TETRA TECH

November 6, 2024

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

Re: Interim Remediation Report and Deferral Request
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 (Wilder CTB Vessel Release) 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.

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LAND OWNERSHIP

The Site is located on land managed 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.

SITE CHARACTERIZATION

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

REGULATORY FRAMEWORK

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

Based on the site characterization 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 a 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 on site 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.

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.

WORK PLAN APPROVALS

The Release Characterization and Remediation Work Plan (Work Plan) dated May 8, 2024, was prepared based on the results of the 2024 release assessment activities and submitted to the NMOCD and BLM for approval. The Work Plan was rejected on July 25, 2024, due to it being mistakenly submitted as a deferral request. As recommended by Scott Rodgers of the NMOCD, the Work Plan was resubmitted on August 2, 2024, and subsequently approved on August 8, 2024, with the following comments:

- *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.*

The Bureau of Land Management (BLM) approved the remediation plan on September 18, 2024, via email with the following comments:

- *"The BLM has accepted this plan for record. Please consider this the BLM's approval to move forward and begin work according to this plan. Please let us know if you run into any issues."*

A copy of the NMOCD and BLM approvals are included in Appendix D.

INTERIM REMEDIAL ACTION AND CONFIRMATION SAMPLING

From September 23 to October 4, 2024, Tetra Tech personnel were onsite to supervise the remediation activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling.

The NMOCD district office was notified of the confirmation sampling events via the OCD Portal. Documentation of associated regulatory correspondence is included in Appendix D.

Impacted soils were excavated as indicated in Figure 5. The areas within the release footprint were excavated to a maximum depth of 4 feet bgs. Due to safety concerns associated with working around pressurized lines and production equipment, impacted soils were excavated to the maximum extent practicable. Photographs from the excavated areas prior to backfill are provided in Appendix C. All excavated material was transported offsite for proper disposal. Approximately 293 cubic yards of material were transported to the Northern Delaware Basin Landfill in Jal, New Mexico. Copies of the waste manifests are provided in Appendix E.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. The analytical results were directly compared to the established Site RRALs to demonstrate compliance.

The results of the August 2024 confirmation sampling events are summarized in Table 3. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH, and BTEX with the exception of sample location NSW-2. Analytical results for NSW-2 (2') exceeded the reclamation requirement of 100 mg/kg for TPH. The sidewall associated with NSW-2 (2') was not expanded further due to encroachment on production lines north of the excavation in this location. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

In anticipation of the impending decommissioning of the tank battery at the Wilder CTB Facility (scheduled to occur in the 1st quarter of calendar year 2025), liner material was placed along the floor and sidewalls of the remediated areas and backfilled with clean material. Following the removal of tanks, piping and other production equipment, the liner material will be removed along with the remaining impacted material for proper disposal.

In accordance with 19.15.29.12 NMAC, the remediated area contains a minimum of four feet of non-waste containing, uncontaminated, earthen material. A 5-point composite sample was collected from the backfill material used backfill the excavated areas. Soil backfill composite sampling results are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

A 30-day extension was requested by Tetra Tech on October 7, 2024, and approved by the NMOCD for a new due date of November 6, 2024. A copy of the regulatory correspondence is included in Appendix D.

DEFERRAL REQUEST

Per NMOCD's conditions of approval, "a deferral may be granted for areas immediately under or around production equipment such as production tanks, wellheads, and pipelines where remediation could cause a major facility deconstruction". Additionally, "the deferral request must specify which sample points are being requested for deferral including an explanation of why the contaminants can be removed".

Interim remedial activities consisted of heavy machinery to remove as much contaminated soil as reasonably possible. The remaining 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. Any additional excavation of the impacted area located within the active battery facility would cause a major facility deconstruction, in addition to creating safety risks associated with excavating near production equipment via aggressive excavation methods (i.e., backhoe/track hoe, excavators, hydraulic hammer, etc.). These interim field activities were completed safely and without any additional unwanted releases to the environment. 19.15.29.13 NMAC will be implemented following abandonment of the tank battery and the associated pipelines and equipment. The area requested for deferral is indicated in Figure 6 and includes the area in the vicinity of assessment sample location SS06 and the area north of sidewall sample NSW-2 (2').

As mentioned previously, the facility is currently planned for decommissioning in the 1st quarter of calendar year 2025, at which time COP plans to conduct a full remediation of the associated incidents at the site. Following remediation activities at the Wilder CTB Facility, the area will continue to be used for production purposes. Therefore, final reclamation and restoration of the area will not occur until the Site is no longer being used for production.

CONCLUSION

As described above, the facility is currently active. The remedial work completed was successful in removing impacted soils to a maximum depth of 4 feet bgs in accessible areas. ConocoPhillips respectfully requests NMOCD approval of the interim remedial action executed for this release based on the confirmation sampling results and remediation activities performed. ConocoPhillips does not seek closure of the incident, rather, approval of deferral until battery abandonment. Based on the proximity to oil and gas production equipment, COP respectfully requests that further remediation of soils within the interior battery area of the facility with concentrations greater than the Site RRALs be deferred until facility deconstruction.

Final reclamation and restoration shall take place in accordance with 19.15.29.12 NMAC once the Site is no longer being used for oil and gas production. A complete and accurate remediation report and/or reclamation report will be submitted at that time.

Thus, ConocoPhillips requests deferral of the remaining impacted soils associated with the NAPP2403967865 release within release footprint, and below the tank batteries and production equipment. The completed C-141 forms are enclosed as Appendix A. If you have any questions concerning the 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
Ms. Crisha Morgan – 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 – Remedial Activities and Confirmation Sampling Locations
- Figure 6 – Proposed Deferral Extent

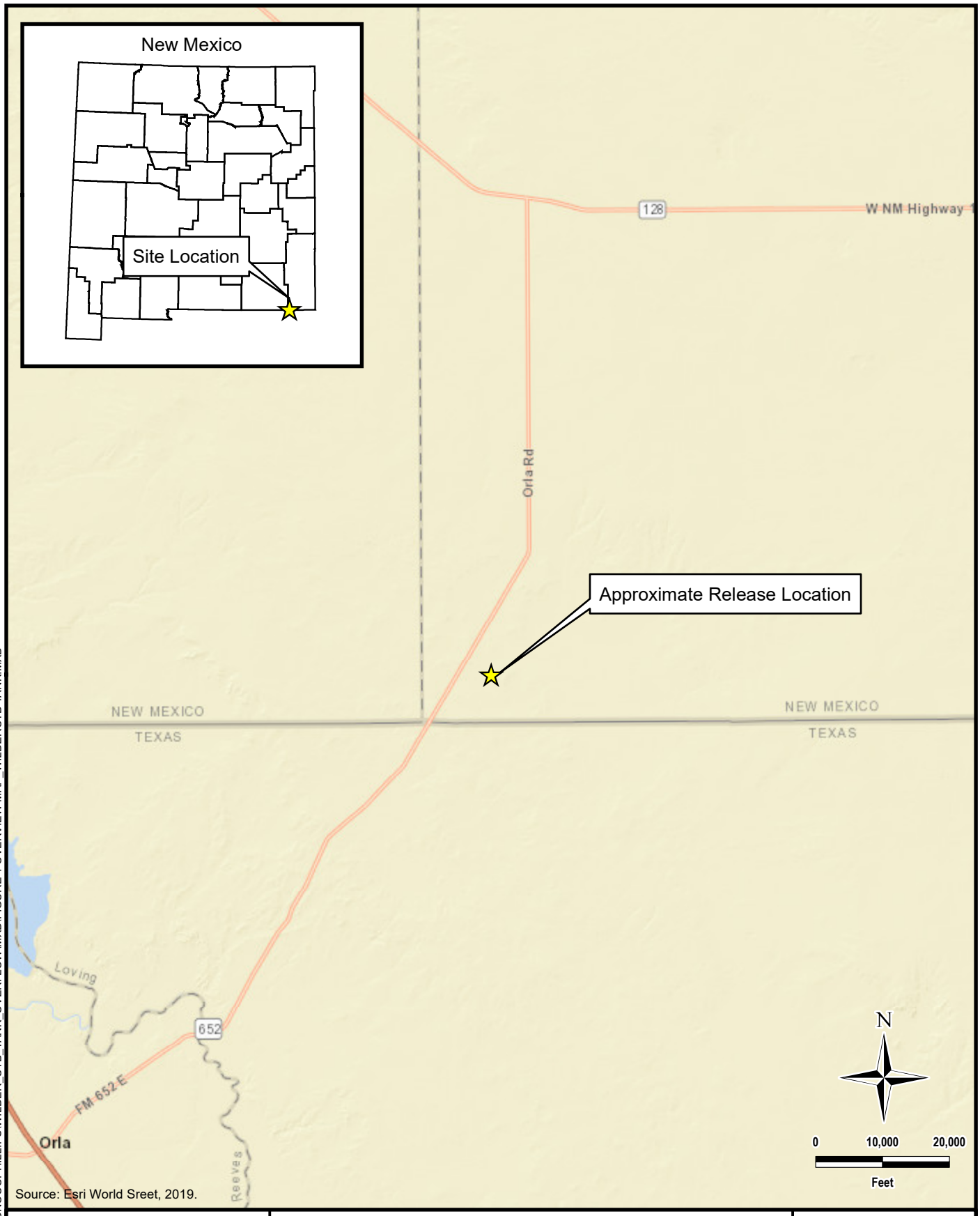
Tables:

- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Assessment (TT)
- Table 3 – Summary of Analytical Results – 2024 Soil Remediation
- Table 4 – Summary of Analytical Results – Backfill Composite

Appendices:

- Appendix A – C-141 Form
- Appendix B – Site Characterization Data
- Appendix C – Photographic Documentation
- Appendix D – Regulatory Correspondence
- Appendix E – Waste Manifests
- Appendix F – Analytical Laboratory Report

