



November 7, 2022

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

**Re: Closure Report
ConocoPhillips Company
Wilder Central Tank Battery Release
Unit Letter A, Section 29, Township 26 South, Range 32 East
Lea County, New Mexico
Incident ID: NAPP2124238725**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COP) to evaluate a release that occurred from the load line at the Wilder Central Tank Battery (CTB). The release footprint is located in Public Land Survey System (PLSS) Unit Letter A, Section 29, Township 26 South, Range 32 East, in Lea County, New Mexico (Site). The approximate release point is located at coordinates 32.020027°, -103.689341°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release was discovered on August 16, 2021. The release was reported as the result of a leak on the load line at the Wilder CTB. 16.5 barrels (bbls) of produced water were reported released, of which 16.5 bbls were recovered. Based on correspondence with Charles Beauvais, an Environmental Coordinator at COP, 8.3 bbls of storm water were already present in the containment area, of which 8.3 bbls were recovered with the produced water during initial response. The New Mexico Oil Conservation District (NMOCD) received the initial C-141 report form for the release on August 31, 2021. The NMOCD Incident ID for this release is NAPP2124238725.

A closure report was previously submitted for this release by COP on August 19, 2021. The closure report was rejected by NMOCD on September 29, 2021. The reasons for the rejection are as follows:

- *“The liner inspection requires that the gravel be removed, and pictures taken of the clean intact liner in the release.*
- *Also, need a liner inspection report stating that the gravel was removed, and the liner had no rips, tears, or holes.*
- *Please include pictures of clean liner and liner inspection report with the updated report.”*

Since the date of the rejection, COP requested, and was granted, an extension from the NMOCD to March 2, 2022. NMOCD correspondence rejecting the initial closure report and extension correspondence are presented in Appendix B.

PREVIOUS RELEASE INCIDENT

Prior to the NAPP2124238725 incident, a release was discovered at the Wilder CTB on December 10, 2019. The NMOCD Incident ID for the December 2019 release is NRM2002732527. This release occurred due to a gun barrel tank leak. The release was assessed in January and February 2020 by Etech Environmental & Safety Solutions, Inc. (Etech). A Site Assessment Report and Proposed Remediation

Tetra Tech

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

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com

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ConocoPhillips

Workplan was submitted to the NMOCD by Etech. The Remediation Workplan was approved by the Robert Hamlet of the NMOCD via email on June 10, 2020.

Due to the NAPP2124238725 release occurring atop the NRM2002732527 release, the remediation activities to address the incidents were conducted concurrently. A separate closure report has been prepared and submitted to the NMOCD for the NRM2002732527 release.

SITE ASSESSMENT ACTIVITIES AND SAMPLING RESULTS

On February 10, 2022, Tetra Tech personnel were onsite to conduct a soil assessment at the release site. A total of five (5) trenches (T-1 through T-5) were installed using a mini-excavator to define the extents of the release and to assess the extent of impacted soil. T-1 was installed to a depth of 13 feet bgs to delineate the vertical extent of impacted soil. T-2 through T-5 were installed to a depth of 4 feet bgs to delineate the horizontal extent of impacted soil. The Wilder CTB release extent and trench locations are shown on Figure 3. Photographic documentation of the site is included in Appendix C.

A total of twenty-three (23) soil samples were collected from the five (5) trench locations within and surrounding the release extent. These soil samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for TPH by EPA method 8015 modified, BTEX by EPA method 8021B, and chlorides by Standard Method 4500CL-B.

Results from the February 2022 soil sampling event are summarized in Table 1. The analytical results associated with trench location T-1 exceeded the chloride reclamation requirements for soils above 4 feet bgs of 600 mg/kg down to 3 feet bgs. There were no exceedances of Site RRALs for samples collected during the site assessment activities. All analytical results associated with soil samples from T-2 through T-5 were below Site RRALs for chlorides, BTEX, and TPH. Horizontal and vertical delineation was achieved during this assessment.

DEFERRAL REQUEST REJECTION

Based on the results of the site assessment, Tetra Tech, on behalf of COP, submitted a Release Characterization and Deferral Request report to the NMOCD on February 22, 2022 with fee application payment PO Number YHFV7-220222-C-1410. The request for deferral of the remediation of the release area was based on the vicinity of production tanks and piping to the affected area. The Deferral Request was rejected via email by Chad Hensley on Tuesday, March 22, 2022. The following reasoning for rejection of the request for referral was included in the email:

- *“Remediation around T-1 is not complete. Due to high karst area the OCD request further action. The OCD will not defer a release w[h]ere containments can be removed safely. The OCD request that the area around T-1 be remediated to 3ft and OCD will consider the project for closure.”*

A copy of the deferral request rejection email correspondence is included in Appendix B.

REVISED SITE CHARACTERIZATION

As stated in the reasoning above, the rejection was based on the Site being classified as within a high karst potential area. However, based on the latest data provided on the NMOCD Oil and Gas Map (Appendix B), the Site is no longer classified as having high karst potential; therefore, COP requests that the Site RRALs be reevaluated and determined based on depth to groundwater in the vicinity of the Site, as detailed below.

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.

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ConocoPhillips

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no wells with water level data within ½ mile (800 meters) of the Site. 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 feet below ground surface (bgs) with a minimum depth to groundwater of 180 feet bgs. The site characterization data is included in Appendix D.

REVISED REGULATORY FRAMEWORK

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

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

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH	100 mg/kg

SUMMARY OF REMEDIAL ACTIVITIES

From June 15 – August 2, 2022, Tetra Tech personnel were onsite to supervise the remediation activities at the Site, including excavation, disposal, and confirmation sampling. Impacted soils were excavated until a representative sample from the walls and bottom of the excavation had a field screening value inferred as lower than the RRALs for the Site. Prior to confirmation sampling, on June 14, 2022, the NMOCD division district office was notified via email in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix B. Once field screening was completed, confirmation floor and sidewall samples were collected for laboratory analysis to verify that the impacted materials were properly removed. Each confirmation sample laboratory analytical result was directly compared to the proposed RRALs to demonstrate compliance.

In accordance with Subsection D of 19.15.29.12 NMAC, confirmation samples were collected such that each discrete sample (sidewall and floor) were representative of no more than 200 square feet of excavated area. A total of twelve (12) floor sample locations and nine (9) sidewall sample locations were used during the remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas, depths and confirmation sample locations are indicated in Figure 4.

Collected confirmation samples to be submitted for analysis were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal Laboratories in Hobbs, New Mexico. The soil samples were analyzed for TPH (GRO, DRO and ORO) by

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EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

In accordance with comments provided by Mr. Hensley in the deferral request rejection email, confirmation laboratory analytical results, the impacted area was excavated to a maximum depth of 4 feet below pre-release grade. All final confirmation soil samples (floor and sidewall) were below the Site RRALs for chloride, BTEX, and TPH. Additionally, all final confirmation sample results were below reclamation requirements with the exception of FS-13 for chloride (7,040 mg/kg) which is still below new revised Site RRALs. The results of the March 2022 confirmation sampling events are summarized in Table 2.

All the excavated material was transported offsite for proper disposal. Approximately 516 cubic yards of material were transported to the Milestone Orla Landfill facility in Reeves County, Texas during remediation activities to address the NAPP2124238725 and NRM2002732527 releases. Photographs from the excavated areas prior to backfill are provided in Appendix C. Once confirmation sampling activities were completed and associated analytical results were below the RRALs, the excavated areas were backfilled with clean material to surface grade. Copies of the waste manifests are included in Appendix F.

Although analytical results associated with the floor sample locations FS-13 exceeded the reclamation requirements used to complete restoration, the remaining contamination is on a developed pad, fully delineated, and does not pose an imminent risk to human health, the environment, or groundwater. The impacted surface area occurring on the developed pad at the site was remediated to meet the standards of Table I of 19.15.29.12 NMAC.

