TETRA TECH

May 8, 2024 (Resubmitted August 2, 2024)

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

Re: Release Characterization and Remediation Work Plan
ConocoPhillips
Wilder CTB Tank Overflow Release
Unit Letter A, Section 29, Township 26 South, and Range 32 East
Lea County, New Mexico
Incident ID NAPP2403967865

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COP) to assess a release that occurred from a vessel associated with the Wilder Central Tank Battery (CTB). The release footprint is located in Public Land Survey System (PLSS) Unit Letters A, Section 29, Township 26 South, and Range 32 East, Lea County, New Mexico (Site). The release site coordinates are 32.020098°, -103.689408°. The Site location is shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico Form C-141 Initial Report (Appendix A), the release was discovered on February 8, 2024. The release was reported as the result of an oil tank overflow. The release was on-pad within an earthen berm. 86.3 barrels (bbls) of crude oil were reported released, of which 70 bbls were recovered. The spill calculator included with the Form C-141 indicates the release area to be 9,488 square feet. The New Mexico Oil Conservation District (NMOCD) received the initial Form C-141 report form for the release on April 2, 2024. The NMOCD Incident ID for this release is NAPP2403967865.

The February 2024 release overlapped a previous release footprint discovered at the Wilder CTB on June 11, 2023. According to the State of New Mexico Form C-141 Initial Report, the previous release was reported as the result of a weld failure on the “gas buster” due to equipment failure. A “gas buster” is a simple separator vessel used to remove free or entrained gas from fluids. The gas buster typically comprises a vessel containing a series of baffles with a liquid exit on the bottom and a gas-vent line at the top of the vessel. 19.22 barrels (bbls) of produced water were reported released, of which 15 bbls were recovered. The spill calculator included with the Form C-141 indicates the release area to be 4,114 square feet. The New Mexico Oil Conservation District (NMOCD) received the initial Form C-141 report form for the release on June 21, 2023. The NMOCD Incident ID for this release is NAPP2317132356.

A Release Characterization and Remediation Work Plan associated with the previous incident ID NAPP2317132356 was submitted to the NMOCD on October 11, 2023 and approved via email from Nelson Velez on January 31, 2024. The February 2024 release (NAPP2403967865) occurred atop the majority of the June 2023 release prior to the field implementation of the approved remediation work plan to address incident ID NAPP2317132356.

SITE CHARACTERIZATION

A site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, stream bodies, wetlands, incorporated

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municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of medium karst potential.

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

LAND OWNERSHIP

The Site is located on land owned by the Bureau of Land Management (BLM). The release footprint is wholly contained within developed on-pad areas. Following a historical release in the pasture area just west of the battery (NAPP230034271), a cultural survey of the surrounding vicinity was conducted by Goshawk Environmental Consulting. The area was negative for cultural resources. The BLM cleared the NAPP230034271 incident footprint (off-pad areas) for remediation activities following a review of the survey. This Work Plan will be provided to the BLM for review and approval prior to conducting remedial action.

REGULATORY FRAMEWORK

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

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

Constituent	Site RRALs
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
GRO+DRO	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

INITIAL SITE ASSESSMENT AND SAMPLING RESULTS

According to information provided by COP, Ensolum personnel were onsite to delineate and sample the release area and the surrounding vicinity in February 2024. Soil samples were collected from seven (7) locations within and around the release to evaluate the vertical and horizontal extent of the release. Sample locations SS05 through SS07 were sampled at a depth of 0.5 feet bgs within the release footprint. Sample Locations SS01 through SS04 were sampled to depth of 0.5 feet bgs around the perimeter of the release footprint. The sample locations as provided by COP via Ensolum are shown on Figure 3.

According to the analytical table provided by COP via Ensolum, sample locations SS05 through SS07 were above RRALs for TPH and/or BTEX. Additionally, SS02 and SS05 through SS07 were above delineation standards for chloride (600 mg/kg) and TPH (100 mg/kg). Based on the provided analytical data, additional horizontal delineation north of SS02 and vertical delineation within the release footprint are required. Analytical results from the February 2024 sampling event have been transcribed from the provided Ensolum analytical table to Table 1. The analytical laboratory report was not provided to COP.

SITE ASSESSMENT AND SAMPLING RESULTS

Prior to the initiation of the additional assessment activities, COP provided photographs of the release area immediately following the February 2024 incident. These photographs show fluids within the majority of the bermed tank battery. Photographic documentation is included in Appendix C.

Tetra Tech personnel were onsite to complete delineation and sample the release area and the surrounding vicinity in April 2024. Soil samples were collected from five (5) locations within and around the release to

evaluate the vertical extent and complete horizontal delineation of the release. Trenches T-5-2024, T-6-2024, T-8-2024 and T-9-2024 were installed via mini-excavator to depths of 10 feet bgs at T-5-2024 and 6 feet bgs at the remaining locations. Trench T-7-2024 was installed north of the previously sampled location SS02 to depths of 2 feet bgs to complete horizontal delineation. The April 2024 trench locations are shown on Figure 4.

A total of twenty (20) samples were collected from the trench locations and transferred under chain of custody and analyzed within appropriate holding times by Cardinal Laboratories (Cardinal). The soil samples were analyzed for TPH via Method 8015 Modified, chloride via Method SM4500Cl-B, and BTEX via Method 8021B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix D.

Results from the April 2024 soil sampling event are summarized in Table 2. Analytical results associated with T-5-2024 were above RRALs for TPH in the 0-1' depth interval. Results from T-6-2024 were above RRALs for TPH and BTEX to a depth of 3 feet bgs, and results from T-8-2024 were above RRALs for TPH and BTEX to a depth of 4 feet bgs. All other analytical results were below RRALs. Vertical delineation was achieved at the T-5 location. Horizontal delineation was completed to the north by trench location T-7-2024.

REMEDIATION WORK PLAN

As mentioned previously, the NAPP2403967865 and NAPP2317132356 have a coincident release area footprint. Therefore, the following proposed remedial action will address both incidents. Figure 4 from the NMOCD-approved Wilder CTB Vessel Release Characterization and Remediation Work Plan shows the proposed remediation extents for incident ID NAPP2317132356 and is included as Appendix E for reference.

Based on the analytical results from the assessment, impacted material within the release extent is proposed to be removed to depths indicated in Figure 5. Impacted soils will be excavated to a maximum depth of 4 feet below the surrounding surface or until a representative sample from the walls and bottom of the excavation is below the Site RRALs. Heavy equipment (backhoe and trackhoe) will be utilized to excavate areas outside the immediate vicinity of pressurized lines and will come no more than 4 feet from any pressurized lines or energized lines. Impacted soils within the vicinity of the surface and subsurface lines will be removed to the maximum extent practicable using non-aggressive excavation methods. Due to safety concerns associated with personnel working near energized lines, impacted soil within 4 feet of subsurface electrical lines will be left in place.

Excavated soils will be transported offsite and disposed of at an NMOCD-approved or permitted facility. Confirmation bottom and sidewall samples will be collected for verification of remedial activities, and analyzed for TPH, BTEX, and chlorides. In accordance with Subsection D of 19.15.29.12 NMAC, the responsible party will notify the appropriate division district office prior to conducting confirmation sampling. The estimated volume of material to be remediated is approximately 250 cubic yards.

VARIANCE REQUEST

After characterization of this release, ConocoPhillips proposes to leave impacted soils located near production equipment in place as shown in Figure 5. The release impact is fully delineated, groundwater in this area is deeper than 105 feet bgs, and the release footprint is located in areas immediately under or around above-ground piping, electrical lines and storage tanks where excavation would pose unnecessary safety risks to personnel and equipment and/or additional unwanted impact to the environment.

The impacted area is on a developed pad and does not pose an imminent risk to human health, the environment, or groundwater. On-site reclamation and restoration will occur once the battery is abandoned, and operations have ceased at this active well pad.

CONFIRMATION SAMPLING PLAN

The proposed confirmation sample locations are depicted in Figure 6. Nine (9) confirmation floor samples and eight (8) confirmation sidewall samples are proposed for verification of remedial activities. The proposed excavation encompasses a surface area of approximately 4,000 square feet.

These confirmation sidewall and floor samples will be representative of no more than approximately 300 square feet of excavated area. Confirmation samples will be sent to an accredited analytical laboratory for analysis of TPH (Method 8015 modified), BTEX (Method 8260B), and chloride (Method SM4500Cl-B). Once results are received, the excavation will then be backfilled with clean material to pre-release surface grade.

CONCLUSION

Remediation activities at the Site are proposed to begin within 120 days of NMOCD plan approval. Upon completion of the proposed work, a final closure report detailing the remediation activities and the results of the confirmation sampling will be submitted to NMOCD.

If you have any questions concerning the soil assessment or the proposed remediation activities for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2861.

Sincerely,
Tetra Tech, Inc.