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

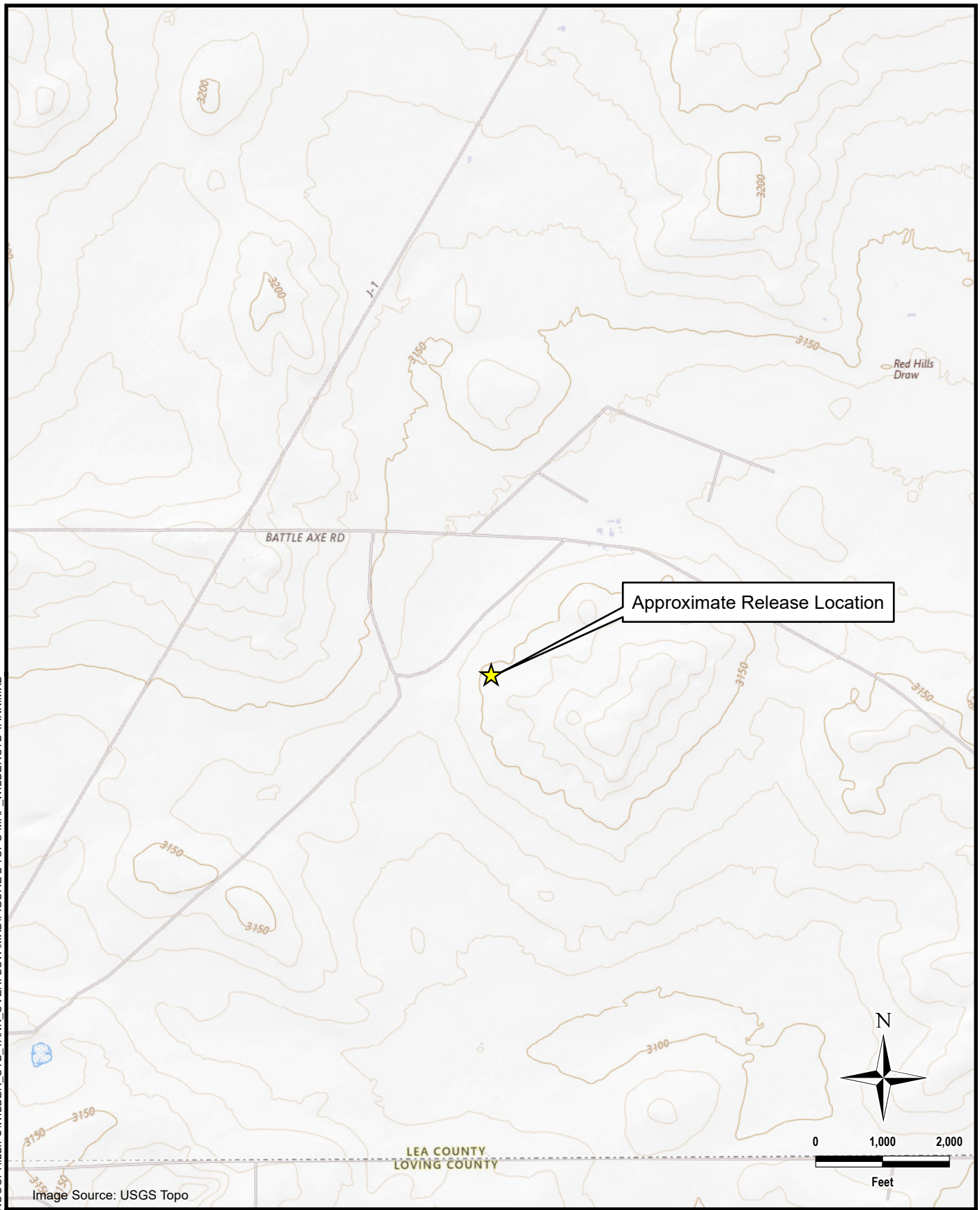

Image Source: USGS Topo

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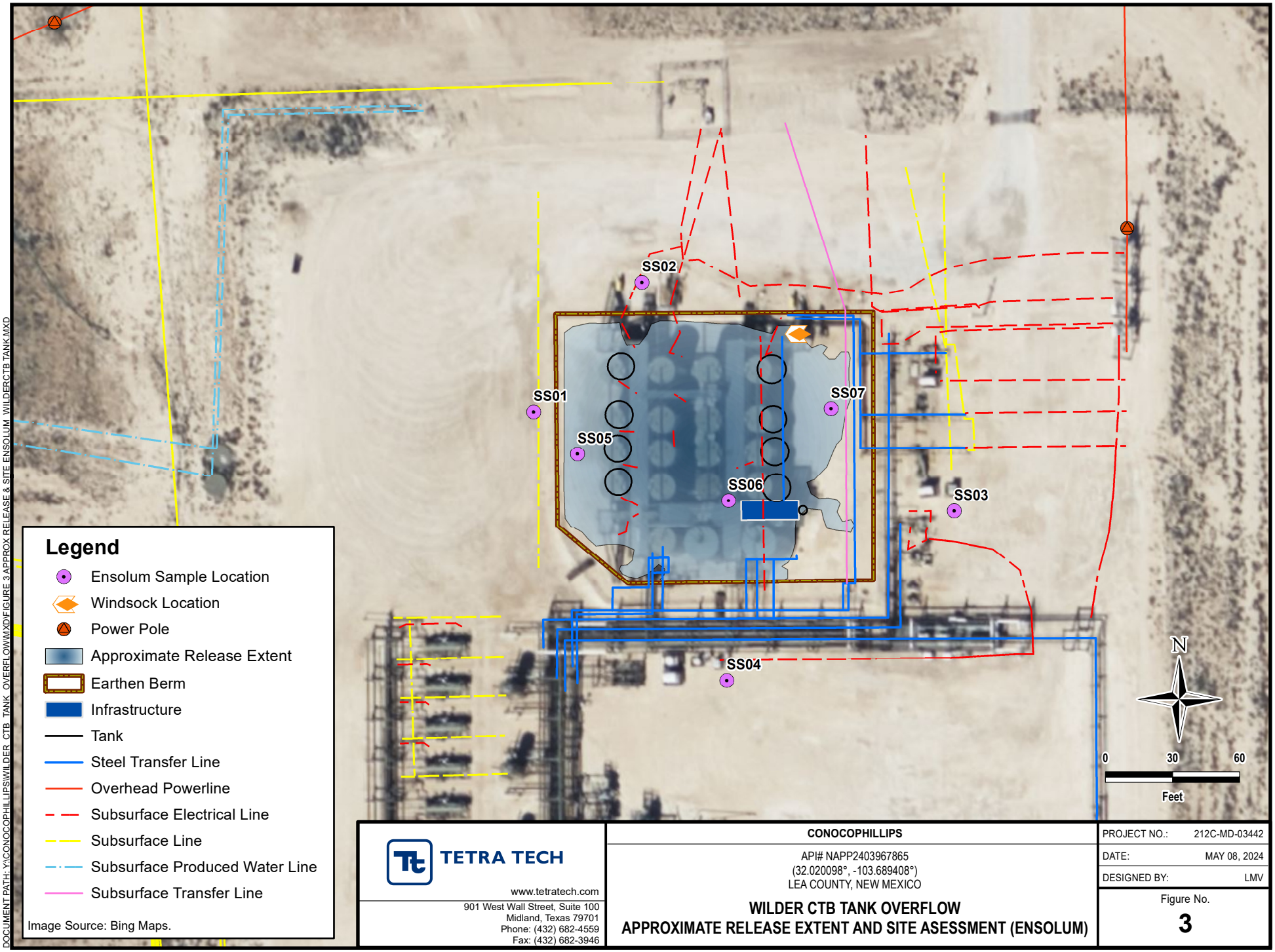
WILDER CTB TANK OVERFLOW
TOPOGRAPHIC MAP

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

Figure No.
2



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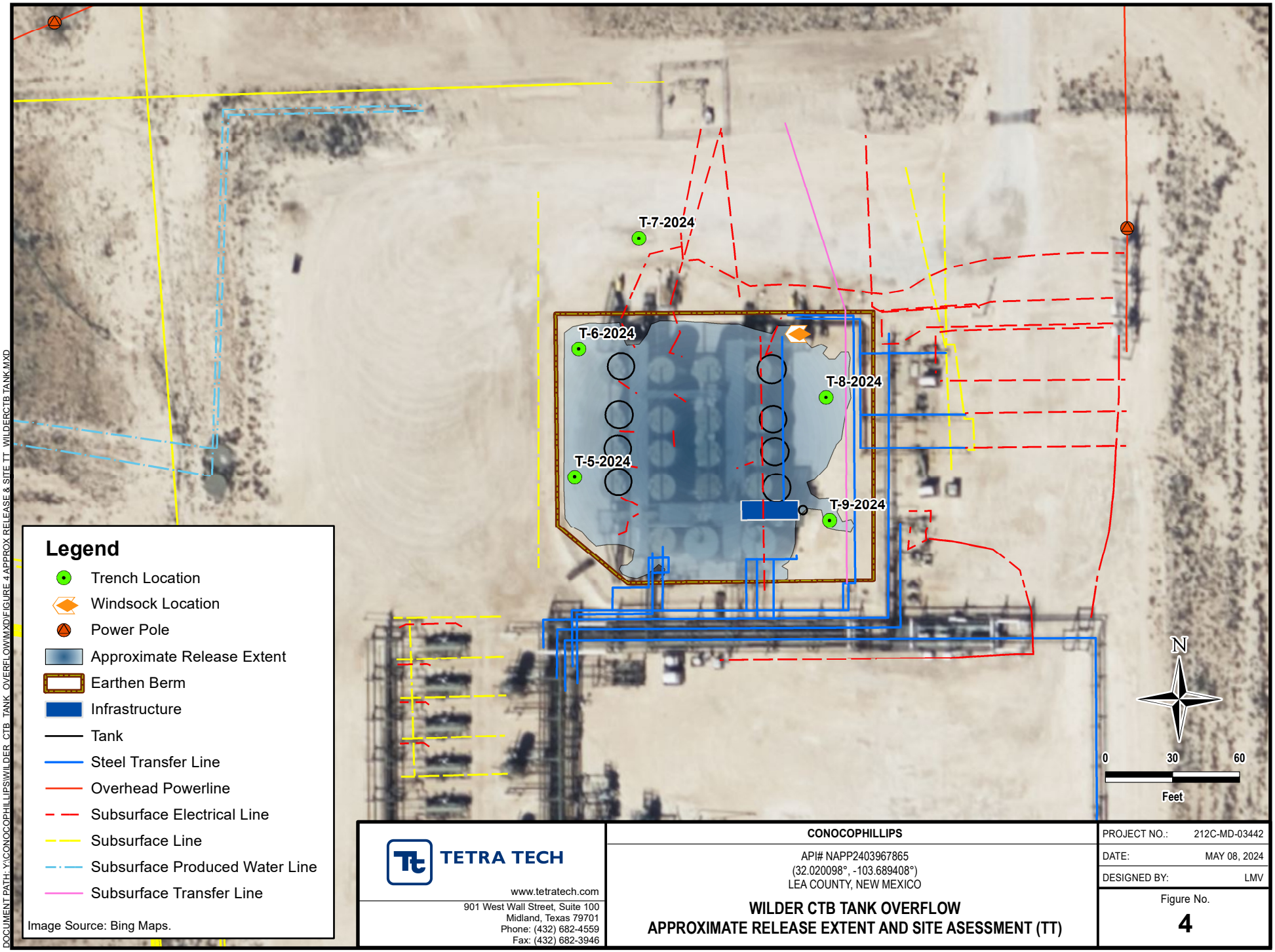
CONOCOPHILLIPS