CONCLUSION

ConocoPhillips has completed remediation at the release site. Per the conditions of the previous NMOCD rejection (remediation around T-1 to 3' bgs) remediation is complete. Based on the confirmation sampling results and remediation activities performed, ConocoPhillips respectfully requests closure of the release. This final closure report details the release characterization and remediation activities and the results of the confirmation sampling. On-site reclamation and restoration will occur once the battery is abandoned, and operations have ceased at this active well pad.

The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation activities for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2861.

Sincerely,
Tetra Tech, Inc.



Ryan C Dickerson
Project Lead



Christian M. Llull, P.G.
Project Manager

cc:
Mr. Sam Widmer, RMR – ConocoPhillips
Mr. Charles Beauvais, GPBU - ConocoPhillips

LIST OF ATTACHMENTS

Figures:

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

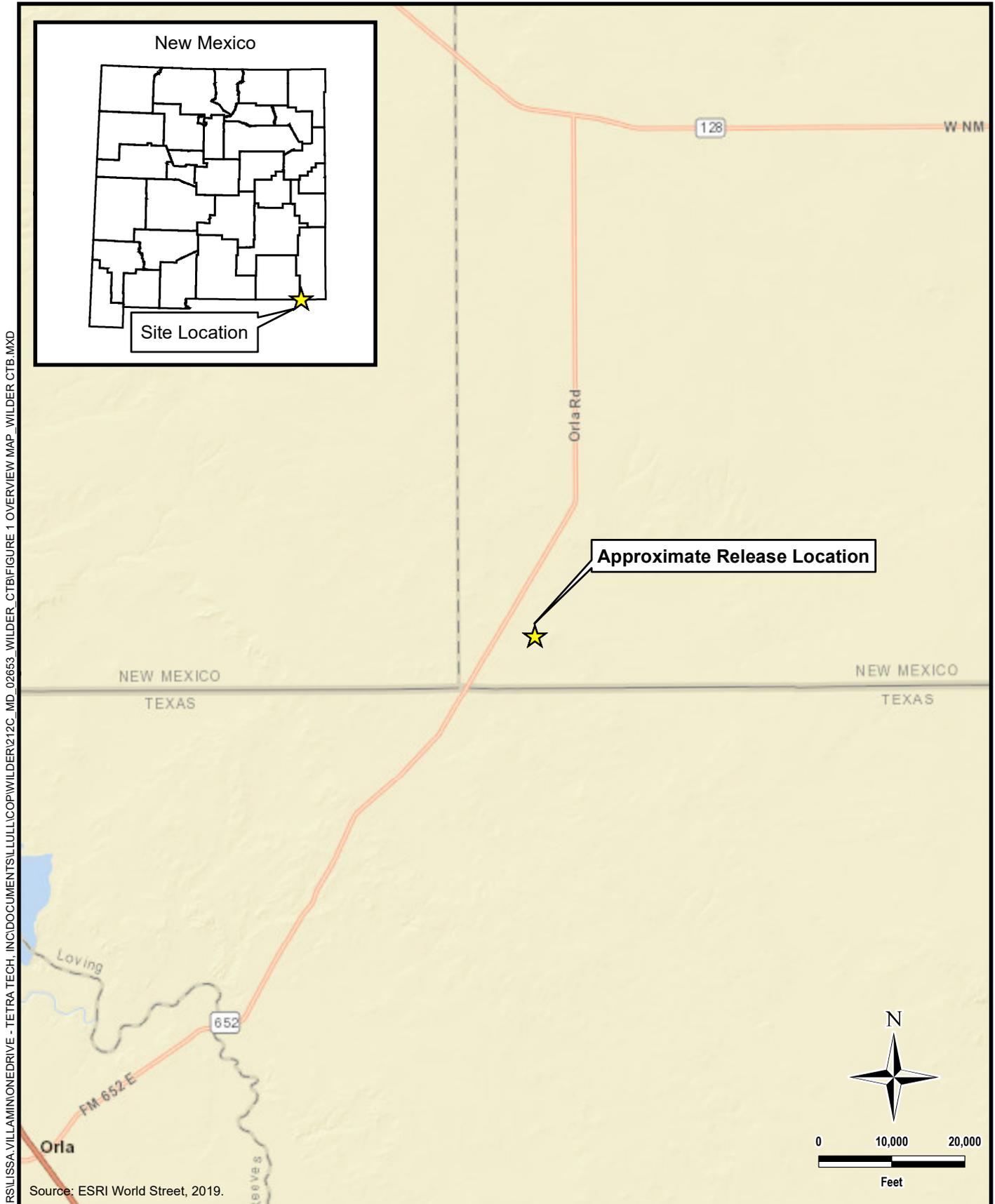
Tables:

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

Appendices:

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

FIGURES



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Source: ESRI World Street, 2019.



