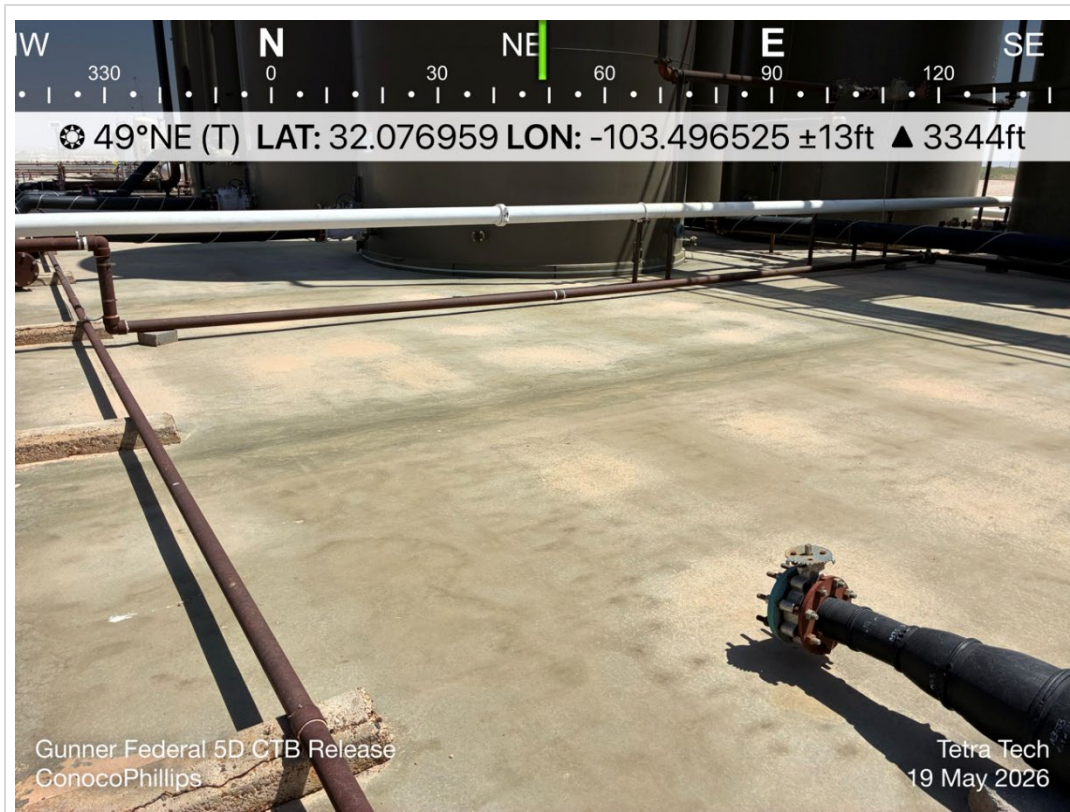
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View south. View of liner integrity , no impacts or loss of integrity	24
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northwest. View of cleaned liner, no impacts or loss of integrity	25
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northeast. View of cleaned liner, no impacts or loss of integrity	26
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northeast. View of cleaned liner, no impacts or loss of integrity	27
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