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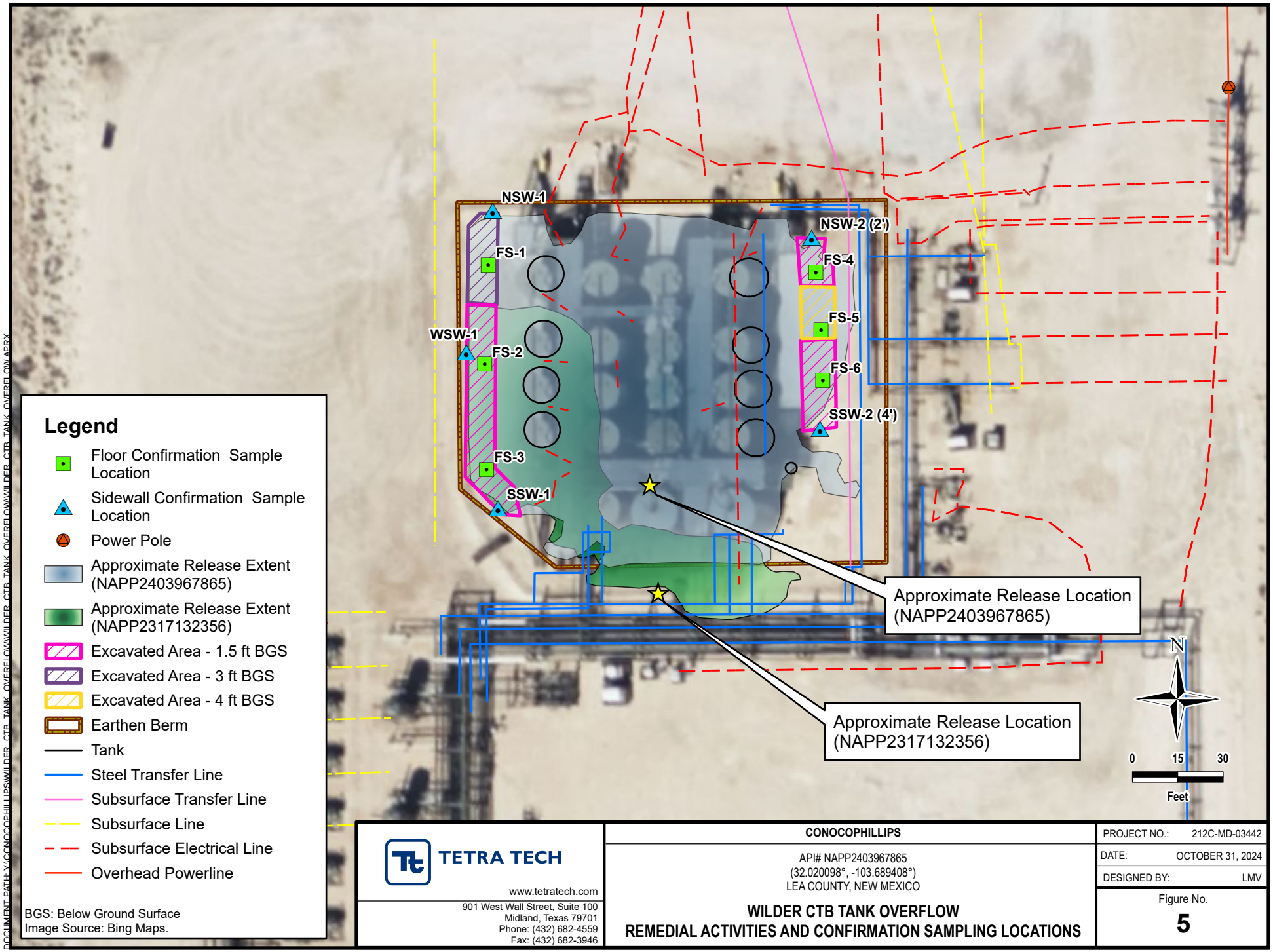
API# NAPP2403967865
(32.020098°, -103.689408°)
LEA COUNTY, NEW MEXICO

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



Legend

- Floor Confirmation Sample Location
- Sidewall Confirmation Sample Location
- Power Pole
- Approximate Release Extent (NAPP2403967865)
- Approximate Release Extent (NAPP2317132356)
- Excavated Area - 1.5 ft BGS
- Excavated Area - 3 ft BGS
- Excavated Area - 4 ft BGS
- Earthen Berm
- Tank
- Steel Transfer Line
- Subsurface Transfer Line
- Subsurface Line
- Subsurface Electrical Line
- Overhead Powerline

BGS: Below Ground Surface
Image Source: Bing Maps.

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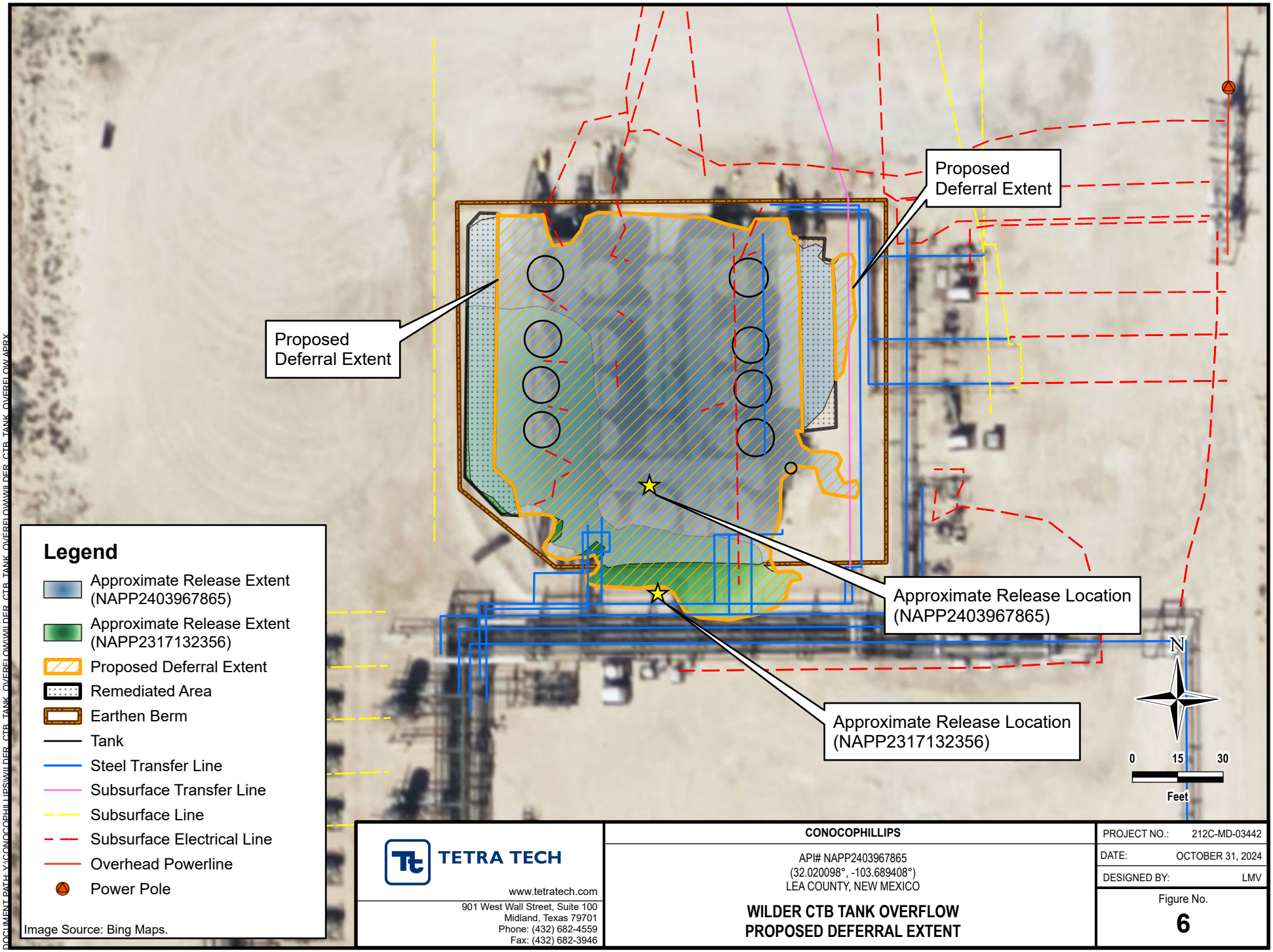
(32.020098°, -103.689408°)
LEA COUNTY, NEW MEXICO

WILDER CTB TANK OVERFLOW
REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING LOCATIONS

PROJECT NO.:	212C-MD-03442
DATE:	OCTOBER 31, 2024
DESIGNED BY:	LMV

Figure No.
5



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

WILDER CTB TANK OVERFLOW
PROPOSED DEFERRAL EXTENT

PROJECT NO.:	212C-MD-03442
DATE:	OCTOBER 31, 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.

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SOIL REMEDIATION - NAPP2403967865
CONOCOPHILLIPS
WILDER CTB TANK OVERFLOW RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride[1]		BTEX[2]										TPH[3]							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		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
FS-1	9/26/2024	3	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-2	9/26/2024	1.5	608		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-3	9/26/2024	1.5	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-4	9/26/2024	1.5	992		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-5	9/30/2024	4	272		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		61.7		<10.0		61.7
FS-6	9/26/2024	1.5	1,360		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		38.5		<10.0		38.5
NSW-1*	9/26/2024	-	***1,460***	QM-07	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
NSW-1 (1')	10/1/2024	-	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
NSW-2*	9/26/2024	-	***4,000***		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
NSW-2 (2')	10/1/2024	-	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		101		32.2		***133.2***
SSW-1*	9/26/2024	-	***2,600***		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SSW-1 (1')	10/1/2024	-	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SSW-2*	9/27/2024	-	***9,860***		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		17.1		<10.0		17.1
SSW-2 (4')	10/1/2024	-	272		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		51.1		12.7		63.8
WSW-1*	9/26/2024	-	***736***		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW-1 (1')	10/1/2024	-	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-

NOTES:

ft. Feet
bgs Below ground surface
mg/kg Milligrams per kilogram
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics
1 Method SM4500Cl-B
2 Method 8021B
3 Method 8015M

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

Gold highlight represents soil horizons that were removed during deepening of excavation floors.

Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.

* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in ().

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.