TETRA TECH

www.tetratech.com

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

CONOCOPHILLIPS

NAPP2124238725
(32.020043°, -103.689328°)
LEA COUNTY, NEW MEXICO

**WILDER CENTRAL TANK BATTERY RELEASE
OVERVIEW MAP**

PROJECT NO.: 212C-MD-02653

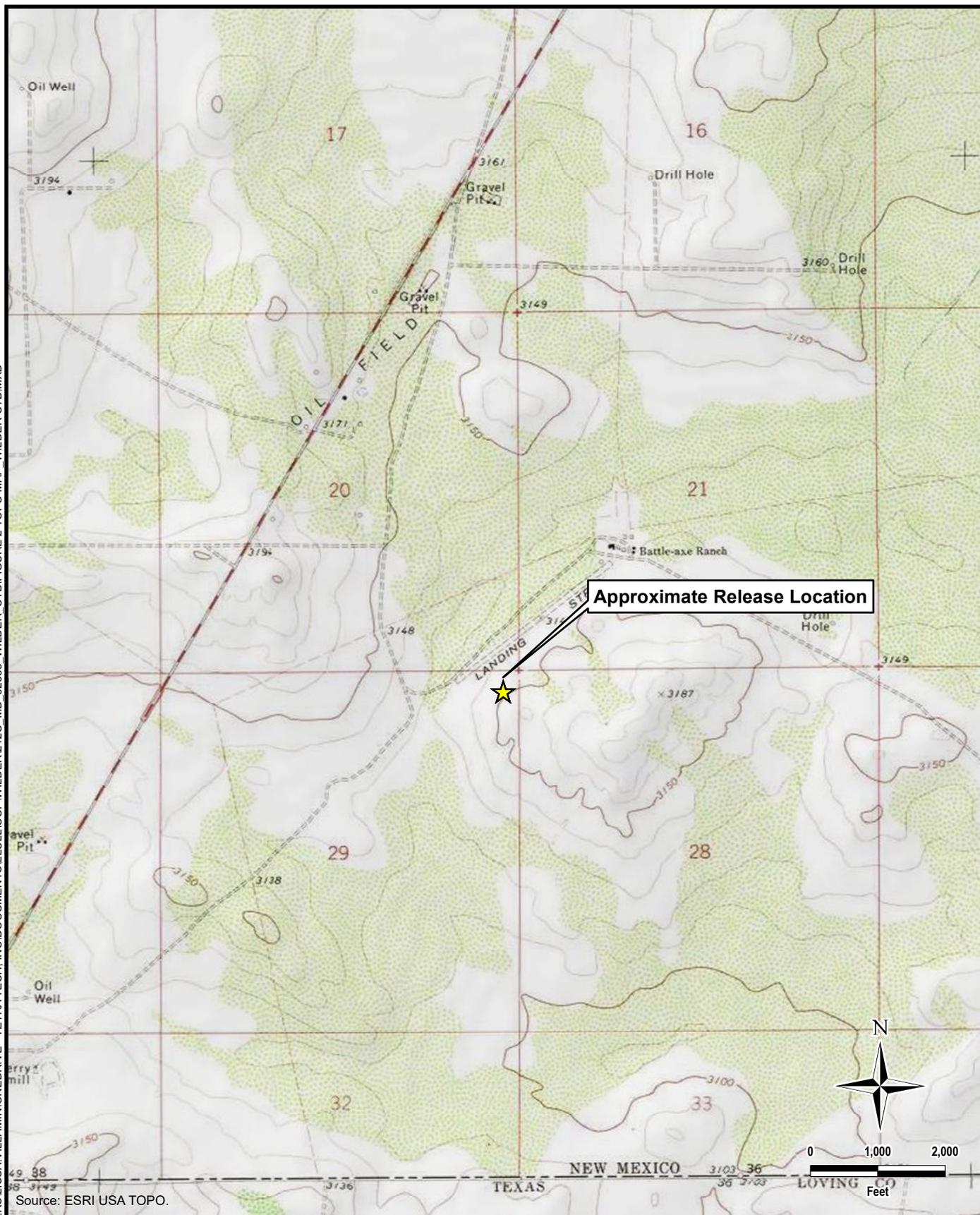
DATE: FEBRUARY 01, 2022

DESIGNED BY: LMV

Figure No.

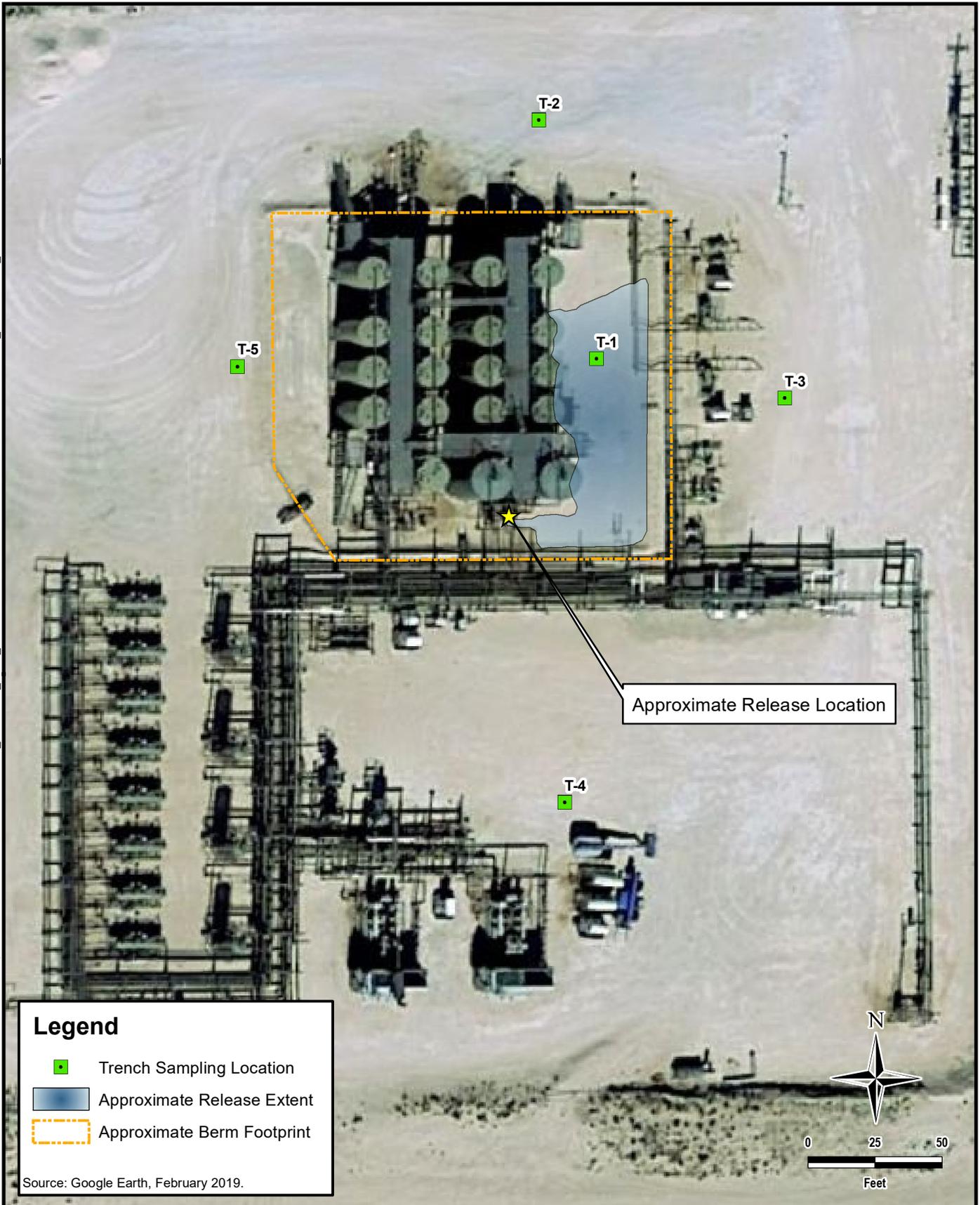
1

DOCUMENT PATH: C:\USERS\ISSA.VILLAMONEDRIVE - TETRA TECH, INC\DOCUMENTS\ILLUSTRATIONS\WILDER\212C_MD_02653_WILDER_CTB\FIGURE 2 TOPO MAP_WILDER_CTB.MXD



 TETRA TECH www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	CONOCOPHILLIPS NAPP2124238725 (32.020043°, -103.689328°) LEA COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-02653 DATE: FEBRUARY 01, 2022 DESIGNED BY: LMV
	WILDER CENTRAL TANK BATTERY RELEASE TOPOGRAPHIC MAP	Figure No. 2

DOCUMENT PATH: C:\USERS\LISSA.VILLAMONEDRIVE - TETRA TECH\INC\DOCUMENTS\LISSA.VILLAMONEDRIVE\WILDER_CENTRAL_TANK_BATTERY\NAPP2124238725\FIGURE 3 SITE ASSESSMENT_WILDER CTB_NAPP2124238725_REPORT.MXD



Legend

- Trench Sampling Location
- Approximate Release Extent
- Approximate Berm Footprint

Source: Google Earth, February 2019.

 <p>TETRA TECH</p> <p>www.tetratech.com</p> <p>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>CONOCOPHILLIPS</p> <p>NAPP2124238725 (32.020043°, -103.689328°) LEA COUNTY, NEW MEXICO</p>	<p>PROJECT NO.: 212C-MD-022653</p> <p>DATE: AUGUST 25, 2022</p> <p>DESIGNED BY: LMV</p>
	<p>WILDER CENTRAL TANK BATTERY RELEASE SITE ASSESSMENT MAP</p>	<p>Figure No. 3</p>

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINONEDRIVE\TETRA TECH\INC\DOCUMENTS\ILLULLICOP\WILDER CENTRAL TANK BATTERY\NAPP2124238725\FIGURE 4 REMEDIATION AND CONFIRMATION_WILDER.CTB_NAPP21238725_REPORT.MXD

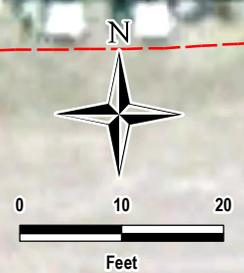


Approximate Release Location

Legend

- Approximate Release Extent
- Excavation Area - 1' BGS
- Excavation Area - 3' BGS
- Excavation Area - 4' BGS
- Approximate Berm Location
- Floor Confirmation Sample Location
- Sidewall Confirmation Sample Location
- Overhead Powerline
- Subsurface Electrical Line
- Raised Transfer Line
- Subsurface Line

BGS: Below Ground Surface
Source: Google Earth, February 2019.