Ryan C Dickerson
Project Manager

Christian M. Llull, P.G.
Program Manager

cc:
Mr. Sam Widmer, RMR – ConocoPhillips
Ms. Shelly Taylor – Bureau of Land Management

List of Attachments

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment (Ensolum)
- Figure 4 – Approximate Release Extent and Site Assessment (Tetra Tech)
- Figure 5 – Proposed Remediation and Deferral Extents
- Figure 6 – Alternative Confirmation Sampling Plan

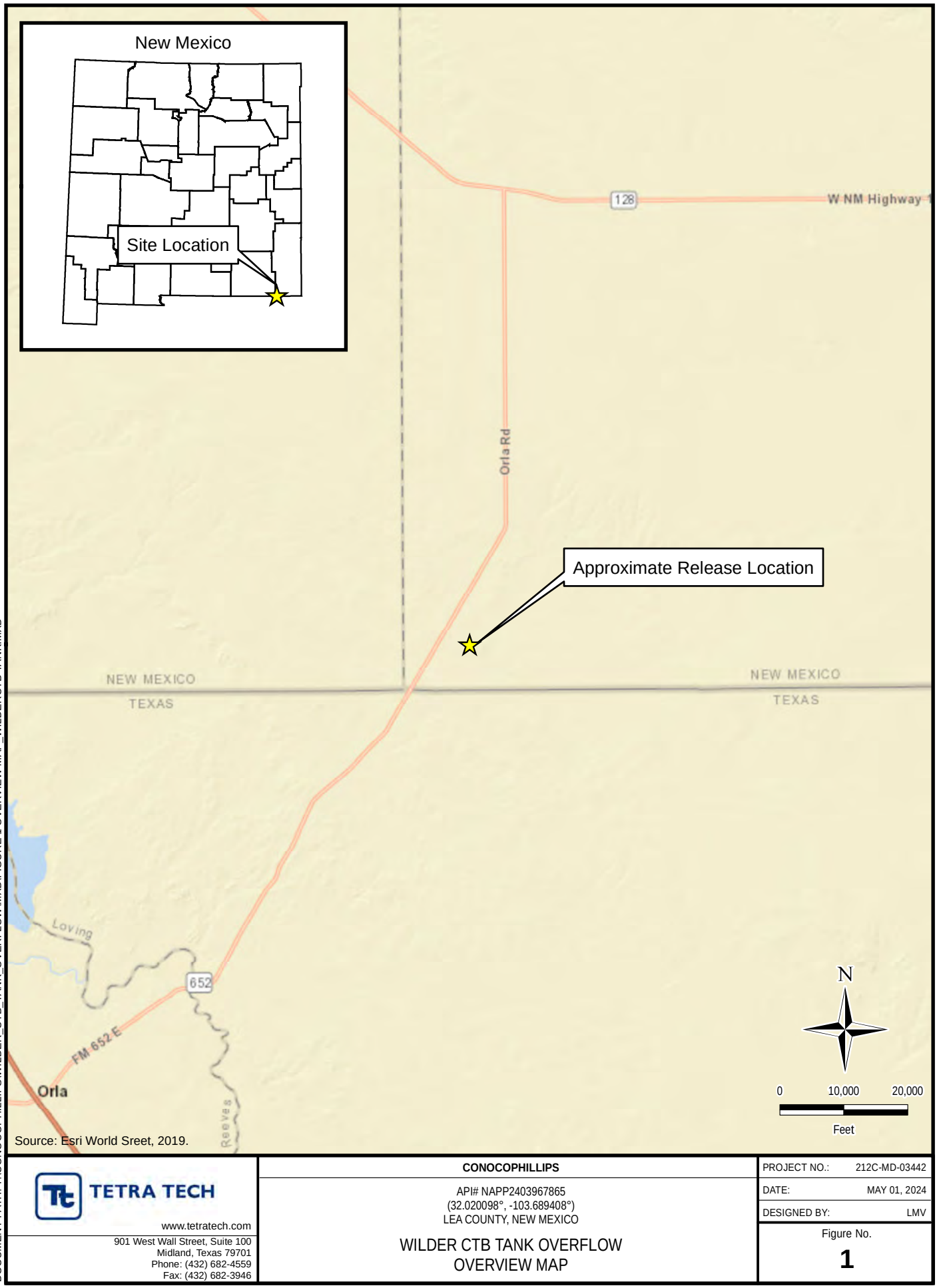
Tables:

- Table 1 – Summary of Analytical Results – Initial Assessment (Ensolum)
- Table 2 – Summary of Analytical Results – Additional Assessment (Tetra Tech)

Appendices:

- Appendix A – C-141 Form
- Appendix B – Site Characterization Data
- Appendix C – Photographic Documentation
- Appendix D – Laboratory Analytical Data
- Appendix E – Proposed Remediation Extent (Incident ID NAPP2317132356)