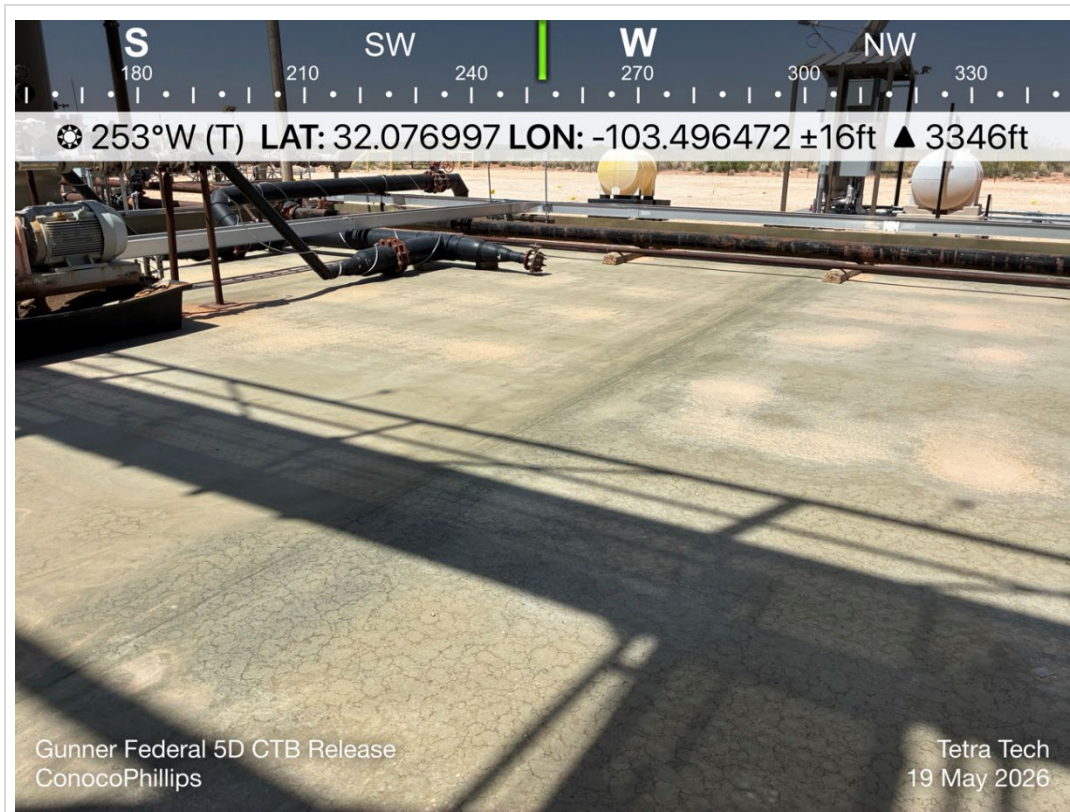
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View southeast. View of cleaned liner, no impacts or loss of integrity	28
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



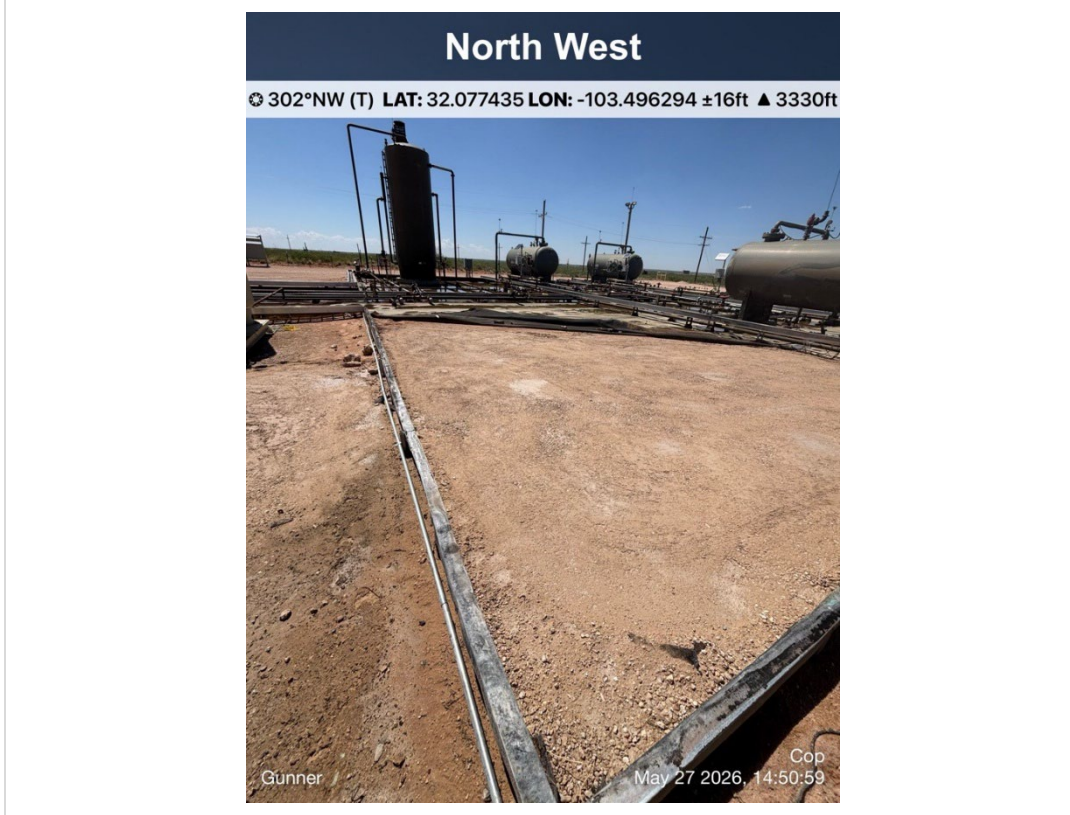
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View south. View of cleaned liner, no impacts or loss of integrity	29
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