TETRA TECH

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

CONOCOPHILLIPS

NAPP2124238725
(32.020043°, -103.689328°)
LEA COUNTY, NEW MEXICO

**WILDER CENTRAL TANK BATTERY RELEASE
REMEDATION EXTENT AND CONFIRMATION SAMPLE LOCATIONS**

PROJECT NO.: 212C-MD-02653

DATE: AUGUST 25, 2022

DESIGNED BY: LMV

Figure No.

4

TABLES

TABLE 1
 SUMMARY OF ANALYTICAL RESULTS
 SOIL ASSESSMENT- NAPP2124238725
 CONOCOPHILLIPS
 WILDER CTB RELEASE
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth ft. bgs	Field Screening Results Chloride ppm	Chloride ¹ mg/kg Q		BTEX ²										TPH ³							
						Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C ₆ - C ₁₀		DRO > C ₁₀ - C ₂₈		EXT DRO > C ₂₈ - C ₃₆		(GRO+DRO)	Total TPH (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
Closure Criteria for Pasture/Off-Pad Soils 0-4' bgs:				600 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		100 mg/kg	
Closure Criteria for Soils >4' bgs (GW >100 ft):				20,000 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		1000 mg/kg		2500 mg/kg	
T-1	2/10/2022	0-1	3,390	3,160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		2-3	1,660	1,170		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		4-5	526	480		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		6-7	962	752		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		9-10	869	528		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		11-12	541	192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		12-13	482	244		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
T-2	2/10/2022	0-1	471	176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		1-2	554	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		2-3	335	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		3-4	577	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
T-3	2/10/2022	0-1	576	560		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		1-2	192	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		2-3	145	128		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		3-4	119	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
T-4	2/10/2022	0-1	238	112		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		1-2	148	80.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		2-3	133	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		3-4	98.7	64.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
T-5	2/10/2022	0-1	135	48.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		1-2	80.9	32.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		2-3	101	96.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
		3-4	102	32.0		< 0.050	QR-03	< 0.050	QR-03	< 0.050	QR-03	< 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 Site RRALs and/or Reclamation Requirements for soils above 4 feet bgs.

QUALIFIERS:

QR-03

TABLE 2
 SUMMARY OF ANALYTICAL RESULTS
 SOIL REMEDIATION - NAPP2124238725
 CONOCOPHILLIPS
 WILDER CTB RELEASE
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		(GRO+DRO)	Total TPH (GRO+DRO+EXT DRO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q		
					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
Closure Criteria for Pasture/Off-Pad Soils 0-4' bgs:			600 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		100 mg/kg	
Closure Criteria for Soils >4' bgs (GW >100 ft):			20,000 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		1000 mg/kg	2500 mg/kg
FS-2	7/7/2022	1	320		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-3	7/7/2022	3	752		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-3 (4)*	7/14/2022	4	336		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-4	6/24/2022	1	432		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-5	7/7/2022	3	720		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-5 (4)*	7/14/2022	4	400		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-6	7/7/2022	3	336		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-7	6/24/2022	1	320		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-8	7/7/2022	3	448		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-9	6/24/2022	1	256		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-10	7/7/2022	1	368		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-11	6/24/2022	1	512		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-12	7/7/2022	1	528		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
FS-13	7/20/2022	1	7,040		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
NSW-2	7/7/2022	-	464		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
NSW-3	7/7/2022	-	640		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
NWS-3 (3)*	7/14/2022	-	384		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
ESW-1	7/21/2022	-	416		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		39.0		10.1		39.0	49.1
ESW-3	6/24/2022	-	352		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
ESW-4	6/24/2022	-	304		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
SSW-1	7/14/2022	-	320		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
WSW-1	7/7/2022	-	576		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
WSW-2	7/7/2022	-	640		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
WSW-2 (1)*	7/14/2022	-	352		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
WSW-3	7/20/2022	-	6,080		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-
WSW-3 (4)*	7/22/2022	-	256		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-	-

NOTES:

- ft. Feet
- bgs Below ground surface
- ppm Parts per million
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500C1-B
- 2 Method 8021B
- 3 Method 8015M

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:

GCNC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.

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	NAPP2124238725
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party – Conoco Phillips Company	OGRID 217817
Contact Name – Charles R. Beauvais II	Contact Telephone 575-988-2043
Contact email – charles.r.beauvais@conocophillips.com	Incident # (assigned by OCD) NAPP2124238725
Contact mailing address – 15 W London Rd, Loving, NM 88256	

Location of Release Source

Latitude 32.020190 _____ Longitude -103.689256 (NAD 83 in decimal degrees to 5 decimal places)

Site Name – Wilder	Site Type Tank Battery
Date Release Discovered – 08/16/2021	API# (if applicable) N/A

Unit Letter	Section	Township	Range	County
A	29	26 South	32 East	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Total Volume Released (bbls) -16.5	Volume Recovered (bbls) = 16.5
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe)	Volume/Weight Released (provide units) – 8.3 bbls Rainwater	Volume/Weight Recovered (provide units) 8.3 Rainwater

Cause of Release
Leak on load line at tank battery

Incident ID	NAPP2124238725
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? NA, Not a Major Release
---	---

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
 Notice was made by Charles Beauvais, Environmental Coordinator, at 3:30PM, on 9/11/2020 via email to Bradford.billings@state.nm. Also, an online submittal with payment for submittals was made to NMOCD.

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: Charles Beauvais Title: Environmental Coordinator
 Signature: Charles R. Beauvais 99 Date: 08/19/2021
 email: charles.r.beauvais@conocophillips.com Telephone: 575-988-2043

OCD Only
 Received by: Ramona Marcus Date: 8/31/2021

L48 Spill Volume Estimate Form												
Facility Name & Number:		Wilder										
Asset Area:		Zia Hills										
Release Discovery Date & Time:		8/16/2021										
Release Type:		Other										
Provide any known details about the event:		Release type was 16.5 barrels Produced Water and 8.3 Barrels Rain Water										
Spill Calculation - On Pad Surface Pool Spill												
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated Pool Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	54.0	18.0	2.00	4	972.000	0.042	7.209	0.002	7.224			
Rectangle B	75.0	12.0	1.75	4	900.000	0.036	5.841	0.002	5.851			
Rectangle C	78.0	27.0	1.50	4	2106.000	0.031	11.715	0.002	11.733			
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Total Volume Release:									24.808			

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

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

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

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

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

CONDITIONS
 Action 45139

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 45139
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	8/31/2021

Incident ID	NAPP2124238725
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Incident ID	NAPP2124238725
District RP	
Facility ID	
Application ID	

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

Printed Name: Sam widmer Title: Principal Program Manager
 Signature: *Sam Widmer* Date: Nov-04-2022
 email: Sam.widmer@conocophillips.com Telephone: 281-206-5298

OCD Only

Received by: Jocelyn Harimon Date: 11/08/2022

Incident ID	NAPP2124238725
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Sam Widmer Title: Principal Program Manager
DocuSigned by:
Signature:  Date: Nov-04-2022
5454CA5BAD33498...
email: Sam.widmer@conocophillips.com Telephone: 281-206-5298

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: 12/02/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

APPENDIX B

Regulatory Correspondence

From: [Beauvais, Charles R](#)
To: [Lull, Christian](#)
Cc: [Abbott, Sam](#)
Subject: FW: [External] The Oil Conservation Division (OCD) has rejected the application, Application ID: 45180
Date: Tuesday, October 05, 2021 9:12:37 AM
Attachments: [\(Closure Report\) Wilder \(NAPP2124238725\) 08-16-2021.pdf](#)

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

FYI. For a later discussion.