TABLE 4
SUMMARY OF ANALYTICAL RESULTS
SOIL BACKFILL - NAPP2403967865
CONOCOPHILLIPS
CERBERUS HQ TOP SOIL PIT
LEA COUNTY, NM

Sample ID	Sample Date	Chloride[1]		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)
		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
BACKFILL - COMPOSITE	7/26/2024	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
CALICHE BACKFILL - COMPOSITE	8/14/2024	320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-

NOTES:

ft. Feet
bgs Below ground surface
mg/kg Milligrams per kilogram
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics
1 Method SM4500Cl-B
2 Method 8021B
3 Method 8015M

APPENDIX A
C-141 Forms

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	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):
BU: Permian / Asset Area: DBE - Asset Avg.			Oil	No	

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					

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: _____

Incident ID	NAPP2403967865
District RP	
Facility ID	fAPP2129429037
Application ID	

Closure

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

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

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

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

Printed Name: Sam Widmer Title: Principal Program Manager

Signature: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: Nov-06-2024

email: Sam.Widmer@conocophillips.com Telephone: 907-227-1777

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX B
Site Characterization Data

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

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

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

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

POD Number	POD Sub-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

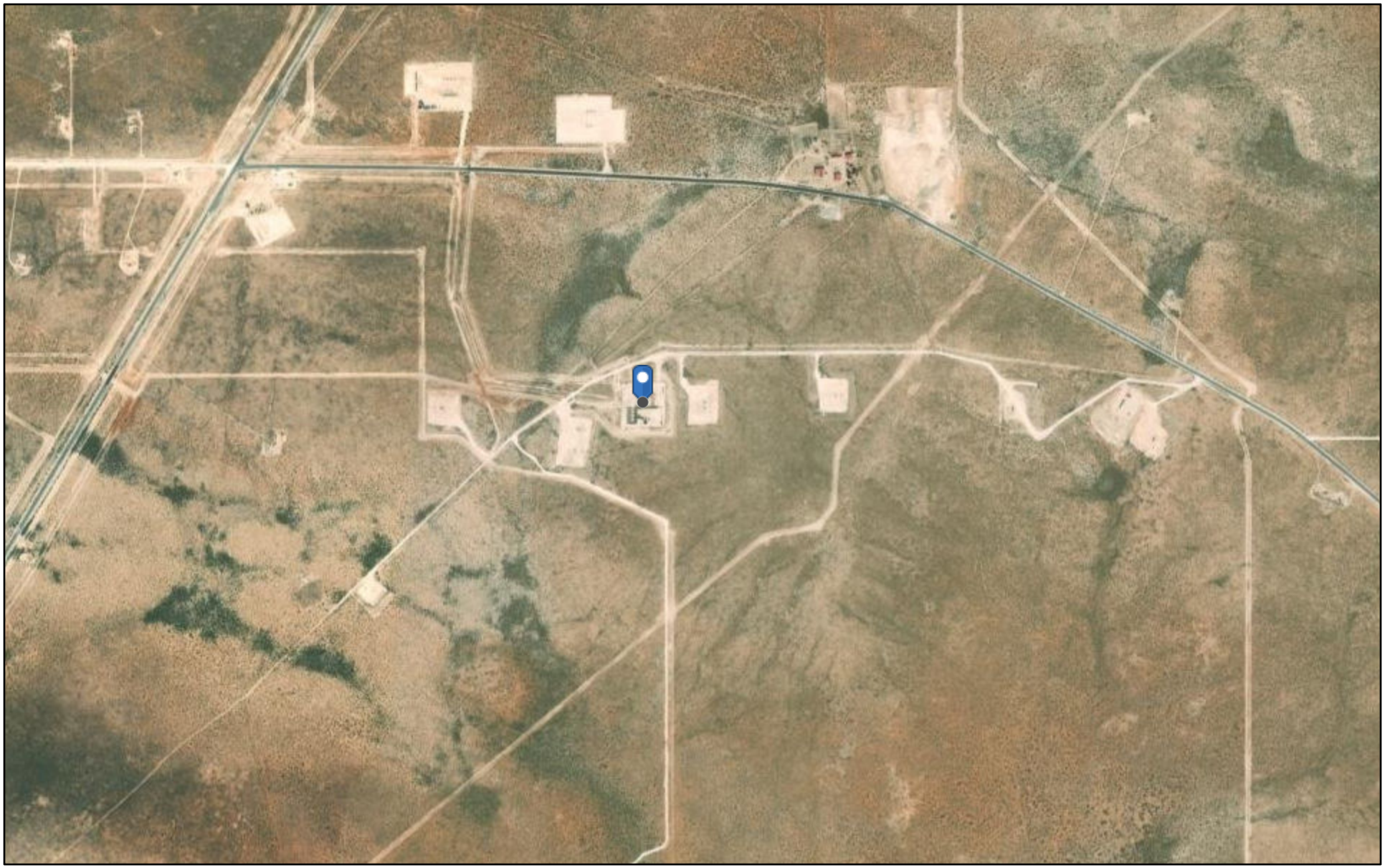
0 0.2 0.4 0.8 km

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

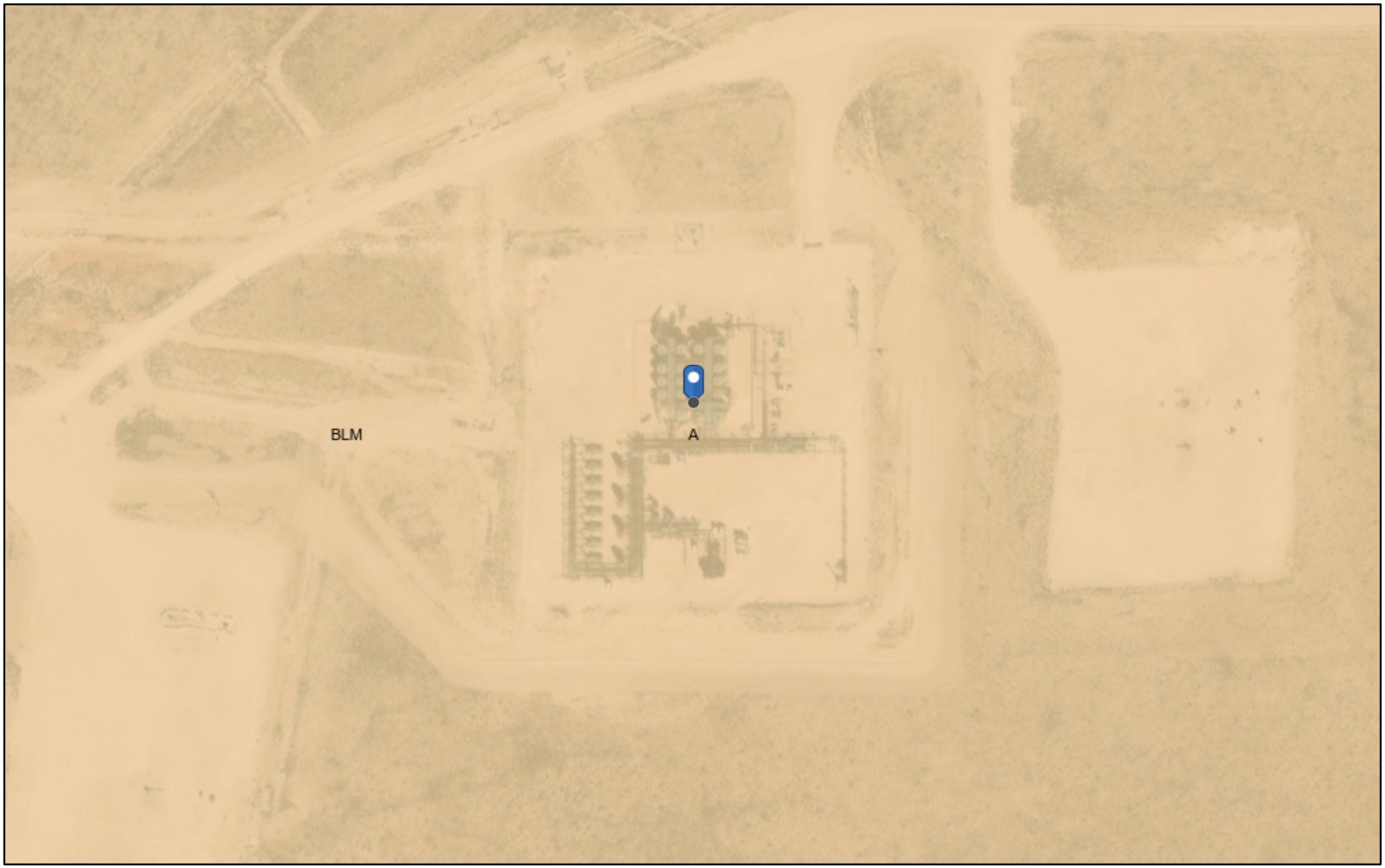
0 0.2 0.4 0.8 km

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

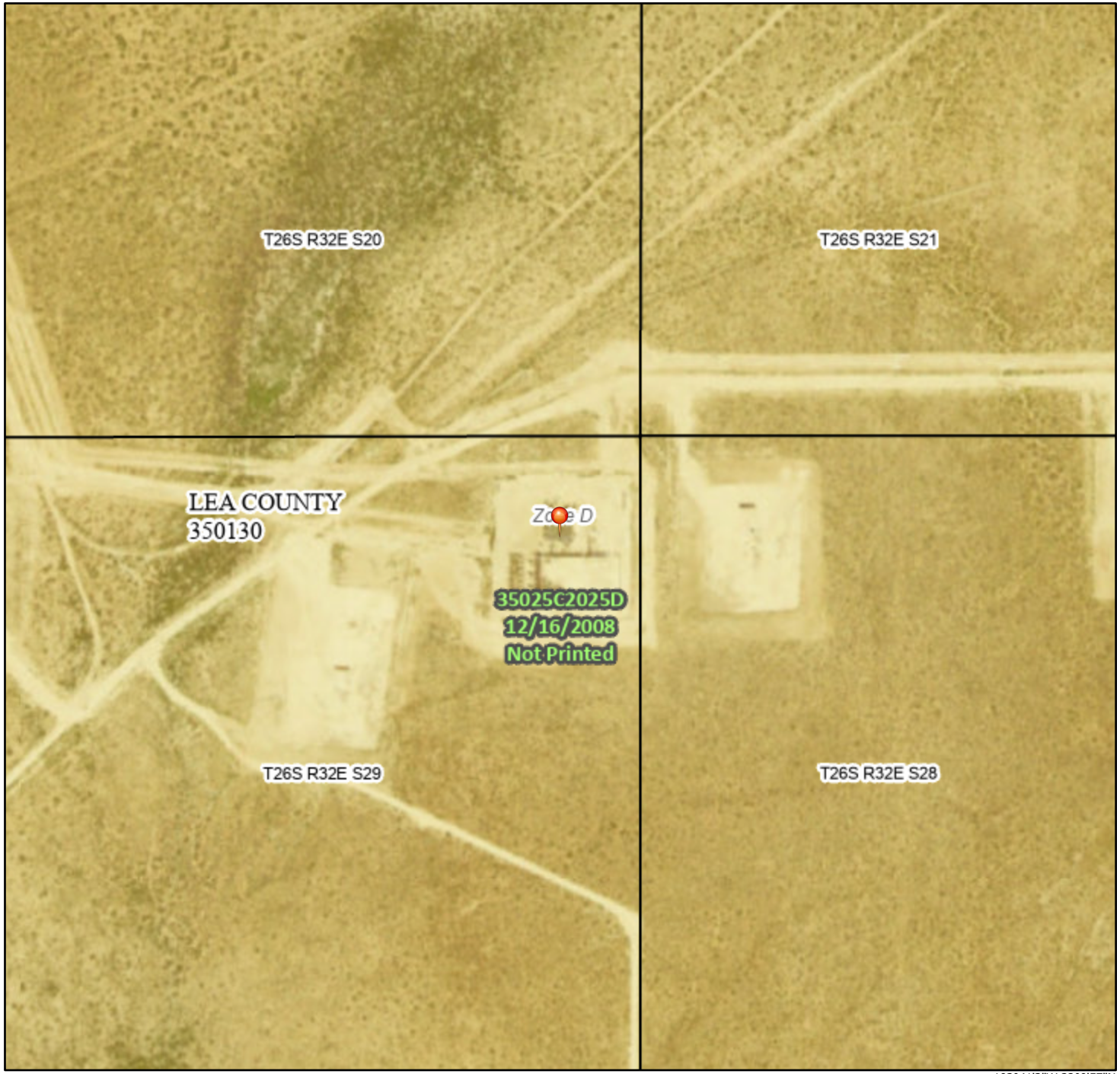
New Mexico Oil Conservation Division

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

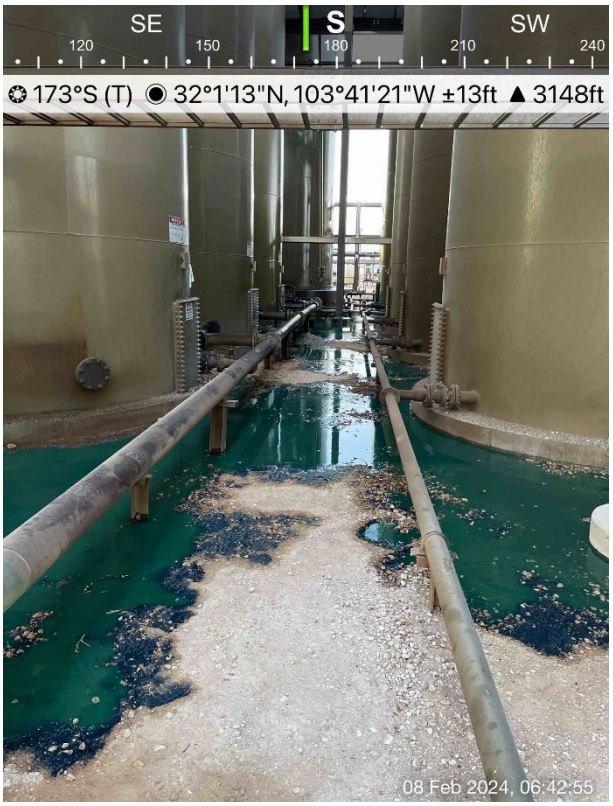
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/26/2024 at 12:21 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by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

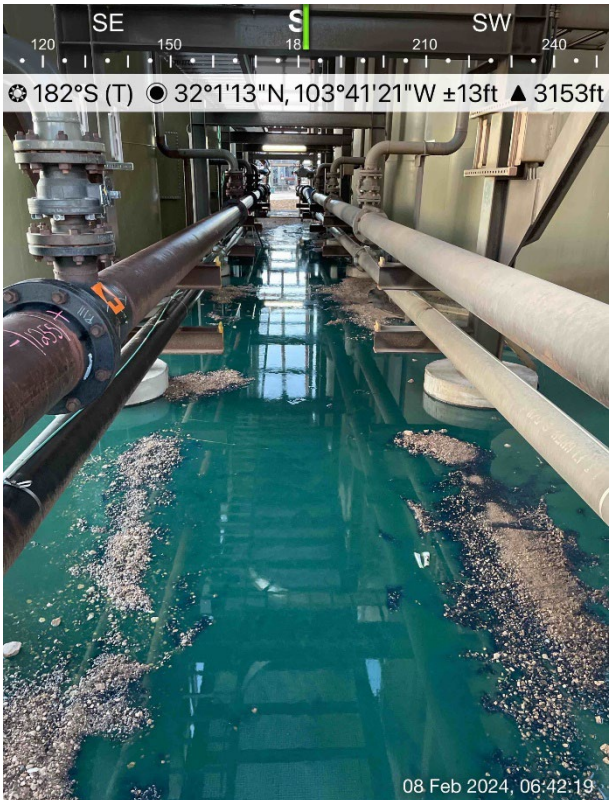
APPENDIX C
Photographic Documentation

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

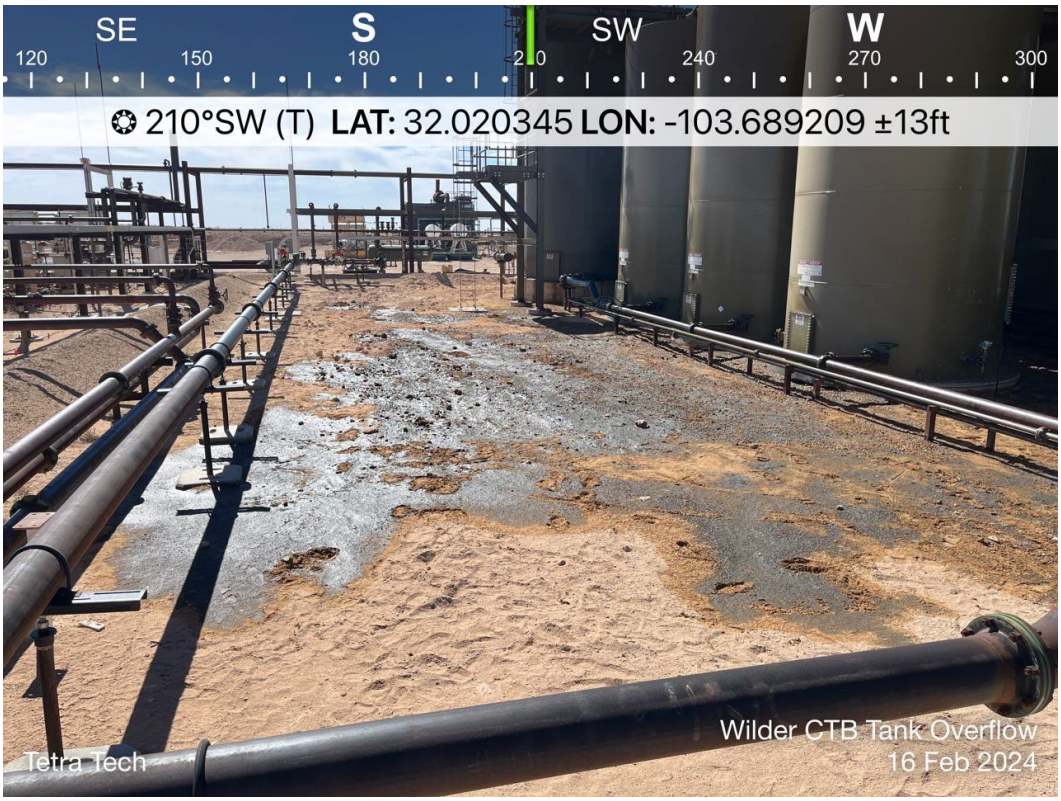
TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south-southeast of approximate release extent inside bermed tank battery post initial response.	6
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

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

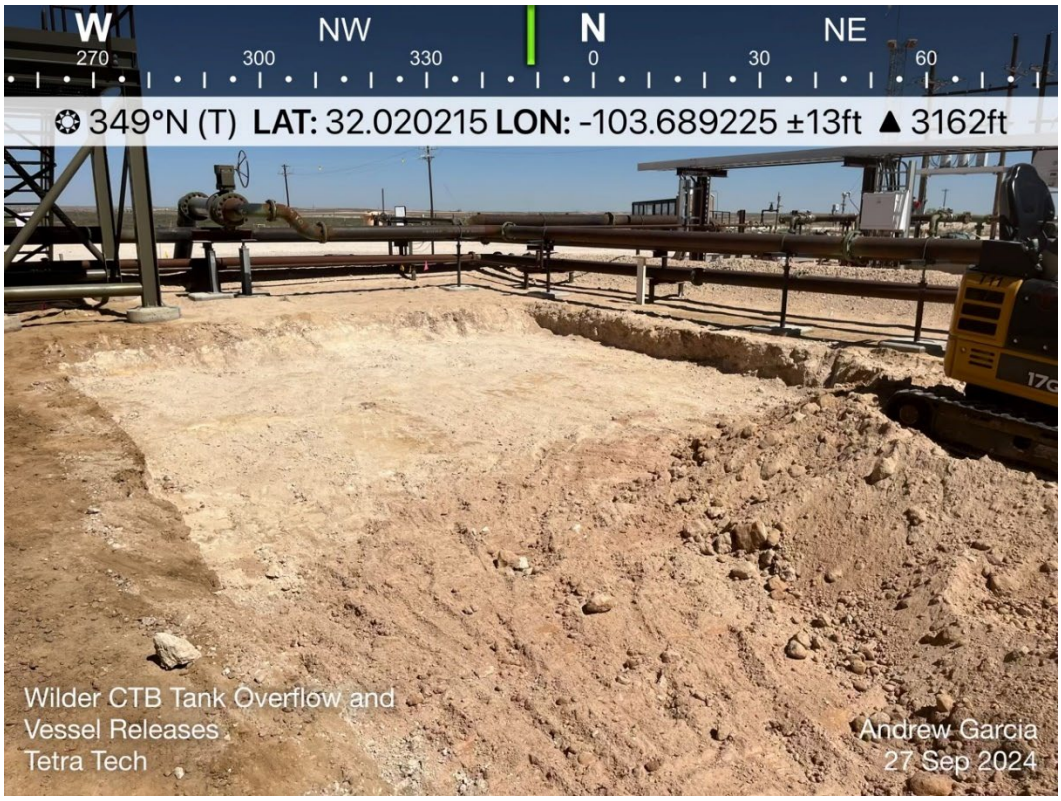


TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south-southwest of approximate release extent inside bermed tank battery post initial response.	11
	SITE NAME	WILDER CTB TANK OVERFLOW Release	2/16/2024