FIGURES



DOCUMENT PATH: Y:\CONOCOPHILLIPS\WILDER_CTB_TANK_OVERFLOW\MXD\FIGURE 1 OVERVIEW MAP_WILDERCTB TANK.MXD

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CONOCOPHILLIPS

API# NAPP2403967865
(32.020098°, -103.689408°)
LEA COUNTY, NEW MEXICO

WILDER CTB TANK OVERFLOW
OVERVIEW MAP

PROJECT NO.:	212C-MD-03442
DATE:	MAY 01, 2024
DESIGNED BY:	LMV

Figure No.
1

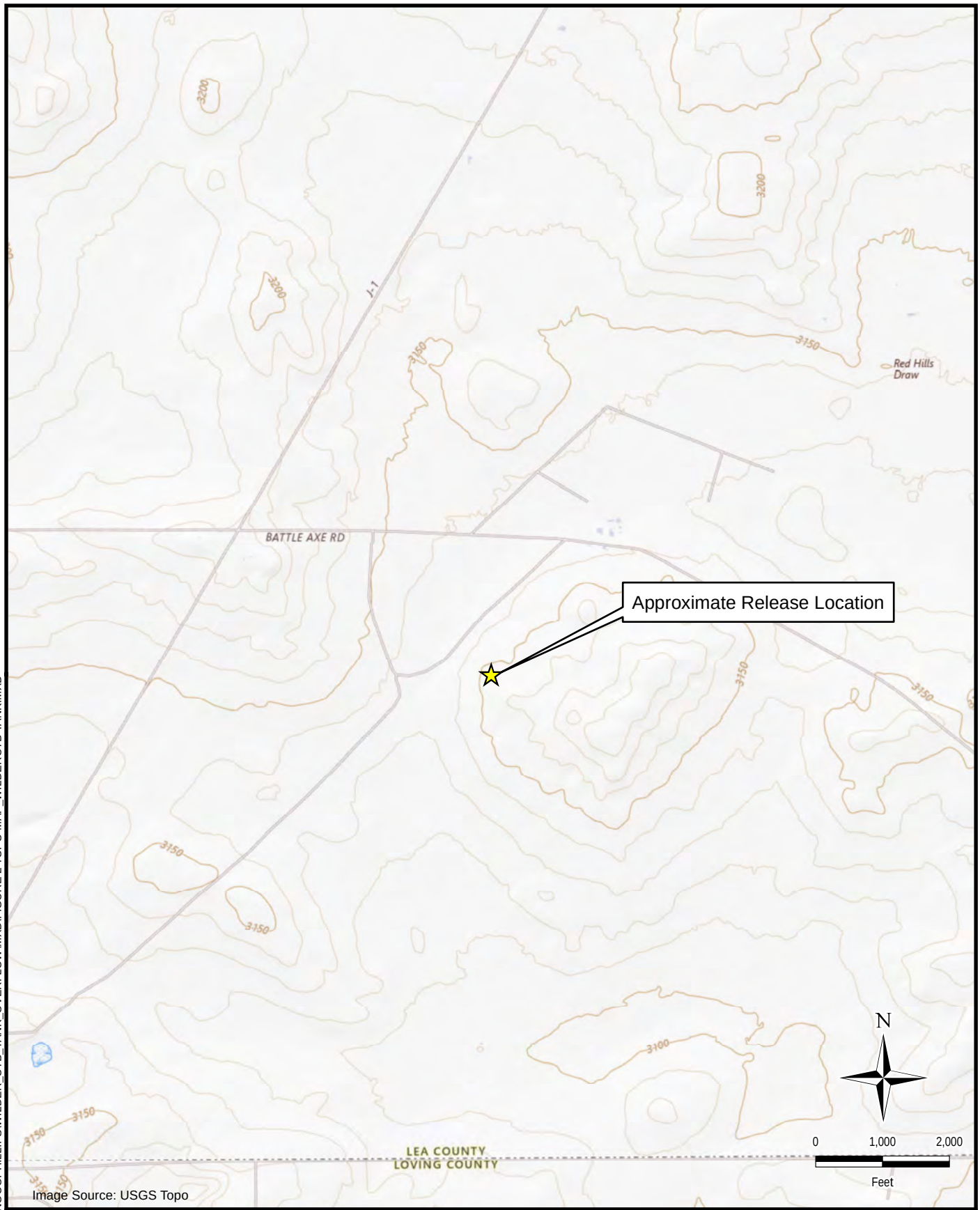

Image Source: USGS Topo

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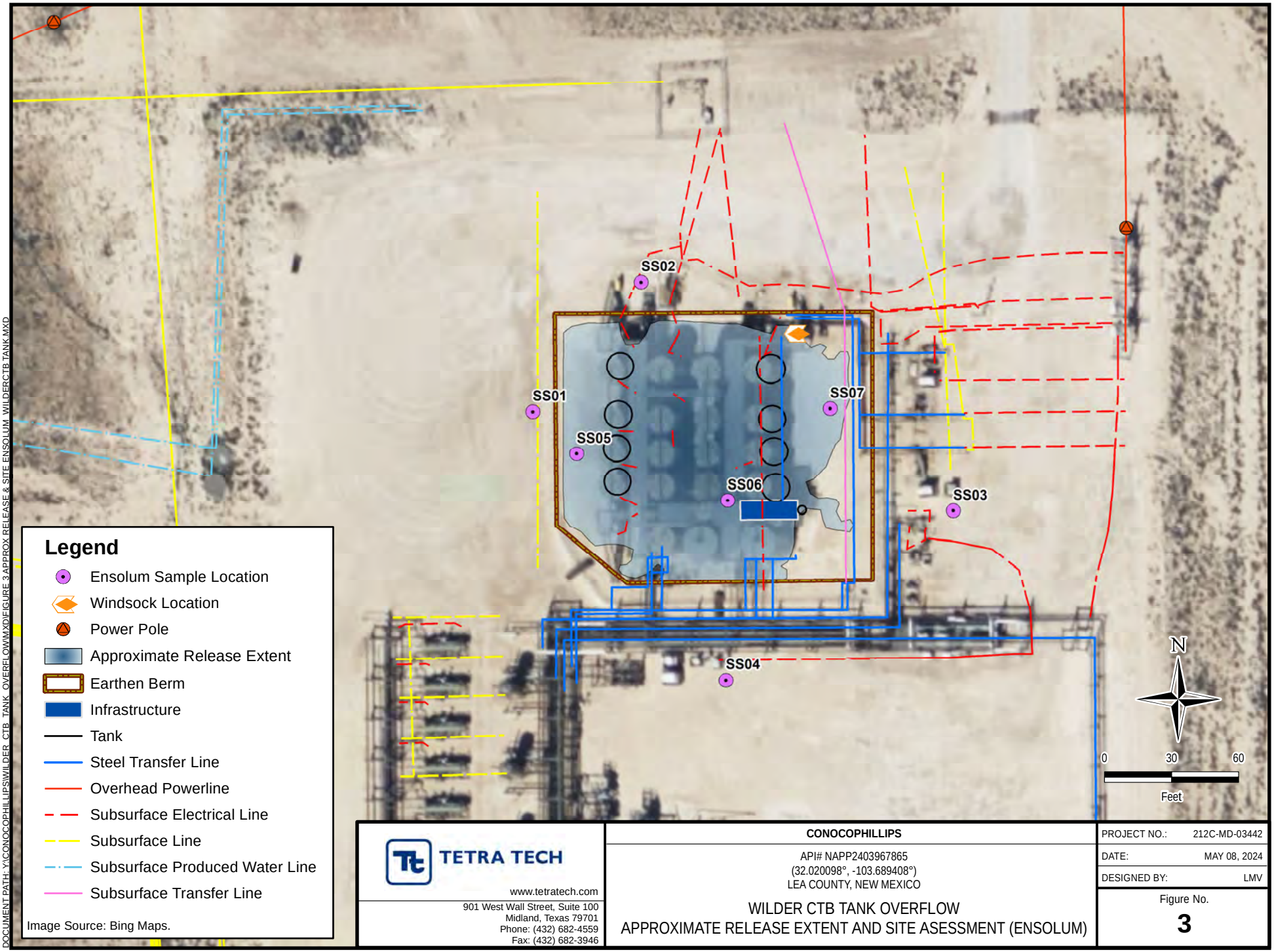
LEA COUNTY, NEW MEXICO

WILDER CTB TANK OVERFLOW
TOPOGRAPHIC MAP

PROJECT NO.:	212C-MD-03442
DATE:	MAY 01, 2024
DESIGNED BY:	LMV

Figure No.
2



DOCUMENT PATH: Y:\CONOCOPHILLIPS\WILDER_CTB_TANK_OVERFLOW\MXD\FIGURE 3 APPROX RELEASE & SITE ENSOLUM_WILDERCTB TANK.MXD

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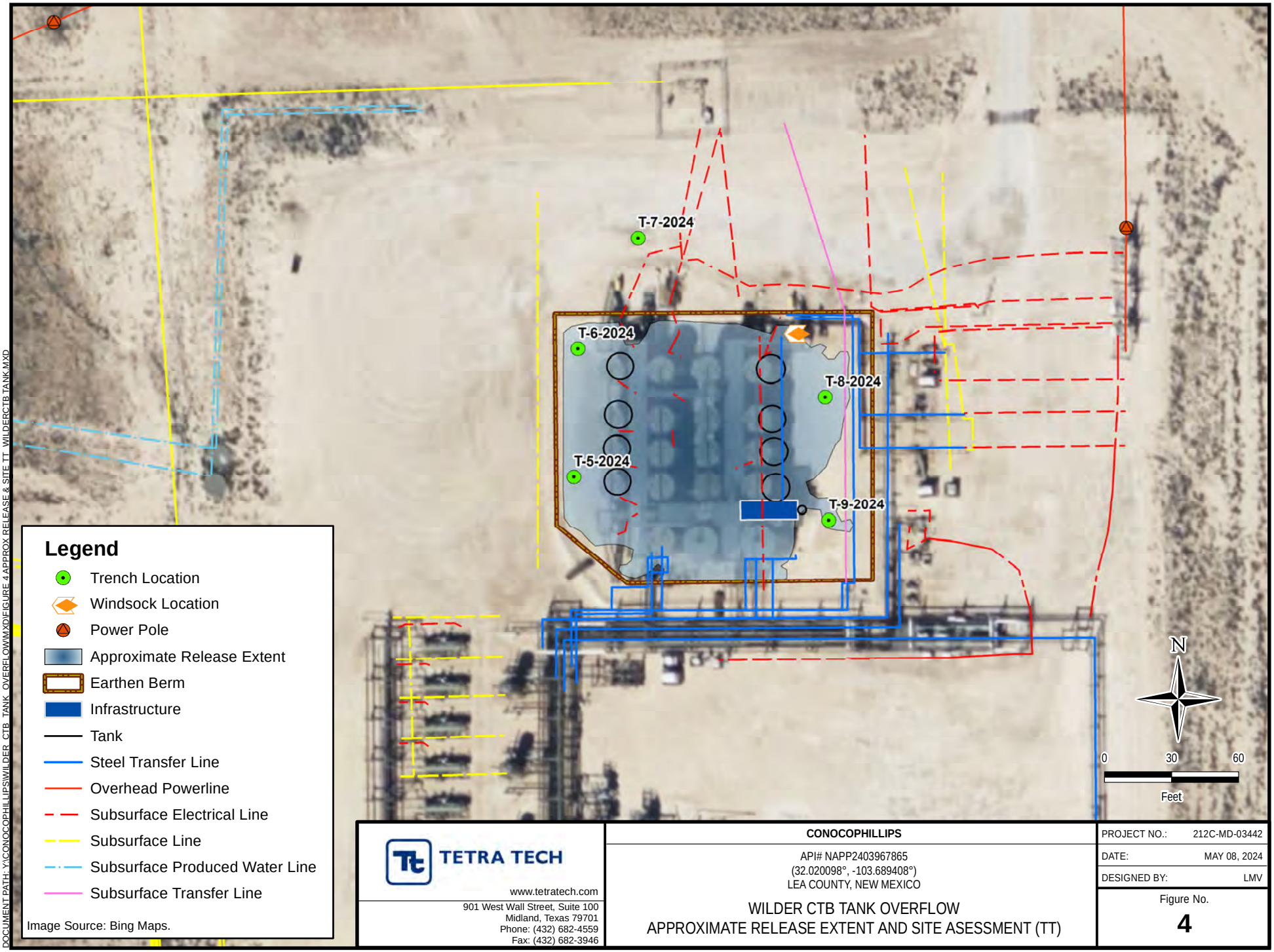
CONOCOPHILLIPS

API# NAPP2403967865
(32.020098°, -103.689408°)
LEA COUNTY, NEW MEXICO

WILDER CTB TANK OVERFLOW
APPROXIMATE RELEASE EXTENT AND SITE ASESSMENT (ENSOLUM)

PROJECT NO.:	212C-MD-03442
DATE:	MAY 08, 2024
DESIGNED BY:	LMV

Figure No.
3



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CONOCOPHILLIPS

API# NAPP2403967865
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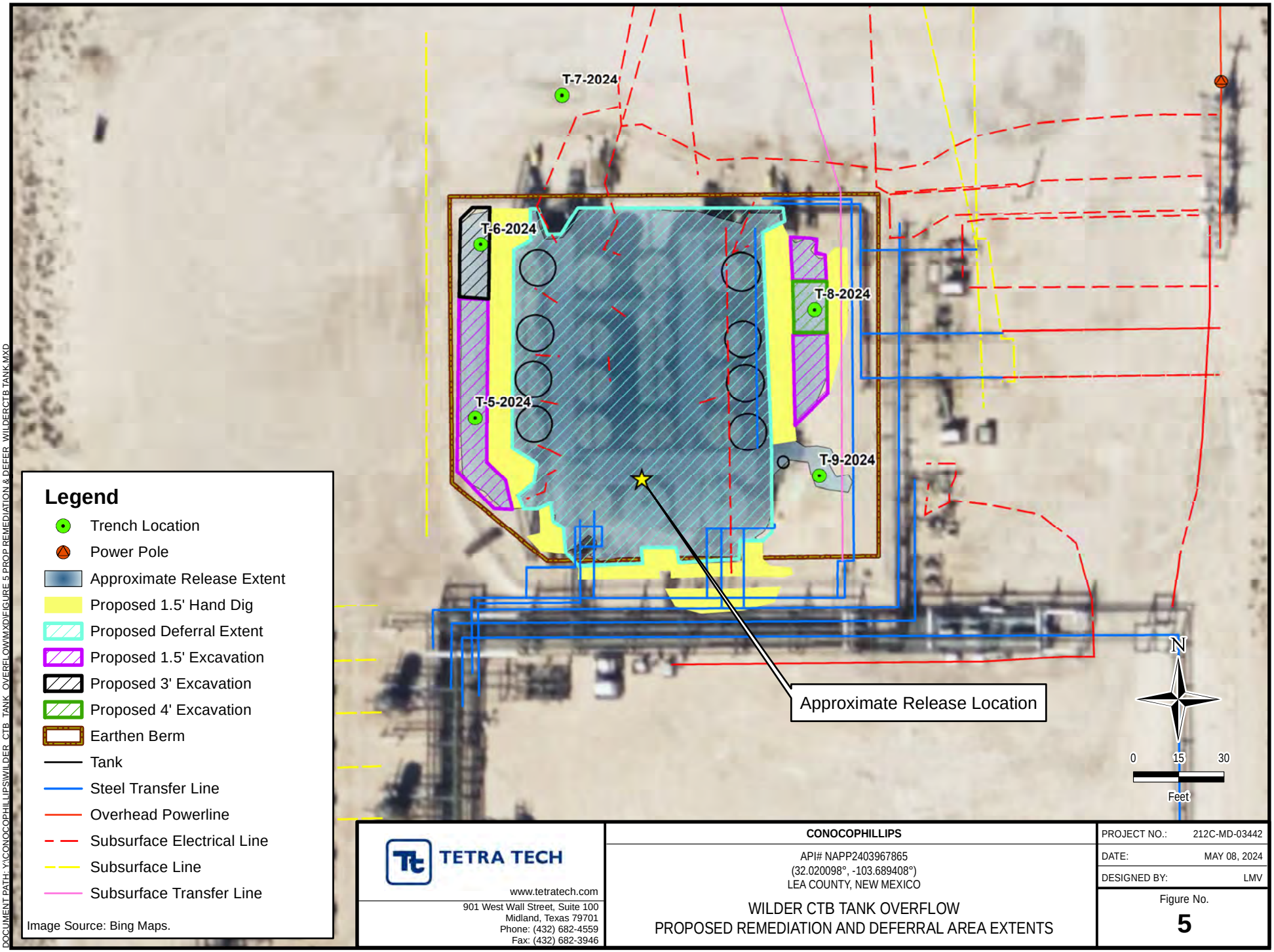
LEA COUNTY, NEW MEXICO