From: Esparza, Brittany <Brittany.Esparza@conocophillips.com>
Sent: Thursday, September 30, 2021 8:12 AM
To: Beauvais, Charles R <Charles.R.Beauvais@conocophillips.com>
Cc: Gonzalez, Jessika L <Jessika.L.Gonzalez@conocophillips.com>
Subject: FW: [External] The Oil Conservation Division (OCD) has rejected the application, Application ID: 45180

Charles,

The Closure Report for the Wilder Federal CTB (08-16-2021) was denied by the OCD for the reasons listed below.

I attached the Closure Report that was submitted.

Thank you,

Brittany N. Esparza

Brittany N. Esparza | Environmental Technician, Permian | **ConocoPhillips**

O: 432-221-0398 | **C:** 432-349-1911 | 3CC-2064 Midland, Texas

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, September 29, 2021 12:31 PM
To: besparza@concho.com
Subject: [External] The Oil Conservation Division (OCD) has rejected the application, Application ID: 45180

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**** External email. Use caution. ****

To whom it may concern (c/o Brittany Esparza for COG OPERATING LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2124238725,

for the following reasons:

- **The liner inspection requires that the gravel be removed, and pictures taken of the clean intact liner in the release.**
- **Also, need a liner inspection report stating that the gravel was removed, and the liner had no rips, tears, or holes.**
- **Please include pictures of clean liner and liner inspection report with the updated report.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 45180.

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

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

Thank you,
Chad Hensley
Environmental Science & Specialist
575-703-1723
Chad.Hensley@state.nm.us

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

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From: [Hamlet, Robert, EMNRD](#)
To: [Esparza, Brittany](#)
Cc: [Gonzalez, Jessika L](#); [Beauvais, Charles R](#); [Bratcher, Mike, EMNRD](#); [Hensley, Chad, EMNRD](#); [Velez, Nelson, EMNRD](#)
Subject: (Extension Approval) Wilder Federal CTB (NAPP2124238725) 08-16-2021
Date: Friday, December 3, 2021 11:13:00 AM

RE: Incident #**NAPP2124238725**

Brittany,

Your request for an extension to **March 2nd, 2022** is approved.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Esparza, Brittany <Brittany.Esparza@conocophillips.com>
Sent: Tuesday, November 30, 2021 8:04 AM
To: EMNRD-OCD-District1spills <EMNRD-OCD-District1spills@state.nm.us>
Cc: Gonzalez, Jessika L <Jessika.L.Gonzalez@conocophillips.com>; Esparza, Brittany <Brittany.Esparza@conocophillips.com>; Beauvais, Charles R <Charles.R.Beauvais@conocophillips.com>
Subject: [EXTERNAL] (Extension Request #1) Wilder Federal CTB (NAPP2124238725) 08-16-2021

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To Whom it May Concern,

Due to Closure Report being denied by the NMPCD. Conoco Phillips is requesting a three-month extension until March 2, 2022 in order re-asses and perform Remediation.

Please let me know if you have any questions or concerns.

Thank you,

Brittany N. Esparza

Brittany N. Esparza | Environmental Technician, Permian | **ConocoPhillips**

O: 432-221-0398 | **C:** 432-349-1911 | 3CC-2064 Midland, Texas

Dickerson, Ryan

From: Llull, Christian
Sent: Tuesday, August 23, 2022 2:04 PM
To: Dickerson, Ryan
Cc: Poole, Nicholas
Subject: FW: The Oil Conservation Division (OCD) has rejected the application, Application ID: 83106

FYi

Christian

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, March 22, 2022 10:01 AM
To: Llull, Christian <Christian.Llull@tetrattech.com>
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 83106

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

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

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2124238725, for the following reasons:

- **Remediation around T-1 is not complete. Due to high Karst area the OCD request further action. The OCD will not defer a release were containments can be removed safely. The OCD request that the area around T-1 be remediated to 3ft bgs and OCD will consider the project for closure.**
- **Closure report due 05/22/2022.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 83106. Please review and make the required correction(s) prior to resubmitting.

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

Thank you,
Chad Hensley
Environmental Science & Specialist
575-703-1723
Chad.Hensley@state.nm.us

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

Poole, Nicholas

From: Poole, Nicholas
Sent: Tuesday, June 14, 2022 6:10 PM
To: 'ocd.enviro@state.nm.us'
Cc: 'Hamlet, Robert, EMNRD'; Llull, Christian; Dickerson, Ryan
Subject: Incident ID: NAPP2124238725- Confirmation Sampling

Incident ID (n#) **NAPP2124238725** (Wilder CTB Release)

To whom it may concern,

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

Remediation activities are beginning at the site this week.

Thus, on behalf of ConocoPhillips for the above referenced incident, Tetra Tech is duly providing this communication which serves as notification that final confirmation sampling will be conducted at this site from June 24 through June 30 and July 5 through July 15, 2022.

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

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

Tetra Tech | *Leading with Science*[®] | OGA
8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetrattech.com