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

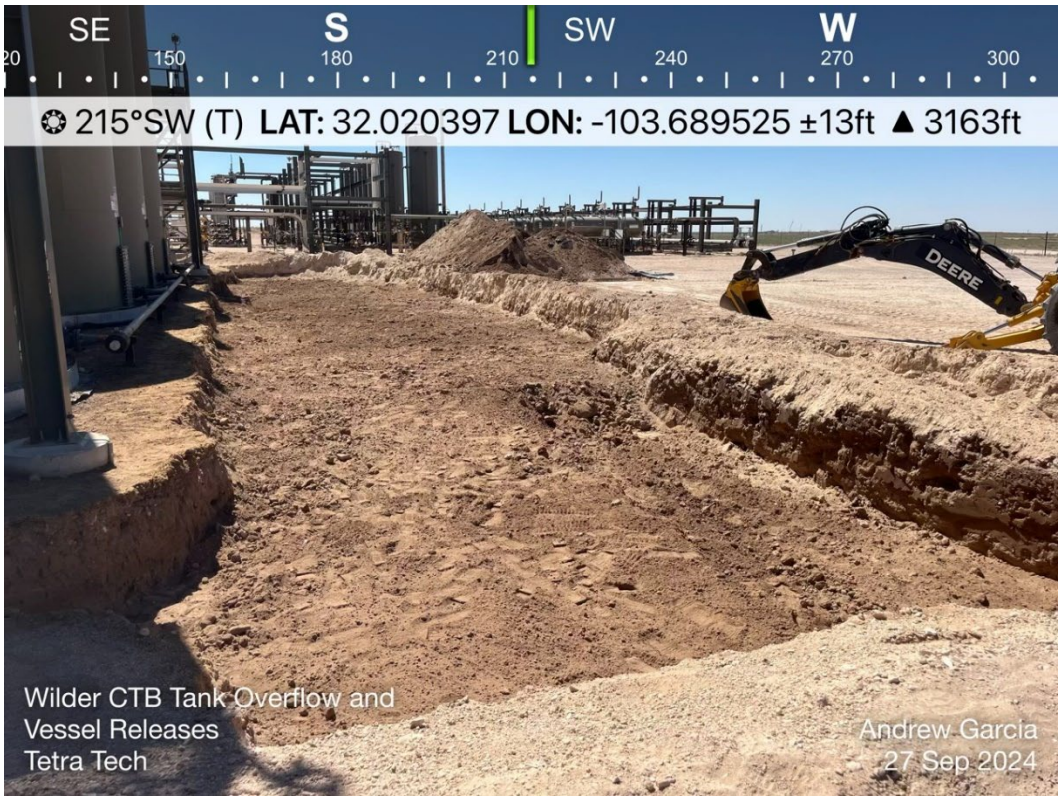
TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View East. East side of battery, interim remedial activities.	13
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	9/27/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View North. West side of battery, interim remedial activities.	14
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	9/27/2024

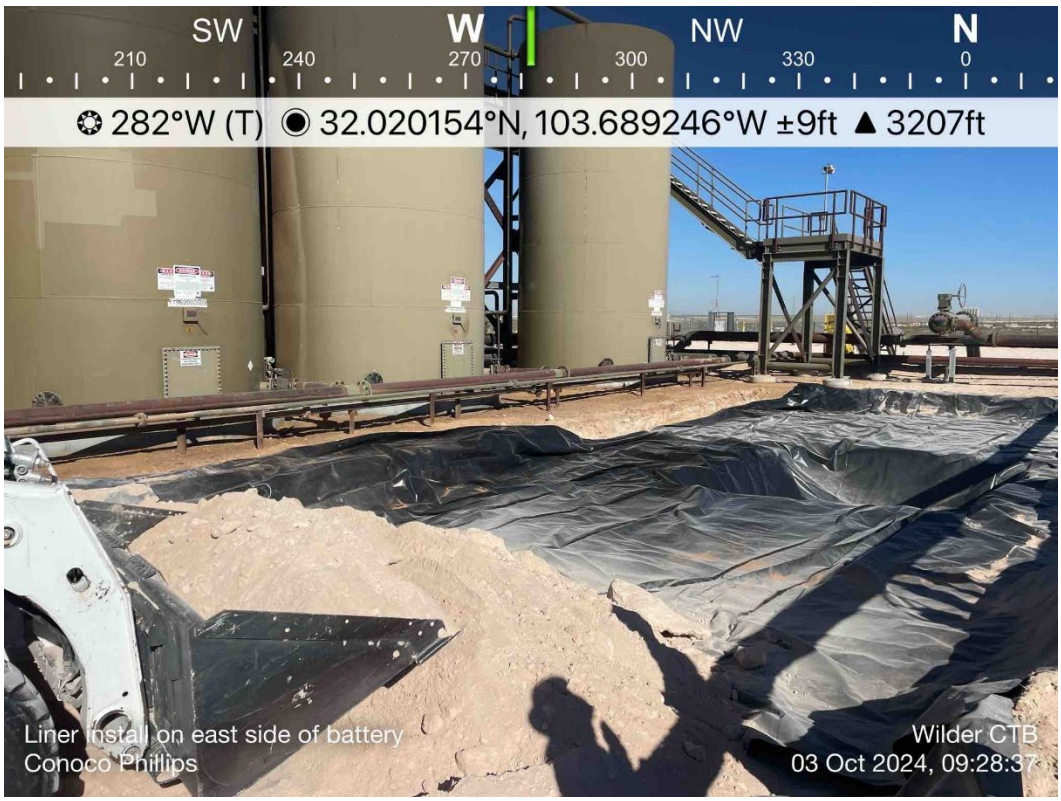


TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north. East side of battery, interim remedial activities.	15
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	9/27/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north northwest. West side of battery, interim remedial activities.	16
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	9/27/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south. West side of battery, interim remedial activities.	17
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	9/27/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View west. East side of battery, interim remedial activities, liner installation.	18
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	10/3/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View southeast. East side of battery, interim remedial activities, liner installation.	19
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	10/4/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View northwest. East side of battery, interim remedial activities, backfill.	20
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	10/4/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north. East side of battery, interim remedial activities, backfill.	21
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	10/4/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south. East side of battery, interim remedial activities, backfill.	22
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	10/4/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View north. West side of battery, interim remedial activities, backfill.	23
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	10/4/2024

TETRA TECH, INC. PROJECT NO. 212C-MD-03442	DESCRIPTION	View south southwest. West side of battery, interim remedial activities, backfill.	24
	SITE NAME	Wilder CTB Tank Overflow and Vessel Releases	10/4/2024

APPENDIX D
Regulatory Correspondence

From: OCDOnline@state.nm.us
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 369863
Date: Thursday, August 8, 2024 6:46:56 PM

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2403967865, with the following conditions:

- **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.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Scott Rodgers
Environmental Specialist - A
505-469-1830
scott.rodgers@emnrd.nm.gov

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

From: Morgan, Crisha A
To: Dickerson, Ryan
Cc: Llull, Christian
Subject: Re: [EXTERNAL] Request for Approval - Wilder CTB Tank Overflow and Vessel Releases Remediation
Date: Wednesday, September 18, 2024 10:49:18 AM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
Outlook-1qsodwqi.png
Outlook-ksq5l5im.png

The BLM has accepted this plan for record. Please consider this the BLM's approval to move forward and begin work according to this plan. Please let us know if you run into any issues.

Thank you,

Crisha A. Morgan |Certified - Environmental Protection Specialist | Program Officer|COR| Spills Coordinator| Orphaned & Idled Well POC Lead
Bureau of Land Management | Carlsbad Field Office
620 E. Greene Street Carlsbad, NM 88220
Cell 575-200-8648 | Office 575-234-5987 |camorgan@blm.gov

From: Dickerson, Ryan <Ryan.Dickerson@tetratech.com>
Sent: Friday, September 6, 2024 8:43 AM
To: Morgan, Crisha A <camorgan@blm.gov>
Cc: Taylor, Shelly J <sjtaylor@blm.gov>; Llull, Christian <Christian.Llull@tetratech.com>
Subject: [EXTERNAL] Request for Approval - Wilder CTB Tank Overflow and Vessel Releases Remediation

Crisha:

Good afternoon. I write on behalf of ConocoPhillips.

Tetra Tech is assisting with remediation of a previously reported unplanned release with the NMOCD.
The Release Characterization Work Plan was submitted to NMOCD (with appropriate fee) on 8/2/2024.
NMOCD approved the Workplan/Remediation proposal on 8/8/2024. NMOCD approval is attached.
Due to the coincidental release footprints, the proposed remedial action addresses both the Wilder CTB Tank Overflow

Release and the Wilder CTB Vessel Release.

A .kmz file showing the proposed remedial action area is attached.
Please perform an Environmental Impact Review for the subject site.

Wilder CTB Tank Overflow and Vessel Releases
Lea County, NM
GPS Coordinates: 32.0201°, -103.6894°
Landowner BLM

Wilder CTB Vessel Release
Incident ID: NAPP2317132356
Date Release Discovered: June 11, 2023
Volume Released: 19.22 bbls of produced water
Volume Recovered: 15 bbls of produced water

Wilder CTB Tank Overflow Release
Incident ID: NAPP2403967865
Date Release Discovered: February 8, 2024
Volume Released: 86.3 bbls of oil
Volume Recovered: 70 bbls of oil

The proposed excavation area is approximately 4,000 square feet.
Remediation will be performed with backhoes and track hoes and by hand digging and/or hydro-excavation near surface and subsurface lines and overhead electrical.
Remediation activities at the Site are scheduled to begin on September 23, 2024 pending BLM plan approval.

Please let me know if additional information is needed to complete this request.

Thanks,

Ryan

Ryan Dickerson | Project Manager
Cell **+1 (512) 217-7254** | ryan.dickerson@tetratech.com

Tetra Tech | *Leading with Science®* | OGA
8911 N. Capital of TX Hwy. | Bldg. 2, Ste 2310 | Austin, TX 78759 | tetratech.com

From: OCDOnline@state.nm.us
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 386012
Date: Monday, September 23, 2024 8:24:33 PM

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2403967865.