WILDER CTB TANK OVERFLOW
APPROXIMATE RELEASE EXTENT AND SITE ASESSMENT (TT)

PROJECT NO.:	212C-MD-03442
DATE:	MAY 08, 2024
DESIGNED BY:	LMV

Figure No.
4



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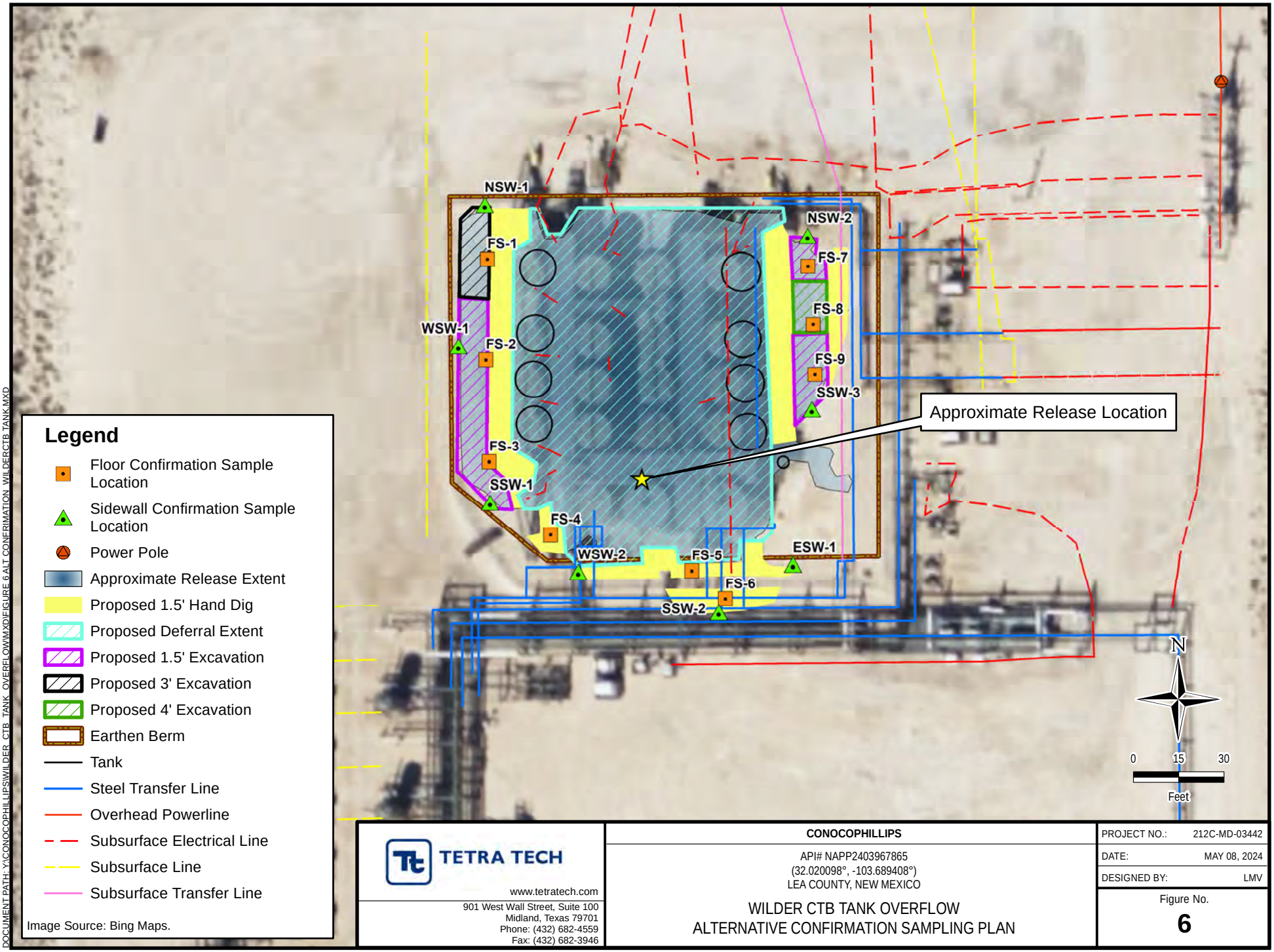
CONOCOPHILLIPS

API# NAPP2403967865
(32.020098°, -103.689408°)
LEA COUNTY, NEW MEXICO

WILDER CTB TANK OVERFLOW
PROPOSED REMEDIATION AND DEFERRAL AREA EXTENTS

PROJECT NO.:	212C-MD-03442
DATE:	MAY 08, 2024
DESIGNED BY:	LMV

Figure No.
5



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LEA COUNTY, NEW MEXICO

WILDER CTB TANK OVERFLOW
ALTERNATIVE CONFIRMATION SAMPLING PLAN

PROJECT NO.:	212C-MD-03442
DATE:	MAY 08, 2024
DESIGNED BY:	LMV

Figure No.
6

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT (ENSOLUM) - NAPP2403967865
CONOCOPHILLIPS
WILDER CTB TANK OVERFLOW
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride		BTEX[2]										TPH[3]									
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		TPH GRO		TPH DRO		TPH ORO		GRO+DRO		Total TPH	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
		Closure Criteria for Soils >4 ft bgs (GW >100 ft):	*20,000 mg/kg*		*10 mg/kg*		--		--		--		*50 mg/kg*		--				--		*1,000 mg/kg*		*2,500 mg/kg*	
SS01	2/19/2024	0.5	123		<0.00202		-		-		-		<0.00403		<50.5		<50.5		<50.5		<50.5		<50.5	
SS02	2/19/2024	0.5	122		<0.00199		-		-		-		<0.00398		<49.7		217		<49.7		217		217	
SS03	2/19/2024	0.5	204		<0.00200		-		-		-		<0.00399		<49.9		<49.9		<49.9		<49.9		<49.9	
SS04	2/19/2024	0.5	247		<0.00198		-		-		-		<0.00396		<50.2		<50.2		<50.2		<50.2		<50.2	
SS05	2/19/2024	0.5	2,310		0.0838		-		-		-		***87.7***		2,520		26,400		<252		***28,920***		***28,900***	
SS06	2/19/2024	0.5	9,210		<0.0404		-		-		-		***41.9***		1,890		22,400		<251		***24,290***		***24,300***	
SS07	2/19/2024	0.5	681		0.580		-		-		-		***177***		5,280		64,000		<253		***69,280***		***69,300***	

NOTES:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT- NAPP2403967865
CONOCOPHILLIPS
WILDER CTB TANK OVERFLOW
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride		BTEX[2]												TPH[3]							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH	
															C_6 - C_{10}		> C_{10} - C_{28}		> C_{28} - C_{36}		(GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
		Closure Criteria for Soils >4 ft bgs (GW >100 ft):	*20,000 mg/kg*		*10 mg/kg*		--		--		--		*50 mg/kg*		*1,000 mg/kg*				--		*2,500 mg/kg*	
T-5-2024	4/29/2024	0-1	272		0.215		2.24	QM-07	1.38		17.7	QM-07	21.5		***1,000***		***5,090***		***723***		***6,813***	
		2-3	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		282		46.8		328.8	
		3-4	416		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		467		86.9		553.9	
		5-6	720		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		35.7		<10.0		35.7	
		7-8	416		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		9-10	368		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
T-6-2024	4/29/2024	0-1	176		0.869		12.7		5.90		68.8		***88.2***		***2,970***		***8,530***		***1,080***		***12,580***	
		2-3	784		<0.050		1.68		0.772		14.7		17.1		477		***2,770***		395		***3,642***	
		3-4	1,020		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		116		20.5		136.5	
		5-6	1,060		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		34.1		<10.0		34.1	
T-7-2024	4/29/2024	0-1	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1-2	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
T-8-2024	4/29/2024	0-1	464		0.667		16.6		6.56		76.9		***101***		***3,260***		***8,420***		***1,310***		***12,990***	
		2-3	1,250		1.8		31.8		9.56		112		***155***		***6,570***		***14,100***		***1,790***		***22,460***	
		3-4	1,170		<0.050		0.247		0.140		1.76		2.15		152		***1,380***		249		1,781	
		5-6	880		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		138		41.9		179.9	
T-9-2024	4/29/2024	0-1	400		<0.050		0.086		0.092		1.46		1.64		61.3		740		99.5		900.8	
		2-3	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		17.2		<10.0		17.2	
		3-4	112		<0.050		<0.050		<0.050		<0.150		<0.300		15.7		557		94.7		667.4	
		5-6	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		13.2		<10.0		13.2	

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

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

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

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

APPENDIX A
C-141 Forms

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NAPP2403967865
District RP	
Facility ID	fAPP2129429037
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.0201 Longitude -103.6894
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Wilder Federal CTB	Site Type	Tank Battery
Date Release Discovered	February 8, 2024	API# *(if applicable)*	

Unit Letter	Section	Township	Range	County
A	29	26S	32E	Lea

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

Nature and Volume of Release

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

■ Crude Oil	Volume Released (bbls) 86.3	Volume Recovered (bbls) 70
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Release was caused by an oil tank overflowing.
The release was on pad within a earthen berm. A vacuum truck was dispatched to recover freestanding fluids. Will evaluate the site to determine if we may commence remediation immediately or delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2403967865
District RP	
Facility ID	fAPP2129429037
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Release was greater than 25 barrels.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Immediate Notification was given by Jacob Laird, to the NMOCD via the NOR application on 2/8/2024.