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APPENDIX C

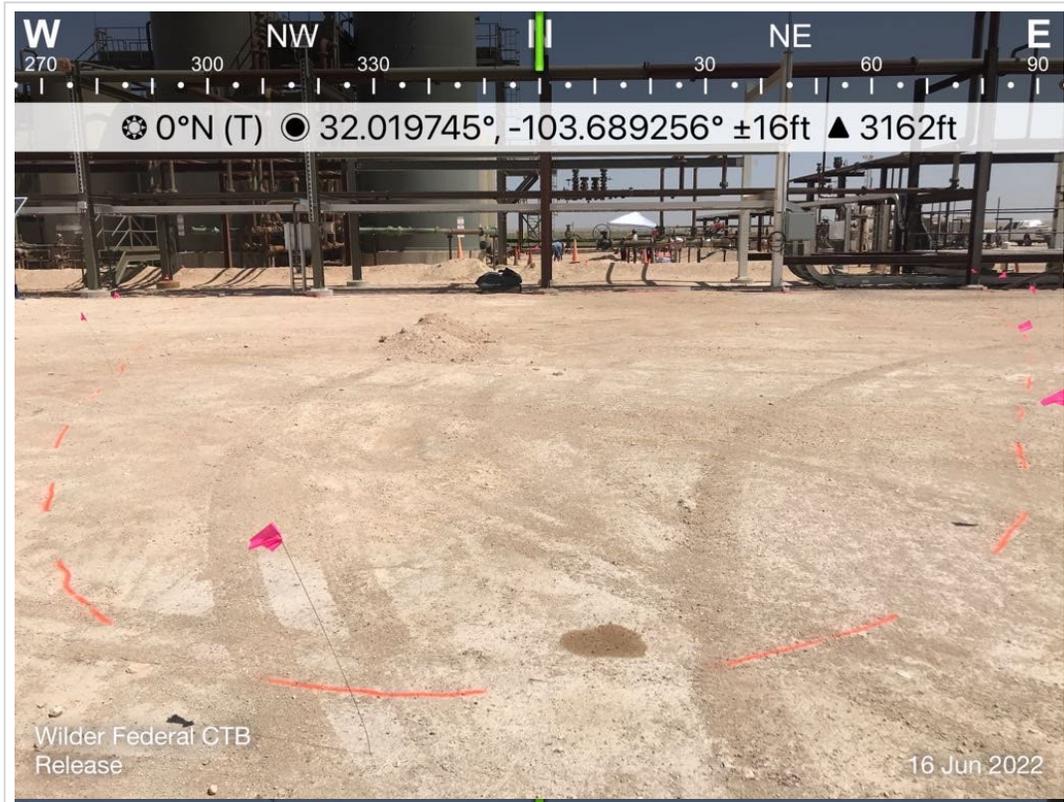
Photographic Documentation



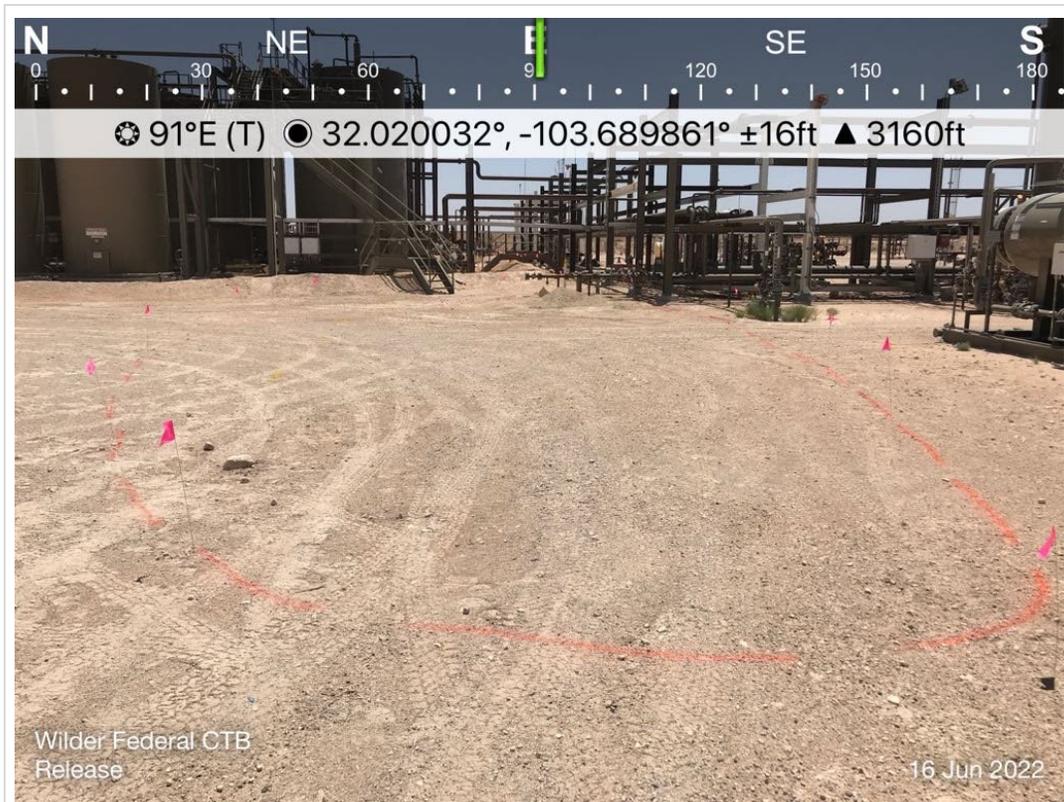
TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	Site Signage and location information. Wilder Federal CTB Unit A. Sec. 29-T26S-R32E	1
	SITE NAME	ConocoPhillips Wilder CTB	06/15/2022



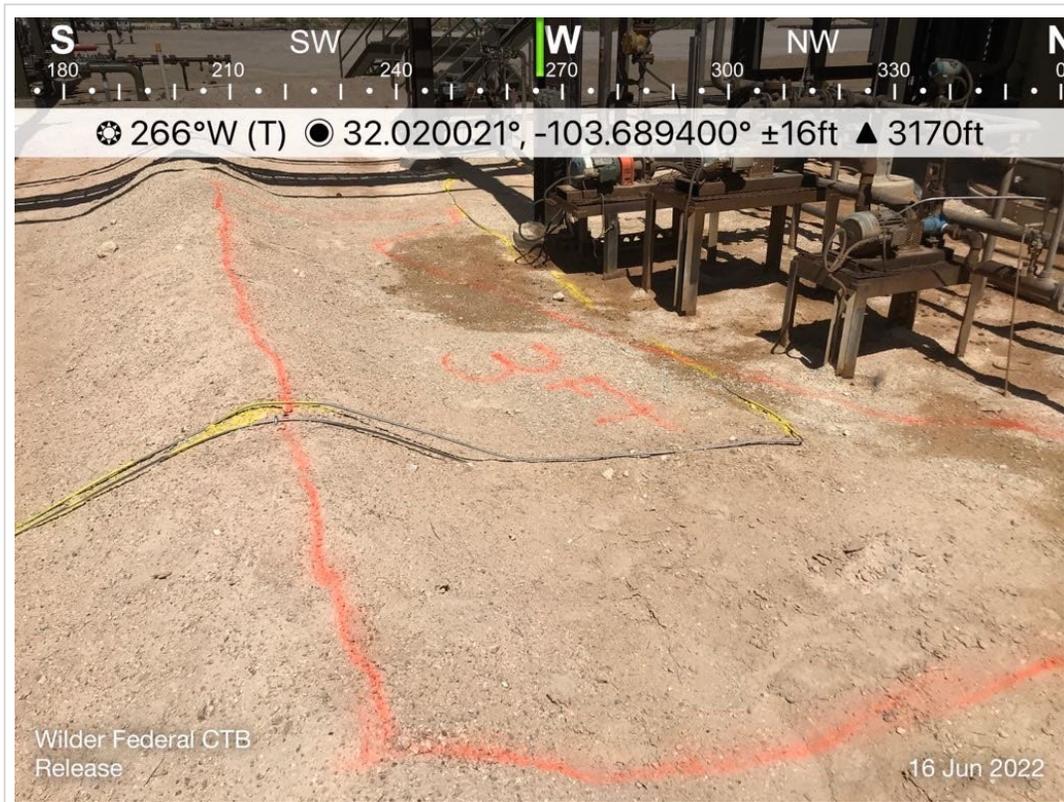
TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View north. Impacted area inside the battery berm, prior to remediation.	2
	SITE NAME	ConocoPhillips Wilder CTB	06/16/2022



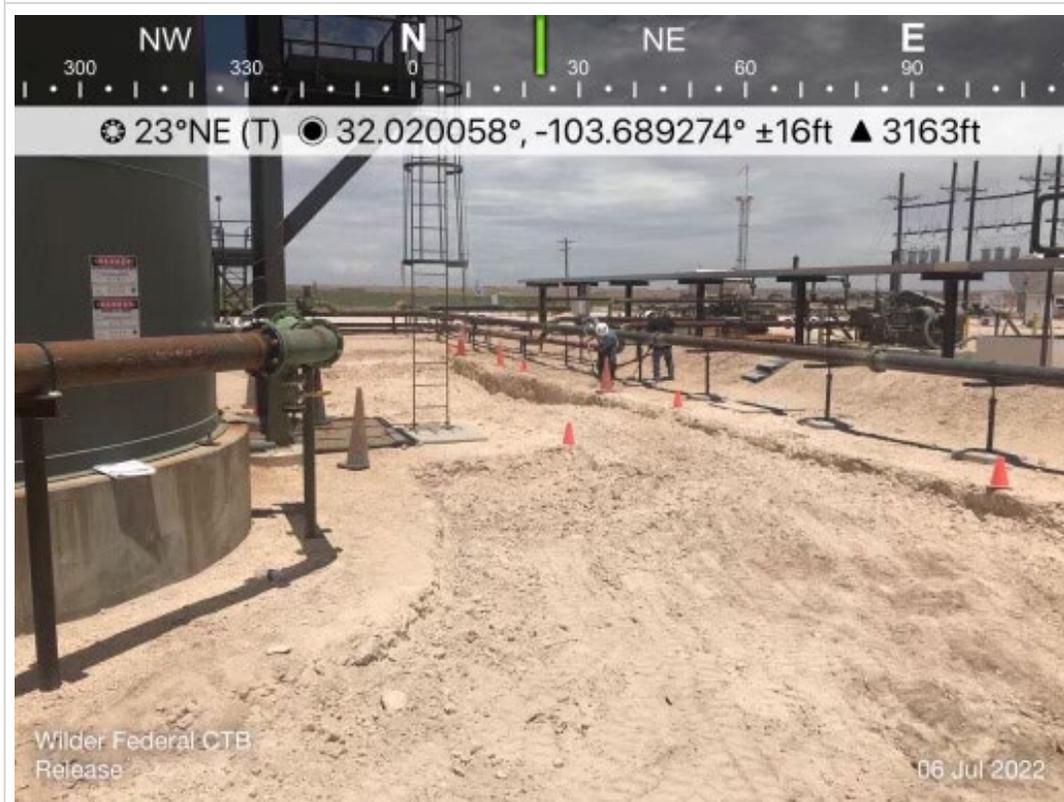
TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View north. Impacted area south of the battery berm, prior to remediation.	3
	SITE NAME	ConocoPhillips Wilder CTB	06/16/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View east. Impacted area east of the battery berm, prior to remediation.	4
	SITE NAME	ConocoPhillips Wilder CTB	06/16/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View west. Impacted area south of the tanks inside the battery berm, prior to remediation.	5
	SITE NAME	ConocoPhillips Wilder CTB	06/16/2022