The sampling event is expected to take place:

When: 09/26/2024 @ 10:00
Where: A-29-26S-32E 0 FNL 0 FEL (32.02017778,-103.6894361)

Additional Information: Additional Information: Sampling at the Release Incident Site will be conducted on 9/26 and 9/27. This C-141N request is intended to provide a range of dates for which confirmation sampling will be conducted.

OCD approved 300 sq ft. sampling of the floor and sidewalls.

Ryan Dickerson | Project Manager
Cell +1 (512) 217-7254

Additional Instructions: Additional Information: Sampling at the Release Incident Site will be conducted on 9/26 and 9/27. This C-141N request is intended to provide a range of dates for which confirmation sampling will be conducted.

From Intersection of Orla Road (CR-1) and J-2: Head east for 1.77 miles on J-2. Turn right. Head west for 1.05 miles on
lease road. Turn left onto lease road/site entrance. Head south for 300 feet. Arrive at Site.

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

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

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

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive
Santa Fe, NM 87505

From: Rodgers, Scott, EMNRD
To: Dickerson, Ryan
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has accepted the application, Application ID: 386012
Date: Friday, September 27, 2024 4:47:37 PM
Attachments: image001.jpg

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

Afternoon Ryan,
Thank you for the update. The variance request to continue confirmation sampling on 09/30/2024 is approved. Please continue to apply the same condition of approval as previously stated. Please keep a copy of this communication for inclusion within the appropriate reporting documentation.
Thank you,
Scott

Scott Rodgers ● Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Dickerson, Ryan <Ryan.Dickerson@tetratech.com>
Sent: Friday, September 27, 2024 1:48 PM
To: ocdonline, emnrd, EMNRD <emnrd.ocdonline@emnrd.nm.gov>
Cc: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has accepted the application, Application ID: 386012

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

Mr. Rodgers,
I am requesting a variance to continue confirmation sampling on 9/30/2024. We experienced delays due to site conditions and were unable to complete the anticipated sampling on 9/27/2024 as stated in the C-141N. We anticipate collecting one additional sample on 9/30 to complete the initial sampling event.

We plan to complete sampling activities on 9/30. An additional C-141N will be submitted for sampling activities later than 9/30.

Thanks,

Ryan

Ryan Dickerson | Project Manager
Cell **+1 (512) 217-7254** | ryan.dickerson@tetratech.com

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8911 N. Capital of TX Hwy. | Bldg. 2, Ste 2310 | Austin, TX 78759 | tetratech.com

---

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, September 23, 2024 8:24 PM
To: Llull, Christian <christian.llull@tetratech.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 386012

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2403967865.

The sampling event is expected to take place:

When: 09/26/2024 @ 10:00
Where: A-29-26S-32E 0 FNL 0 FEL (32.02017778,-103.6894361)

Additional Information: Additional Information: Sampling at the Release Incident Site will be conducted on 9/26 and 9/27. This C-141N request is intended to provide a range of dates for which confirmation sampling will be conducted.

OCD approved 300 sq ft. sampling of the floor and sidewalls.

Ryan Dickerson | Project Manager
Cell +1 (512) 217-7254

Additional Instructions: Additional Information: Sampling at the Release Incident Site will be conducted on 9/26 and 9/27. This C-141N request is intended to provide a range of dates for which confirmation sampling will be conducted.

From Intersection of Orla Road (CR-1) and J-2: Head east for 1.77 miles on J-2. Turn right. Head west for 1.05 miles on

lease road. Turn left onto lease road/site entrance. Head south for 300 feet. Arrive at Site.

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

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

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

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

APPENDIX E
Waste Manifests

Customer Copy

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

----WASTE TICKET----
Ticket # 273498
Start:09/26/2024 03:59 PM
End:09/26/2024 04:03 PM
By:OWL.Ivan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	0	20	$0.01	$0.20

Hauler: McNabb Partners
Driver: Andrew Richards
Lease: Wilder CTB Tank Overflow Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	24	0.0 lbs		$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

...

Customer Copy

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

---WASTE TICKET---
Ticket # 273431
Start:09/26/2024 11:18 AM
End:09/26/2024 11:23 AM
By:owl.jayden

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	0	20	$0.01	$0.20

Hauler: McNabb
Driver: Andrew Richards
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	24	0.0 lbs		$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

Customer Copy

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

---WASTE TICKET---
Ticket # 273455
Start:09/26/2024 01:13 PM
End:09/26/2024 01:22 PM
By:OWL.Ivan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	0	20	$0.01	$0.20

Hauler: McNabb Partners
Driver: Andrew Richards
Lease: Wilder CTB Tank Overflow Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00

24	0.0 lbs	$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

Customer Copy

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

----WASTE TICKET----
Ticket # 273651
Start:09/27/2024 10:52 AM
End:09/27/2024 10:58 AM
By:owl.jayden

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
20	0	20	$0.01	$0.20

Hauler: McNabb
Driver: Andrew Richards
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
1	0	1	$0.00	$0.00
Paint Filter - PASS				
1	0	1	$0.00	$0.00
NORM - PASS				
1	0	1	$0.00	$0.00
Additional Photos				
1	0	1	$0.00	$0.00
24	0.0 lbs		$0.01	$0.20

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

Date	Type	Amount
	CASH	

Customer: ConocoPhillips Company
Driver: Karen Work

Andrew R
M89

...

Customer Copy

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

----WASTE TICKET----
Ticket # 273698
Start:09/27/2024 01:20 PM
End:09/27/2024 01:28 PM
By:owl.amy

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	0	20	$0.01	$0.20

Hauler: McNabb Partners
Driver: Andrew Richards
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 05
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	24		0.0 lbs	$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

Andrew R
M89

Customer Copy

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

----WASTE TICKET----
Ticket # 274261
Start:09/30/2024 03:25 PM
End:09/30/2024 03:30 PM
By:owl.jayden

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
20	0	20	$0.01	$0.20

Hauler: McNabb
Driver: Andrew Richards
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
1	0	1	$0.00	$0.00
Paint Filter - PASS				
1	0	1	$0.00	$0.00
NORM - PASS				
1	0	1	$0.00	$0.00
Additional Photos				
1	0	1	$0.00	$0.00
24	0.0 lbs		$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

...

Customer Copy

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

----WASTE TICKET----
Ticket # 274224
Start:09/30/2024 01:16 PM
End:09/30/2024 01:21 PM
By:owl.jayden

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
20	0	20	$0.01	$0.20

Hauler: McNabb
Driver: Andrew Richards
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: EDDY (NM)
API #: N/A
Client Company Man: Sam Wider
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
1	0	1	$0.00	$0.00
Paint Filter - PASS				
1	0	1	$0.00	$0.00
NORM - PASS				
1	0	1	$0.00	$0.00
Additional Photos				
1	0	1	$0.00	$0.00
24	0.0 lbs		$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

...

Customer Copy

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

----WASTE TICKET----
Ticket # 274189
Start:09/30/2024 10:52 AM
End:09/30/2024 10:57 AM
By:owl.amy

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	0	20	$0.01	$0.20

Hauler: McNabb Partners
Driver: Andrew Richards
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	24		0.0 lbs	$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

Customer Copy

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

----WASTE TICKET----
Ticket # 274429
Start:10/01/2024 10:23 AM
End:10/01/2024 10:31 AM
By:owl.jayden

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	0	20	$0.01	$0.20

Hauler: McNabb
Driver: Andrew Richards
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	24	0.0 lbs		$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

Customer Copy

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

----WASTE TICKET----
Ticket # 274497
Start:10/01/2024 04:22 PM
End:10/01/2024 04:27 PM
By:OWL.Ivan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	0	20	$0.01	$0.20

Hauler: McNabb Partners
Driver: Andrew Richards
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 10
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	24	0.0 lbs		$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

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

----WASTE TICKET----
Ticket # 274429
Start:10/01/2024 10:23 AM
End:10/01/2024 10:31 AM
By:owl.jayden

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
20	0	20	$0.01	$0.20

Hauler: McNabb
Driver: Andrew Richards
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
1	0	1	$0.00	$0.00
Paint Filter - PASS				
1	0	1	$0.00	$0.00
NORM - PASS				
1	0	1	$0.00	$0.00
Additional Photos				
1	0	1	$0.00	$0.00
24		0.0 lbs	$0.01	$0.20

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work
Ownership, I hereby state that I am the lawful owner of the material described heron, and I have the right to sell same said material and for the payment received I convey said material to:
Oilfield Water Logistics, LLC

Print name_____

Sign name_____

powered by WeighPay.com

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Customer Copy

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

----WASTE TICKET----
Ticket # 274679
Start:10/02/2024 03:32 PM
End:10/02/2024 03:40 PM
By:OWL.Ivan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	15	0	15	$0.01	$0.15

Hauler: McNabb Parterns
Driver: Manuel Lopez
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 14
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: CuYd
UOM Count: 15
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	19		0.0 lbs	$0.01	$0.15

SUBTOTAL ---> $0.15
TAX ---> $0.01
ROUNDING ---> $0.00
TOTAL ---> $0.16

Date	Type	Amount
	CASH	$0.16

Customer: ConocoPhillips Company
Driver: Karen Work

...

Customer Copy

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

----WASTE TICKET----
Ticket # 274621
Start:10/02/2024 10:42 AM
End:10/02/2024 10:47 AM
By:owl.judy

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	0	20	$0.01	$0.20
H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	24	0.0 lbs		$0.01	$0.20

Hauler: McNabb Partners
Driver: Lumar Rodriguez
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

...

Customer Copy

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

----WASTE TICKET----
Ticket # 274654
Start:10/02/2024 01:12 PM
End:10/02/2024 01:22 PM
By:owl.amy

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	20	0	20	$0.01	$0.20
H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	24	0.0 lbs		$0.01	$0.20

Hauler: McNabb Partners
Driver: Lumar Rodriguez
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 20.
PF Test Result: Pass
H2S Test: Pass

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

Date	Type	Amount
	CASH	$0.21

Customer: ConocoPhillips Company
Driver: Karen Work

...