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.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Brittany N. Esparza Title: Environmental Technician

Signature: Brittany Esparza Date: 2/20/2024

email: Brittany.Esparza@ConocoPhillips.com Telephone: (432) 221-0398

OCD Only

Received by: _____ Date: _____

Facility Name & Well Number(s):	WILDER CTB	Release Discovery Date & Time:	2/8/24 6:00 AM

Provide any known details about the event:	SLOP TANK RAN OVER	Primary Cause (dropdown):	Instrumentation or Alarm Failure	Secondary Cause (dropdown):	Effectiveness of organizational learning

	Recovered Volume (bbl.) (if available, not included in volume calculations)	Method of Determination (dropdown)	Release Type (dropdown):	> 1/2" of Rain in Last 24 Hours (dropdown):	% Rainwater Recovered (not included in volume calculations, informational):
			Oil	No	

BU:	Permian	Asset Area:	DBE - Asset Avg.

Known Volume (dropdown):	No

Known Area (dropdown):	Yes	Mapped Area (sq. ft.)	Average Depth (in.)	On/Off Pad	Soil Spilled-Fluid Saturation	Total Estimated Volume of Spill (bbl.)
		9488	1.1	On-Pad	10.50%	16.2553

Facility Name & Well Number(s):	WILDER CTB					Release Discovery Date & Time:	2/8/24 6:00 AM		
Provide any known details about the event:	SLOP TANK RAN OVER					Primary Cause (dropdown):	Instrumentation or Alarm Failure	Secondary Cause (dropdown):	
	Was the Release to Soil / Caliche (dropdown):		Release On/Off Pad (dropdown):	Recovered Volume (bbl.) (if available, not included in volume calculations)		Release Type (dropdown):		Method of Determination (dropdown):	
BU:	Permian	Asset Area:	DBE - Asset Avg.	Yes		70	Oil		Other
Known Volume (dropdown):	Yes			Known Volume of Spill (bbl.)					
				70					

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2403967865
District RP	
Facility ID	fAPP2129429037
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	180 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☑ No

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2403967865
District RP	
Facility ID	fAPP2129429037
Application ID	

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

Printed Name: Sam Widmer Title: Principal Program Manager

Signature: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: May-08-2024

email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2403967865
District RP	
Facility ID	fAPP2129429037
Application ID	

Remediation Plan

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

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

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

☑ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☑ Extents of contamination must be fully delineated.

☑ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Sam Widmer Title: Principal Program Manager

Signature: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: May-08-2024

email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

APPENDIX B
Site Characterization Data

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03537 POD1	CUB	LE	3	2	3	21	26S	32E	624250	3543985	746	850		
C 02271 POD2	CUB	LE	3	2	3	21	26S	32E	624348	3544010*	830	270	250	20
C 02323	C	LE	3	2	3	21	26S	32E	624348	3544010*	830	405	405	0
C 03595 POD1	CUB	LE	4	2	3	21	26S	32E	624423	3544045	908	280	180	100

Average Depth to Water: **278 feet**

Minimum Depth: **180 feet**

Maximum Depth: **405 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 623770.14 **Northing (Y):** 3543414.1 **Radius:** 950