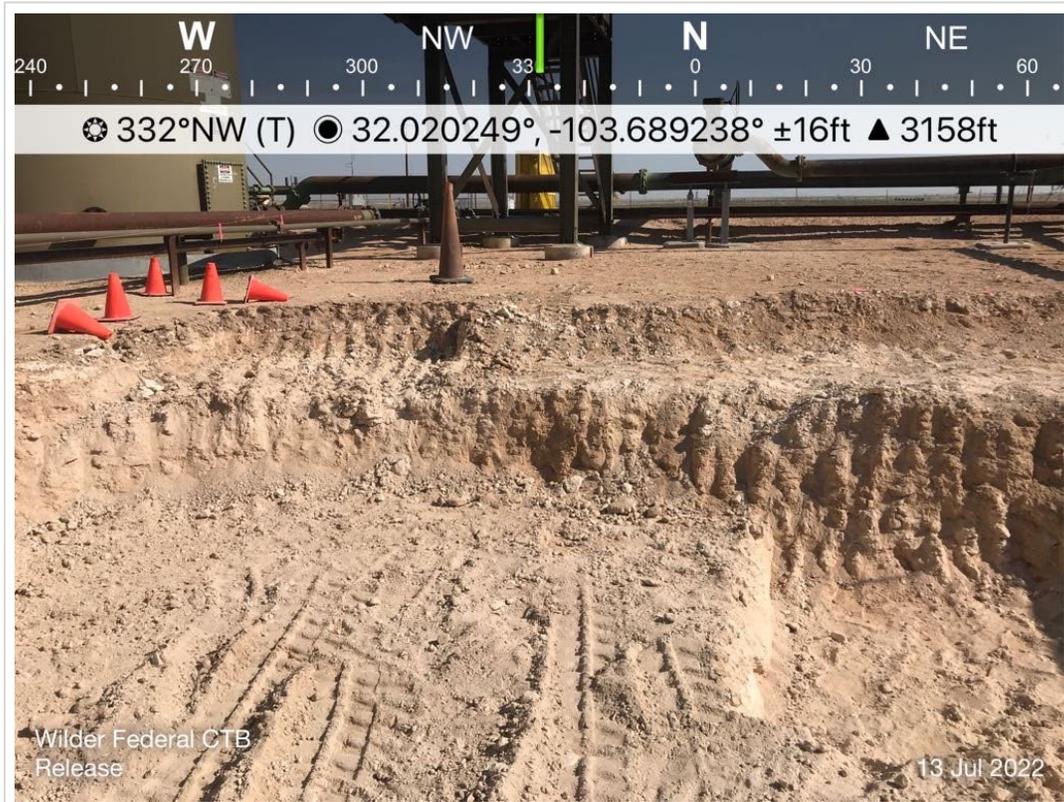
TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View north northwest. Excavated area inside the battery berm.	6
	SITE NAME	ConocoPhillips Wilder CTB	07/06/2022



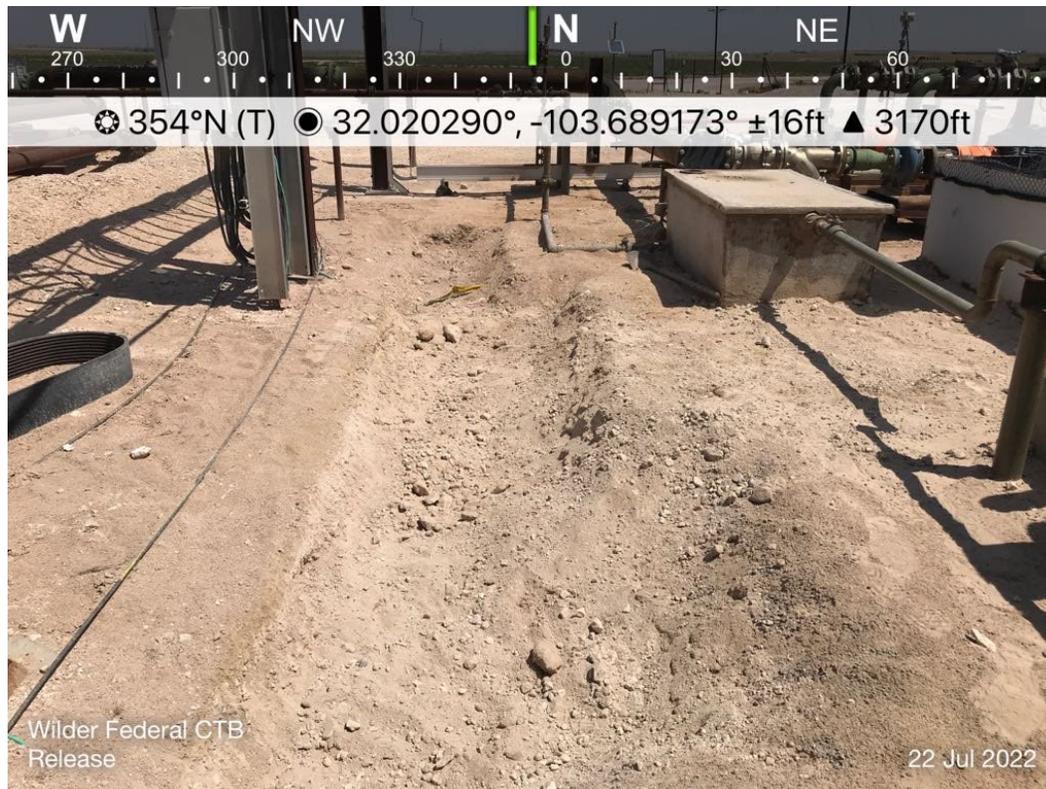
TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View southeast. Excavated area inside the battery berm, 3 ft to 4 ft BGS	7
	SITE NAME	ConocoPhillips Wilder CTB	07/06/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View north. Excavated area inside the battery berm, 4 ft BGS.	8
	SITE NAME	ConocoPhillips Wilder CTB	07/13/2022