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

----WASTE TICKET----
Ticket # 274879
Start:10/03/2024 12:49 PM
End:10/03/2024 01:00 PM
By:owl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	18	0	18	$0.01	$0.18
Hauler: McNabb					
Driver: Lumar Rdz					
Lease: Wilder CTB					
Well: N/A					
AFE #: N/A					
County, State: LEA (NM)					
API #: N/A					
Manifest #: N/A					
Client Company Man: Sam Widmer					
Rig Name & Number: N/A					
Trucking Co Ticket #: N/A					
Truck Type: Belly Dumps					
UOM: CuYd					
UOM Count: 18					
PF Test Result: Pass					
H2S Test: Pass					
H2S Testing - PASS	1	0	1	$0.00	$0.00
Paint Filter - PASS	1	0	1	$0.00	$0.00
NORM - PASS	1	0	1	$0.00	$0.00
Additional Photos	1	0	1	$0.00	$0.00
	22	0.0 lbs		$0.01	$0.18

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

Date	Type	Amount
	CASH	$0.19

Customer: ConocoPhillips Company
Driver: Karen Work
Ownership, I hereby state that I am the lawful owner of the material described heron, and I have the right to sell same said material and for the payment received I convey said material to:
Oilfield Water Logistics, LLC

Print name _____

Sign name _____

powered by WeighPay.com

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APPENDIX F
Analytical Laboratory Report

CARDINAL Laboratories

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

September 27, 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 09/26/24 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: NSW - 1 (H245873-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.92	96.0	2.00	3.04	
Toluene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.08	104	2.00	2.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.43	107	6.00	1.76	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1460**	16.0	09/27/2024	ND	432	108	400	3.77	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

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

Surrogate: 1-Chlorooctadecane *99.0 %* *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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: NSW - 2 (H245873-02)

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	09/26/2024	ND	1.92	96.0	2.00	3.04	
Toluene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.08	104	2.00	2.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.43	107	6.00	1.76	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4000**	16.0	09/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: WSW - 1 (H245873-03)

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	09/26/2024	ND	1.92	96.0	2.00	3.04	
Toluene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.08	104	2.00	2.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.43	107	6.00	1.76	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**736**	16.0	09/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.6 %* *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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: SSW - 1 (H245873-04)

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	09/26/2024	ND	1.92	96.0	2.00	3.04	
Toluene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.08	104	2.00	2.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.43	107	6.00	1.76	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2600**	16.0	09/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: SSW - 2 (H245873-05)

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	09/26/2024	ND	1.92	96.0	2.00	3.04	
Toluene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.08	104	2.00	2.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.43	107	6.00	1.76	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9860**	16.0	09/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	**17.1**	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: FS - 1 (H245873-06)

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	09/26/2024	ND	1.92	96.0	2.00	3.04	
Toluene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.08	104	2.00	2.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.43	107	6.00	1.76	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	09/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: FS - 2 (H245873-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.92	96.0	2.00	3.04	
Toluene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.08	104	2.00	2.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.43	107	6.00	1.76	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**608**	16.0	09/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.5 %* *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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: FS - 3 (H245873-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.92	96.0	2.00	3.04	
Toluene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.08	104	2.00	2.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.43	107	6.00	1.76	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	09/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: FS - 4 (H245873-09)

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	09/26/2024	ND	1.92	96.0	2.00	3.04	
Toluene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.08	104	2.00	2.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.43	107	6.00	1.76	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**992**	16.0	09/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	09/26/2024	Sampling Date:	09/26/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: FS - 6 (H245873-10)

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	09/27/2024	ND	1.96	98.1	2.00	1.64	
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345	
Total BTEX	<0.300	0.300	09/27/2024	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1360**	16.0	09/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	224	112	200	1.62	
DRO >C10-C28*	**38.5**	10.0	09/27/2024	ND	215	108	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

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

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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 1

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

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	Chloride
H245873													2024				
1	NSW-1	C	1			X					X		09/26	1000	X	X	X
2	NSW-2													1030			
3	WSW-1													1100			
4	SSW-1													1130			
5	SSW-2													1200			
6	FS-1													1230			
7	FS-2													1300			
8	FS-3													1330			
9	FS-4													1400			
10	FS-6													1430			

Relinquished By:	Date: 09/26/24	Received By:	
Andrew Garcia	Time: 1620		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
Ryan.Dickerson@Tetratech.com
REMARKS:
Andrew.Garcia@Tetratech.com

Delivered By: (Circle One)	Observed Temp. °C 2.2	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.6	☑ Yes ☐ Yes ☐ No ☐ No	AD	Thermometer ID #140 Correction Factor -0.6°C 24 HRTAT

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

FORM-006 R 3.3 08/05/24

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

CARDINAL Laboratories

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

October 01, 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 09/30/24 16:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:	09/30/2024	Sampling Date:	09/30/2024
Reported:	10/01/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: FS - 5 (H245935-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2024	ND	2.14	107	2.00	1.38	
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20	
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22	
Total BTEX	<0.300	0.300	09/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *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	10/01/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2024	ND	213	106	200	0.311	
DRO >C10-C28*	**61.7**	10.0	09/30/2024	ND	203	101	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane *77.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.1 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of 1

Company Name:	Tetra Tech - ConocoPhillips
Project Manager:	Ryan Dickerson
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	212C-MD-03442 Project Owner:
Project Name:	Wilder CTB Tank Overflow / Vessel Release
Project Location:	Lea 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	SAMPLING TIME	TPH	BTEX	Chlorides
H245935-1	FS-5	C	1			X					X		9/30/2024	0930	X	X	X

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 consequental 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: Andrew Garcia	Date: 9/30/24 Time: 1003	Received By:	
Relinquished By:	Date: Time:	Received By:	

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
Ryan.Dickerson@Tetratech.com
REMARKS:
Andrew.Garcia@Tetratech.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.1 Corrected Temp. °C -0.7	Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials) AD

Turnaround Time: Standard ☐ Rush ☑ 24 HR TAT
Thermometer ID #113 Correction Factor -0.6°C
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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

FORM-006 R 3.3 07/18/22

CARDINAL Laboratories

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

October 02, 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 10/01/24 15:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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

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:	10/01/2024	Sampling Date:	10/01/2024
Reported:	10/02/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442 (VESSEL RELEASE)	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: NSW - 1 (1') (H245965-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.09	105	2.00	2.15	
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	1.16	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.21	110	2.00	0.837	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.66	111	6.00	0.394	
Total BTEX	<0.300	0.300	10/01/2024	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	10/02/2024	ND	432	108	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	201	100	200	5.15	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	195	97.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane *59.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *66.8 %* *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:	10/01/2024	Sampling Date:	10/01/2024
Reported:	10/02/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442 (VESSEL RELEASE)	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: NSW - 2 (2') (H245965-02)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.09	105	2.00	2.15	
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	1.16	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.21	110	2.00	0.837	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.66	111	6.00	0.394	
Total BTEX	<0.300	0.300	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	**224**	16.0	10/02/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	201	100	200	5.15	
DRO >C10-C28*	**101**	10.0	10/02/2024	ND	195	97.5	200	1.16	
EXT DRO >C28-C36	**32.2**	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane *70.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.4 %* *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:	10/01/2024	Sampling Date:	10/01/2024
Reported:	10/02/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442 (VESSEL RELEASE)	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: WSW - 1 (1') (H245965-03)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.09	105	2.00	2.15	
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	1.16	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.21	110	2.00	0.837	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.66	111	6.00	0.394	
Total BTEX	<0.300	0.300	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	**64.0**	16.0	10/02/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	201	100	200	5.15	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	195	97.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane *63.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.7 %* *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:	10/01/2024	Sampling Date:	10/01/2024
Reported:	10/02/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442 (VESSEL RELEASE)	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: SSW - 1 (1') (H245965-04)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.09	105	2.00	2.15	
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	1.16	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.21	110	2.00	0.837	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.66	111	6.00	0.394	
Total BTEX	<0.300	0.300	10/01/2024	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/02/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	201	100	200	5.15	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	195	97.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane *79.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.2 %* *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:	10/01/2024	Sampling Date:	10/01/2024
Reported:	10/02/2024	Sampling Type:	Soil
Project Name:	WILDER CTB TANK OVERFLOW	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03442 (VESSEL RELEASE)	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NM		

Sample ID: SSW - 2 (4') (H245965-05)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.09	105	2.00	2.15	
Toluene*	<0.050	0.050	10/01/2024	ND	2.16	108	2.00	1.16	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.21	110	2.00	0.837	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.66	111	6.00	0.394	
Total BTEX	<0.300	0.300	10/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	10/02/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	201	100	200	5.15	
DRO >C10-C28*	**51.1**	10.0	10/02/2024	ND	195	97.5	200	1.16	
EXT DRO >C28-C36	**12.7**	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.9 %* *49.1-148*

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Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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 1

		BILL TO	
Company Name:	Tetra Tech - Conoco Phillips	P.O. #:	
Project Manager:	Ryan Dickerson	Company:	Tetra Tech
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/Vessel Releases	Phone #:	
Project Location:	Lea Co, NM	Fax #:	
Sampler Name:	Andrew Garcia		

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: 2024 DATE	TIME	TPH	BTEX	Chlorides
H245905																	
1	NSW-1 (1')	C	1			X					X		10/01	0900	X	X	X
2	NSW-2 (2')													1000			
3	WSW-1 (1')													1100			
4	SSW-1 (1')													1200			
5	SSW-2 (4')													1300			

Relinquished By: Andrew Garcia	Date: 10/01/24 Time: 1555	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: Ryan.Dickerson@Tetratech.com
			REMARKS: Andrew.Garcia@Tetratech.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -0.9 Corrected Temp. °C -1.3	Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials) AD	Turnaround Time: Standard ☐ Rush ☑ 24 HR TAT Thermometer ID #113 #113 Correction Factor -0.6°C -0.62

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

FORM-006 R 3.3 07/18/22

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 400122

QUESTIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 400122
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2403967865**
Incident Name	**NAPP2403967865 WILDER FEDERAL CTB @ 0**
Incident Type	**Oil Release**
Incident Status	**Deferral Request 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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 400122
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com Date: 11/06/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 400122
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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.		

Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 400122
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com Date: 11/06/2024
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: 400122
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Interim remedial activities consisted of heavy machinery to remove as much contaminated soil as reasonably possible. The remaining 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. Any additional excavation of the impacted area located within the active battery facility would cause a major facility deconstruction, in addition to creating safety risks associated with excavating near production equipment via aggressive excavation methods (i.e., backhoe/track hoe, excavators, hydraulic hammer, etc.). These interim field activities were completed safely and without any additional unwanted releases to the environment. 19.15.29.13 NMAC will be implemented following abandonment of the tank battery and the associated pipelines and equipment. The area requested for deferral is indicated in Figure 6 and includes the area in the vicinity of assessment sample location SS06 and the area north of sidewall sample NSW-2 (2').
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	12069
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	1788
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	Wilder CTB [fAPP2129429037]
Enter the well API (30-) on which this deferral should be granted	*Not answered.*
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
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: 11/06/2024

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QUESTIONS (continued)

Operator:	OGRID:
CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	217817
	Action Number: 400122
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**386012**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**09/26/2024**
What was the (estimated) number of samples that were to be gathered	**17**
What was the sampling surface area in square feet	**4000**

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: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 400122
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of the areas around SS06 and NSW-2 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	1/3/2025