***UTM location was derived from PLSS - see Help**

OCD Karst Areas

4/26/2024, 11:20:09 AM

Karst Occurrence Potential

Medium

1:18,056

0 0.13 0.25 0.5 mi

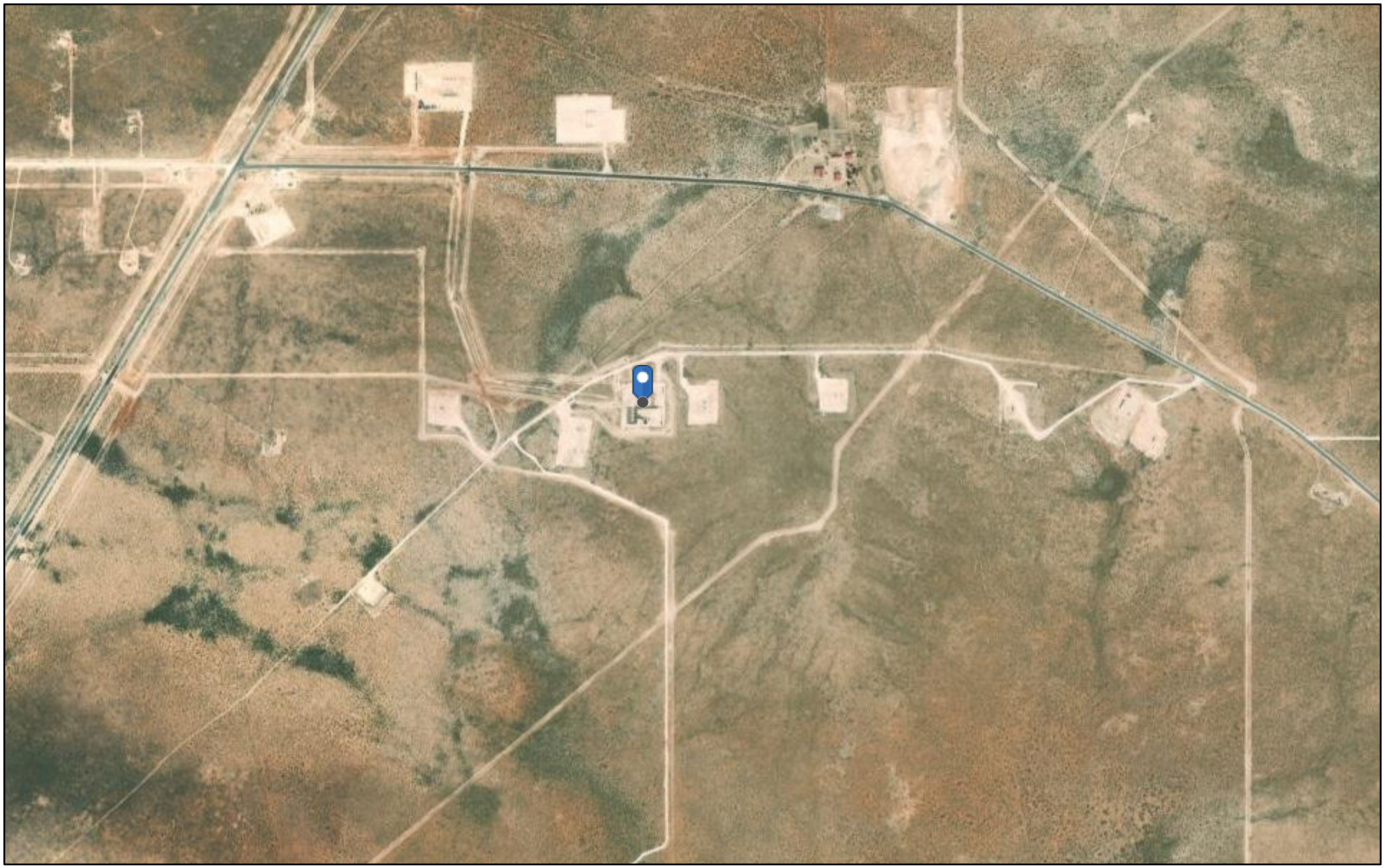
0 0.2 0.4 0.8 km

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

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 Water Bodies



4/26/2024, 10:43:05 AM

1:18,056

0 0.13 0.25 0.5 mi

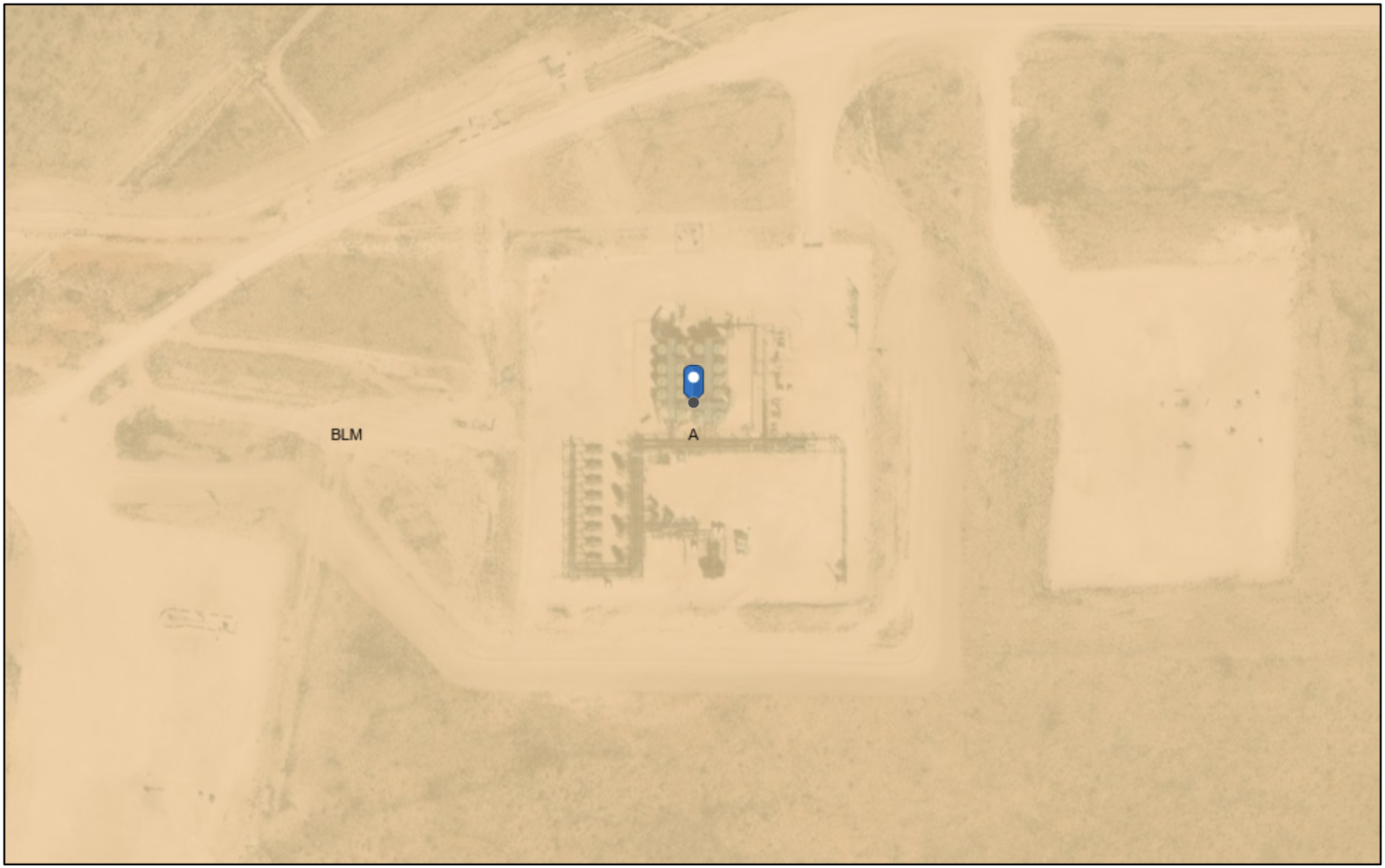
0 0.2 0.4 0.8 km

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

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 Land Ownership



4/26/2024, 10:36:02 AM

1:2,257

0 0.01 0.03 0.06 mi

0 0.03 0.05 0.1 km

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

Mineral Ownership

A-All minerals are owned by U.S.

Land Ownership

BLM

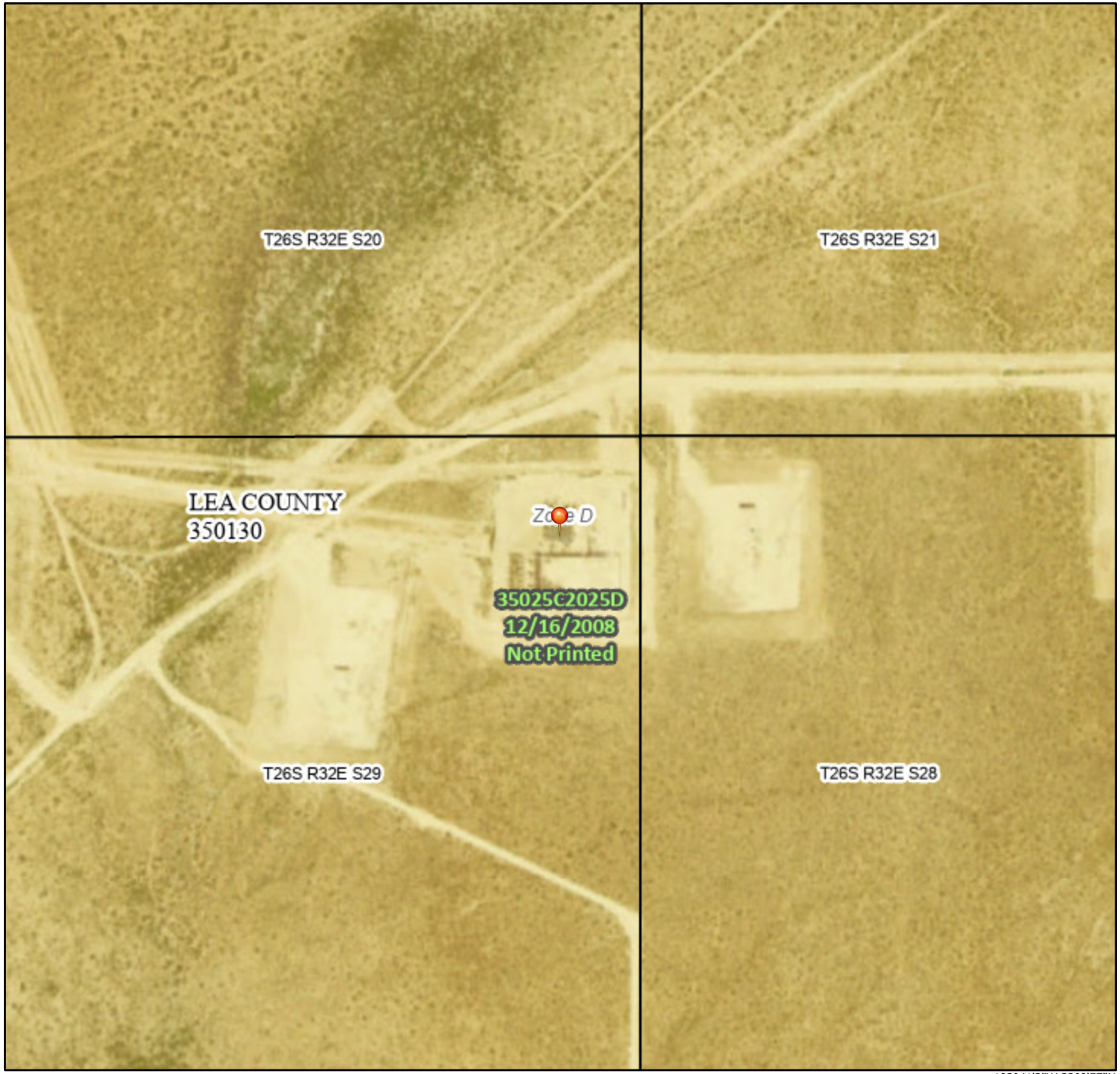
New Mexico Oil Conservation Division

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

National Flood Hazard Layer FIRMette

FEMA

103°41'41"W 32°1'28"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°41'3"W 32°0'57"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 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

N

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

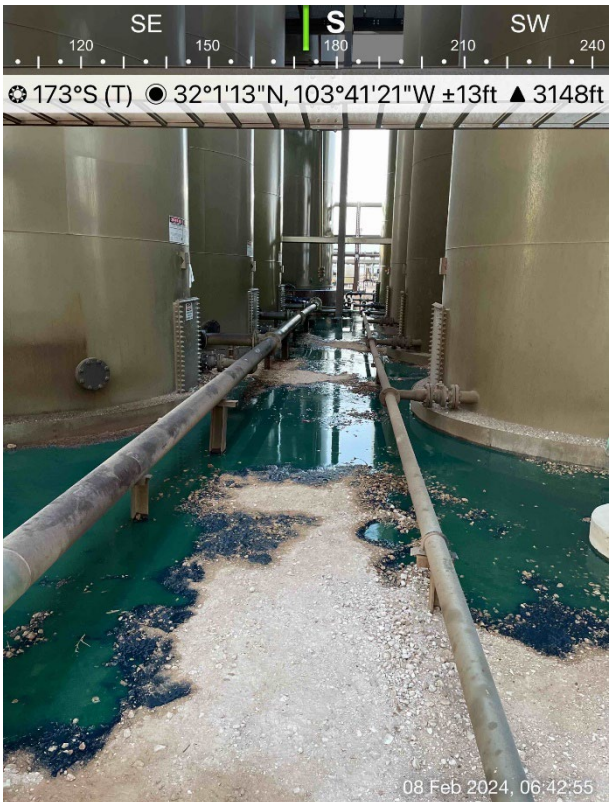
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/26/2024 at 12:21 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.

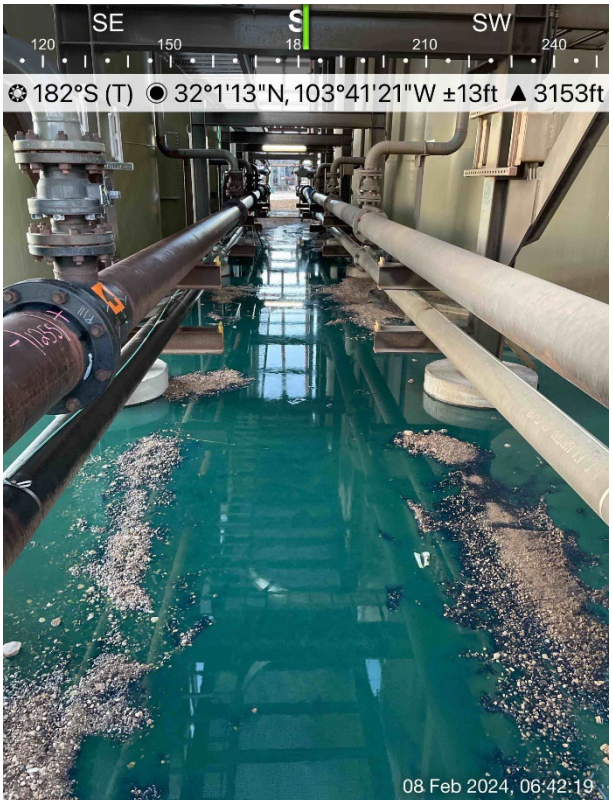
APPENDIX C
Photographic Documentation

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View southwest of site signage. Wilder Federal CTB.	1
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south-southwest of approximate release extent inside bermed tank battery.	2
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/8/20224



TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south of approximate release extent inside bermed tank battery.	3
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/8/20224



TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south of approximate release extent inside bermed tank battery.	4
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/8/20224

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View east-northeast of approximate release extent inside bermed tank battery.	5
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/8/20224

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south-southeast of approximate release extent inside bermed tank battery post initial response.	6
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south-southeast of approximate release extent inside bermed tank battery post initial response.	7
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