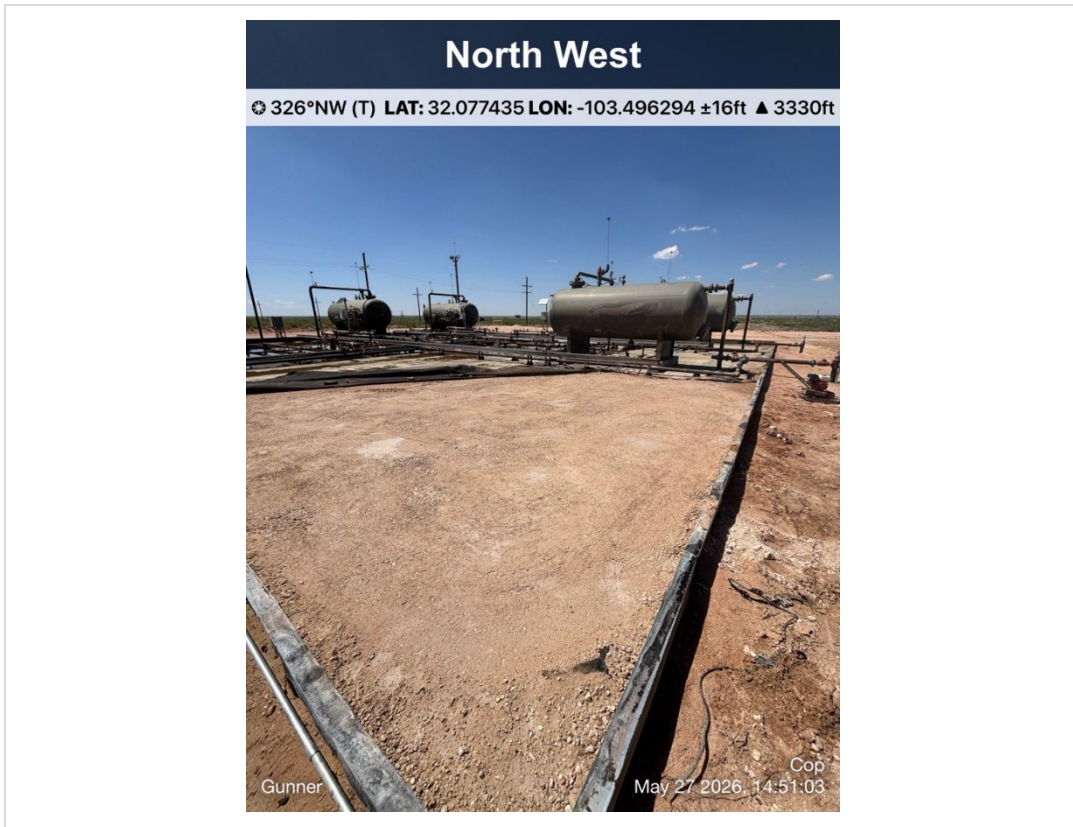
TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View east. View of cleaned liner, no impacts or loss of integrity	30
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View west. View of cleaned liner, no impacts or loss of integrity	31
	SITE NAME	GUNNER FEDERAL 5D CTB	05/19/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northwest. View of backfilled excavation.	32
	SITE NAME	GUNNER FEDERAL 5D CTB	05/27/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View northwest. View of backfilled excavation in area of former heater treater.	33
	SITE NAME	GUNNER FEDERAL 5D CTB	05/27/2026



TETRA TECH, INC. PROJECT NO. 212C-MD-04093	DESCRIPTION	View southwest. View of backfilled excavation outside of facility containment.	34
	SITE NAME	GUNNER FEDERAL 5D CTB	05/27/2026

APPENDIX D

Regulatory Correspondence

OCD Permitting



Home / Operator Data / Action Status / Action Search Results / Action Status Item Details

[NOTIFY] Notification Of Liner Inspection (C-141L) Application

Submission Information

Submission ID:	585564	Districts:	Hobbs
Operator:	[229137] COG OPERATING LLC	Counties:	Lea
Description:	COG OPERATING LLC [229137] , GUNNER FEDERAL 5D CTB , nAPP2532740849		
Status:	Approved		
Status Date:	05/15/2026		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2532740849
Incident Name	NAPP2532740849 GUNNER FEDERAL 5D CTB @ FAPP2204043727
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2204043727] Gunner Federal 5 D - Battery

Location of Release Source

Site Name	GUNNER FEDERAL 5D CTB
Date Release Discovered	11/23/2025
Surface Owner	Private

Liner Inspection Event Information

Please answer all the questions in this group.