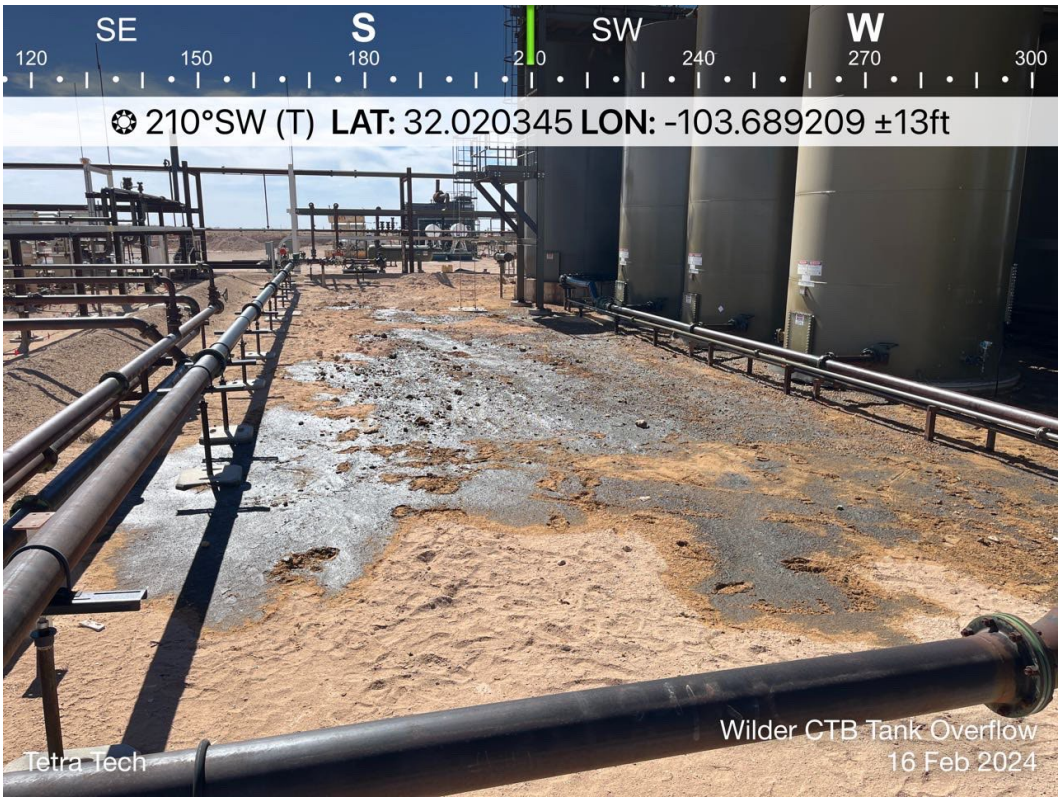
TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View east-southeast of approximate release extent inside bermed tank battery post initial response.	8
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north of approximate release extent inside bermed tank battery post initial response.	9
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north of approximate release extent inside bermed tank battery post initial response.	10
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north-northwest of approximate release extent inside bermed tank battery post initial response.	11
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View west-northwest of approximate release extent inside bermed tank battery post initial response.	12
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south-southwest of approximate release extent inside bermed tank battery post initial response.	13
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north of approximate release extent inside bermed tank battery post initial response.	14
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north of approximate release extent inside bermed tank battery post initial response.	15
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north-northwest of approximate release extent inside bermed tank battery post initial response.	16
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

APPENDIX D
Analytical Laboratory Data

CARDINAL Laboratories

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

May 03, 2024

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB TANK OVERFLOW

Enclosed are the results of analyses for samples received by the laboratory on 04/29/24 17:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 5 - 2024 (0-1') (H242280-01)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.215**	0.050	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	**2.24**	0.050	05/01/2024	ND	2.02	101	2.00	6.05	QM-07
Ethylbenzene*	**1.38**	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	**17.7**	0.150	05/01/2024	ND	6.02	100	6.00	5.33	QM-07
Total BTEX	**21.5**	0.300	05/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *420 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	05/02/2024	ND	432	108	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*	**1000**	10.0	05/01/2024	ND	197	98.5	200	1.82	
DRO >C10-C28*	**5090**	10.0	05/01/2024	ND	199	99.7	200	1.60	
EXT DRO >C28-C36	**723**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *144 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *132 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 5 - 2024 (2'-3') (H242280-02)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	197	98.5	200	1.82	
DRO >C10-C28*	**282**	10.0	05/01/2024	ND	199	99.7	200	1.60	
EXT DRO >C28-C36	**46.8**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *92.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 5 - 2024 (3'-4') (H242280-03)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	197	98.5	200	1.82	
DRO >C10-C28*	**467**	10.0	05/01/2024	ND	199	99.7	200	1.60	
EXT DRO >C28-C36	**86.9**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *76.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.9 %* *49.1-148*

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 5 - 2024 (5'-6') (H242280-04)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**720**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	197	98.5	200	1.82	
DRO >C10-C28*	**35.7**	10.0	05/01/2024	ND	199	99.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *80.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.9 %* *49.1-148*

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 5 - 2024 (7'-8') (H242280-05)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	197	98.5	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/01/2024	ND	199	99.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *84.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.6 %* *49.1-148*

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Analytical Results For:

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Fax To: (432) 682-3946

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 5 - 2024 (9'-10') (H242280-06)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	197	98.5	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/01/2024	ND	199	99.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *87.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.9 %* *49.1-148*

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Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 6 - 2024 (0-1') (H242280-07)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.869**	0.500	05/02/2024	ND	2.15	108	2.00	6.45	
Toluene*	**12.7**	0.500	05/02/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	**5.90**	0.500	05/02/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	**68.8**	1.50	05/02/2024	ND	6.02	100	6.00	5.33	
Total BTEX	**88.2**	3.00	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *149 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	05/02/2024	ND	416	104	400	7.41	

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*	**2970**	10.0	05/01/2024	ND	197	98.5	200	1.82	
DRO >C10-C28*	**8530**	10.0	05/01/2024	ND	199	99.7	200	1.60	
EXT DRO >C28-C36	**1080**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *201 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *155 %* *49.1-148*

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 6 - 2024 (2'-3') (H242280-08)

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	05/02/2024	ND	2.15	108	2.00	6.45	
Toluene*	**1.68**	0.050	05/02/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	**0.772**	0.050	05/02/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	**14.7**	0.150	05/02/2024	ND	6.02	100	6.00	5.33	
Total BTEX	**17.1**	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *239 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**784**	16.0	05/02/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**477**	10.0	05/01/2024	ND	197	98.5	200	1.82	
DRO >C10-C28*	**2770**	10.0	05/01/2024	ND	199	99.7	200	1.60	
EXT DRO >C28-C36	**395**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *119 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 6 - 2024 (3'-4') (H242280-09)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1020**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	197	98.5	200	1.82	
DRO >C10-C28*	**116**	10.0	05/01/2024	ND	199	99.7	200	1.60	
EXT DRO >C28-C36	**20.5**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *84.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.5 %* *49.1-148*

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 6 - 2024 (5'-6') (H242280-10)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1060**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	**34.1**	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *91.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.9 %* *49.1-148*

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Analytical Results For:

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MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 7 - 2024 (0-1') (H242280-11)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	<10.0	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *91.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.1 %* *49.1-148*

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Analytical Results For:

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Fax To: (432) 682-3946

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 7 - 2024 (1'-2') (H242280-12)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	<10.0	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *93.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 8 - 2024 (0-1') (H242280-13)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.667**	0.500	05/02/2024	ND	2.15	108	2.00	6.45	
Toluene*	**16.6**	0.500	05/02/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	**6.56**	0.500	05/02/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	**76.9**	1.50	05/02/2024	ND	6.02	100	6.00	5.33	
Total BTEX	**101**	3.00	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *139 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	05/02/2024	ND	416	104	400	7.41	

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*	**3260**	10.0	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	**8420**	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	**1310**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *228 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *160 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 8 - 2024 (2'-3') (H242280-14)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**1.80**	0.500	05/02/2024	ND	2.15	108	2.00	6.45	
Toluene*	**31.8**	0.500	05/02/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	**9.56**	0.500	05/02/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	**112**	1.50	05/02/2024	ND	6.02	100	6.00	5.33	
Total BTEX	**155**	3.00	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *141 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1250**	16.0	05/02/2024	ND	416	104	400	7.41	

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*	**6570**	100	05/02/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	**14100**	100	05/02/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	**1790**	100	05/02/2024	ND					

Surrogate: 1-Chlorooctane *369 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *261 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 8 - 2024 (3'-4') (H242280-15)

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	05/02/2024	ND	2.15	108	2.00	6.45	
Toluene*	**0.247**	0.050	05/02/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	**0.140**	0.050	05/02/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	**1.76**	0.150	05/02/2024	ND	6.02	100	6.00	5.33	
Total BTEX	**2.15**	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *133 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1170**	16.0	05/02/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**152**	10.0	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	**1380**	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	**249**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *117 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 8 - 2024 (5'-6') (H242280-16)

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	05/01/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**880**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	**138**	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	**41.9**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *124 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 9 - 2024 (0-1') (H242280-17)

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	05/02/2024	ND	2.15	108	2.00	6.45	
Toluene*	**0.086**	0.050	05/02/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	**0.092**	0.050	05/02/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	**1.46**	0.150	05/02/2024	ND	6.02	100	6.00	5.33	
Total BTEX	**1.64**	0.300	05/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *132 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	05/02/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**61.3**	10.0	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	**740**	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	**99.5**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *95.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 9 - 2024 (2'-3') (H242280-18)

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	05/02/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/02/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/02/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	**17.2**	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 9 - 2024 (3'-4') (H242280-19)

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	05/02/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/02/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/02/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	05/02/2024	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**15.7**	10.0	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	**557**	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	**94.7**	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Analytical Results For:

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

Received:	04/29/2024	Sampling Date:	04/29/2024
Reported:	05/03/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: T - 9 - 2024 (5'-6') (H242280-20)

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	05/02/2024	ND	2.15	108	2.00	6.45	
Toluene*	<0.050	0.050	05/02/2024	ND	2.02	101	2.00	6.05	
Ethylbenzene*	<0.050	0.050	05/02/2024	ND	2.02	101	2.00	5.57	
Total Xylenes*	<0.150	0.150	05/02/2024	ND	6.02	100	6.00	5.33	
Total BTEX	<0.300	0.300	05/02/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	05/02/2024	ND	416	104	400	7.41	

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	05/01/2024	ND	190	95.0	200	2.75	
DRO >C10-C28*	**13.2**	10.0	05/01/2024	ND	186	93.1	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	05/01/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

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CARDINAL Laboratories

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

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of 2

		BILL TO	
Company Name:	ConocoPhillips	P.O. #:	
Project Manager:	Ryan Dickerson	Company:	TetraTech
Address:		Attn:	Ryan Dickerson
City:	State: Zip:	Address:	
Phone #:	Fax #:	City:	
Project #:	212C-MD-03442 Project Owner:	State:	Zip:
Project Name:	Wilder CTB Tank Overflow	Phone #:	
Project Location:	Eddy Co, NM	Fax #:	
Sampler Name:	Andrew Garcia		

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: 2024 DATE	TIME	ANALYSIS REQUEST: TPH	BTEX	Chloride
H242280																	
1	T-5-2024 (0-1')	G	1			X					X		29 Apr	800	X	X	X
2	T-5-2024 (2'-3')													815			
3	T-5-2024 (3-4')													830			
4	T-5-2024 (5'-6')													845			
5	T-5-2024 (7'-8')													900			
6	T-5-2024 (9'-10')													915			
7	T-6-2024 (0'-1')													930			
8	T-6-2024 (2'-3')													945			
9	T-6-2024 (3'-4')													1000			
10	T-6-2024 (5'-6')													1015			

Relinquished By:	Date: 29 Apr 24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Andrew Garcia	Time: 17:05		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	Ryan.Dickerson@tetratech.com
	Time:		REMARKS: Nicholas.Poole@tetratech.com

Delivered By: (Circle One)	Observed Temp. °C 29	Sample Condition Cool: ☑ Yes ☐ No	Intact: ☐ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☒ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C				Thermometer ID #140 Correction Factor 0°C

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

FORM-006 R 3.4 07/11/23

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

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 2 of 2

Company Name:	ConocoPhillips
Project Manager:	Ryan Dickerson
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	212C-MD-03442 Project Owner:
Project Name:	Wilder CTB Tank Overflow
Project Location:	Eddy Co, NM
Sampler Name:	Andrew Garcia

BILL TO

P.O. #:	
Company:	Tetra Tech
Attn:	Ryan Dickerson
Address:	
City:	
State: Zip:	
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE (2024)	TIME	TPH	BTEX	Chloride
H243280																	
11	T-7-2024 ~~1~~ (0-1')	G	1			X					X		29 Apr	1030	X	X	X
12	T-7-2024 (1'-2')													1045			
13	T-8-2024 (0'-1')													1100			
14	T-8-2024 (1'-3')													1115			
15	T-8-2024 (3'-4')													1130			
16	T-8-2024 (5'-6')													1145			
17	T-9-2024 (0-1')													1200			
18	T-9-2024 (1-3')													1215			
19	T-9-2024 (3'-4')													1230			
20	T-9-2024 (5'-6')													1245			

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: 29 Apr 24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Andrew Garcia	Time: 17:55		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	Ryan.Dickerson@Fetratech.com
	Time:		REMARKS: Nicholas.Poole@tetratech.com

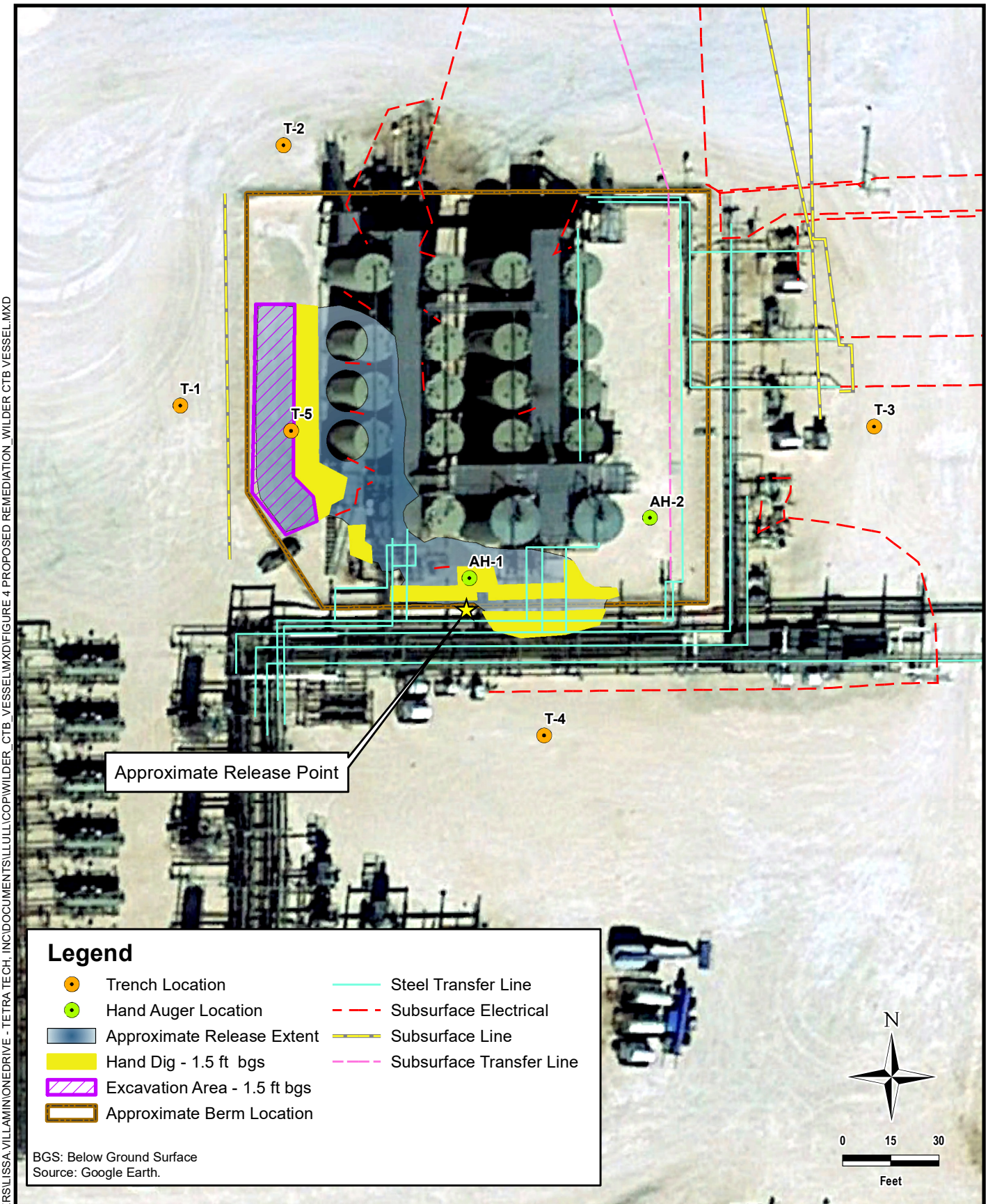
Delivered By: (Circle One)	Observed Temp. °C 2.9	Sample Condition	CHECKED BY:	Turnaround Time: Standard ☒ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	(Initials)	Thermometer ID #140 Correction Factor 0°C

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

FORM-006 R 3.4 07/11/23

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

APPENDIX E
Proposed Remediation Extent (Incident ID NAPP2317132356)



DOCUMENT PATH: C:\USERS\LISSA.VILLAMIN\ONEDRIVE - TETRA TECH, INC\DOCUMENTS\LLULL\COP\WILDER_CTB_VESSEL\MXD\FIGURE 4 PROPOSED REMEDIATION_WILDER CTB VESSEL.MXD

TETRA TECH
www.tetratech.com
901 West Wall Street, Suite 100
Midland, Texas 79701
Phone: (432) 682-4559
Fax: (432) 682-3946

CONOCOPHILLIPS

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

WILDER CTB VESSEL RELEASE
PROPOSED REMEDIATION EXTENT

PROJECT NO.:	212C-MD-03183
DATE:	OCTOBER 11, 2023
DESIGNED BY:	LMV

Figure No.
4

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Oil Conservation Division
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QUESTIONS

Action 369863

QUESTIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 369863
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2403967865**
Incident Name	**NAPP2403967865 WILDER FEDERAL CTB @ 0**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Received**
Incident Facility	**[fAPP2129429037] Wilder CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Wilder Federal CTB
Date Release Discovered	02/08/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. | Other (Specify) | Crude Oil | Released: 86 BBL | Recovered: 70 BBL | Lost: 16 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 369863
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 04/02/2024

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QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 369863
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	9210
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	69280
GRO+DRO (EPA SW-846 Method 8015M)	69280
BTEX (EPA SW-846 Method 8021B or 8260B)	155
Benzene (EPA SW-846 Method 8021B or 8260B)	1.8
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	11/29/2024
On what date will (or did) the final sampling or liner inspection occur	11/30/2024
On what date will (or was) the remediation complete(d)	12/13/2024
What is the estimated surface area (in square feet) that will be reclaimed	4000
What is the estimated volume (in cubic yards) that will be reclaimed	250
What is the estimated surface area (in square feet) that will be remediated	4000
What is the estimated volume (in cubic yards) that will be remediated	250
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 (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 369863
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	OWL LANDFILL JAL [fJEG1635837366]
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: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com Date: 08/02/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 369863
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 369863
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	***{Unavailable.}***

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Operator:	OGRID:
CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	217817
	Action Number: 369863
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The request to collect confirmation samples every 300 ft2 is approved. A deferral of areas immediately under or around production equipment such as production tanks, wellheads, and pipelines where remediation could cause a major facility deconstruction can't be granted until all other areas have been remediated. The deferral request must specify which sample points are being requested for deferral including an explanation of why the contaminants can't be removed. Please submit the closure report by November 6, 2024.	8/8/2024