What is the liner inspection surface area in square feet	10,255
Have all the impacted materials been removed from the liner	Yes

OCD Permitting

site

32.07741944, -103.49643611

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary: *Ichavira (5/15/2026)*, Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.

Reasons

No reasons found for this submission.

[Go Back](#)

OCD Permitting



Home / Operator Data / Action Status / Action Search Results / Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	558229	Districts:	Hobbs
Operator:	[229137] COG OPERATING LLC	Counties:	Lea
Description:	COG OPERATING LLC [229137] , GUNNER FEDERAL 5D CTB , nAPP2532740849		
Status:	Approved		
Status Date:	02/26/2026		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2532740849
Incident Name	NAPP2532740849 GUNNER FEDERAL 5D CTB @ FAPP2204043727
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2204043727] Gunner Federal 5 D - Battery

Location of Release Source

Site Name	GUNNER FEDERAL 5D CTB
Date Release Discovered	11/23/2025
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	5

OCD Permitting

Please provide any information necessary for navigation to sampling site

[Gunner Federal 5D CTB Release Lea County, New Mexico GPS: 32.07741944, -103.49643611](#)

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:

Ichavira (2/26/2026), 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.

Ichavira (2/26/2026), If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

Reasons

No reasons found for this submission.

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OCD Permitting



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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	585554	Districts:	Hobbs
Operator:	[229137] COG OPERATING LLC	Counties:	Lea
Description:	COG OPERATING LLC [229137] , GUNNER FEDERAL 5D CTB , nAPP2532740849		
Status:	Approved		
Status Date:	05/15/2026		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2532740849
Incident Name	NAPP2532740849 GUNNER FEDERAL 5D CTB @ FAPP2204043727
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2204043727] Gunner Federal 5 D - Battery

Location of Release Source

Site Name	GUNNER FEDERAL 5D CTB
Date Release Discovered	11/23/2025
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	775
What is the estimated number of samples that will be gathered	10

OCD Permitting

Please provide any information necessary for navigation to sampling site

[Gunner Federal 5D CTB Release Lea County, New Mexico GPS: 32.07741944, -103.49643611](#)

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:

Ichavira (5/15/2026), 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.

Ichavira (5/15/2026), If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

Reasons

No reasons found for this submission.

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 589292

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 589292
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2532740849
Incident Name	NAPP2532740849 GUNNER FEDERAL 5D CTB @ FAPP2204043727
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2204043727] Gunner Federal 5 D - Battery

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	GUNNER FEDERAL 5D CTB
Date Release Discovered	11/23/2025
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	Yes
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Separator Crude Oil Released: 5 BBL Recovered: 4 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 18 BBL Recovered: 18 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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)	The release has been stabilized and contained within the facility liner. No injuries resulted from this release. It is unsure at this time what equipment has been damaged. The cause of the fire was a hole in the fire tube of the heater treater. There are no other agencies involved, release was on private surface. Jal fire department was the responding EMS services. The release will be evaluated via a third-party environmental contractor and more detailed information will be available when the assessment is completed.

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QUESTIONS, Page 2

Action 589292

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 589292
	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.

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	The release has been stabilized and contained within the facility liner. No injuries resulted from this release. It is unsure at this time what equipment has been damaged. The cause of the fire was a hole in the fire tube of the heater treater. There are no other agencies involved, release was on private surface. Jal fire department was the responding EMS services. The release will be evaluated via a third-party environmental contractor and more detailed information will be available when the assessment is completed.

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: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 05/28/2026
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QUESTIONS, Page 3

Action 589292

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 589292
	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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1/2 and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 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
<i>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.</i>	
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)	4720
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	14270
GRO+DRO (EPA SW-846 Method 8015M)	12850
BTEX (EPA SW-846 Method 8021B or 8260B)	74.9
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

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	05/19/2026
On what date will (or did) the final sampling or liner inspection occur	05/19/2026
On what date will (or was) the remediation complete(d)	05/19/2026
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	920
What is the estimated volume (in cubic yards) that will be remediated	68

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 589292

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 589292
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112340644 R360 ARTESIA LLC LANDFARM
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.

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

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

I hereby agree and sign off to the above statement	Name: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 05/28/2026
--	---

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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Action 589292

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 589292
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 589292

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 589292
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	585554
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/19/2026
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	775

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	920
What was the total volume (cubic yards) remediated	68
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)	NA

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

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

I hereby agree and sign off to the above statement	Name: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 05/28/2026
--	---

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Action 589292

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 589292
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 589292

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 589292
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure approved.	6/9/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/9/2026
michael.buchanan	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. The 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.	6/9/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/9/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	6/9/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	6/9/2026