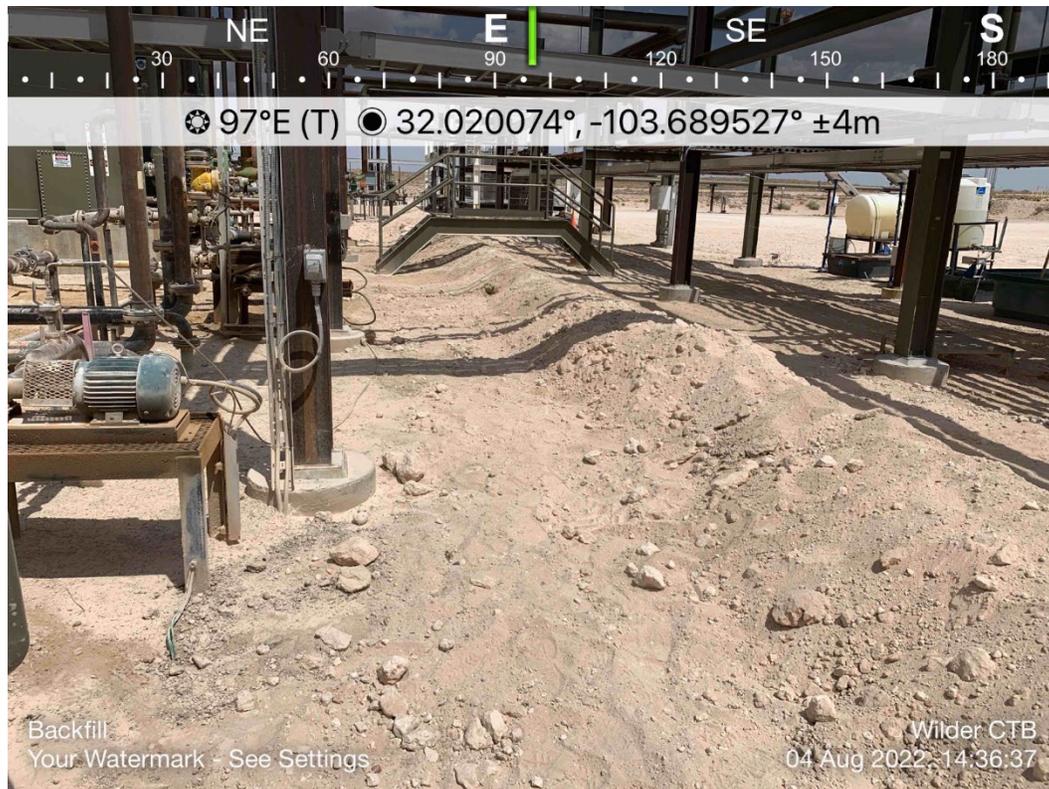
TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View north. Excavated area east of the tanks, 3-4 ft BGS.	9
	SITE NAME	ConocoPhillips Wilder CTB	07/13/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View north. Excavated area south of the tanks, 1 ft. BGS.	10
	SITE NAME	ConocoPhillips Wilder CTB	07/22/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View north. Backfilled area inside the battery berm.	11
	SITE NAME	ConocoPhillips Wilder CTB	08/04/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02653	DESCRIPTION	View east. Backfilled area south of the tanks inside the battery berm.	12
	SITE NAME	ConocoPhillips Wilder CTB	08/04/2022

APPENDIX D

Revised Site Characterization Data



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

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03537 POD1	CUB	LE		3	2	3	21	26S	32E	624250	3543985	748	850		
C 02271 POD2	CUB	LE		3	2	3	21	26S	32E	624348	3544010*	831	270	250	20
C 02323	C	LE		3	2	3	21	26S	32E	624348	3544010*	831	405	405	0
C 03595 POD1	CUB	LE		4	2	3	21	26S	32E	624423	3544045	909	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): 623776.59

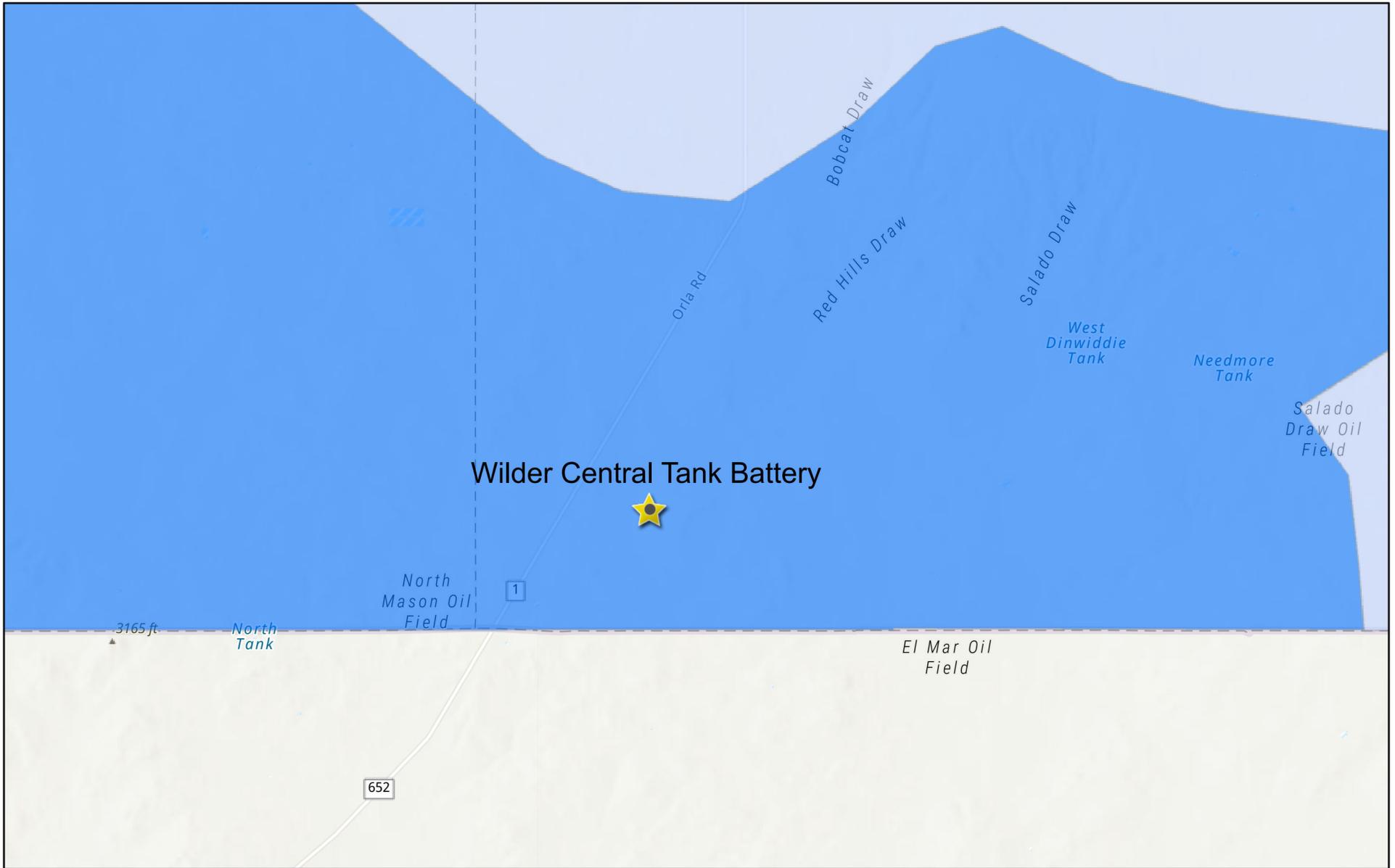
Northing (Y): 3543406.25

Radius: 950

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Wilder CTB Release - NMOCD Karst Potential



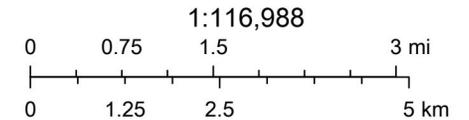
8/23/2022, 2:03:00 PM



Override 1

Karst Occurrence Potential Low

Medium

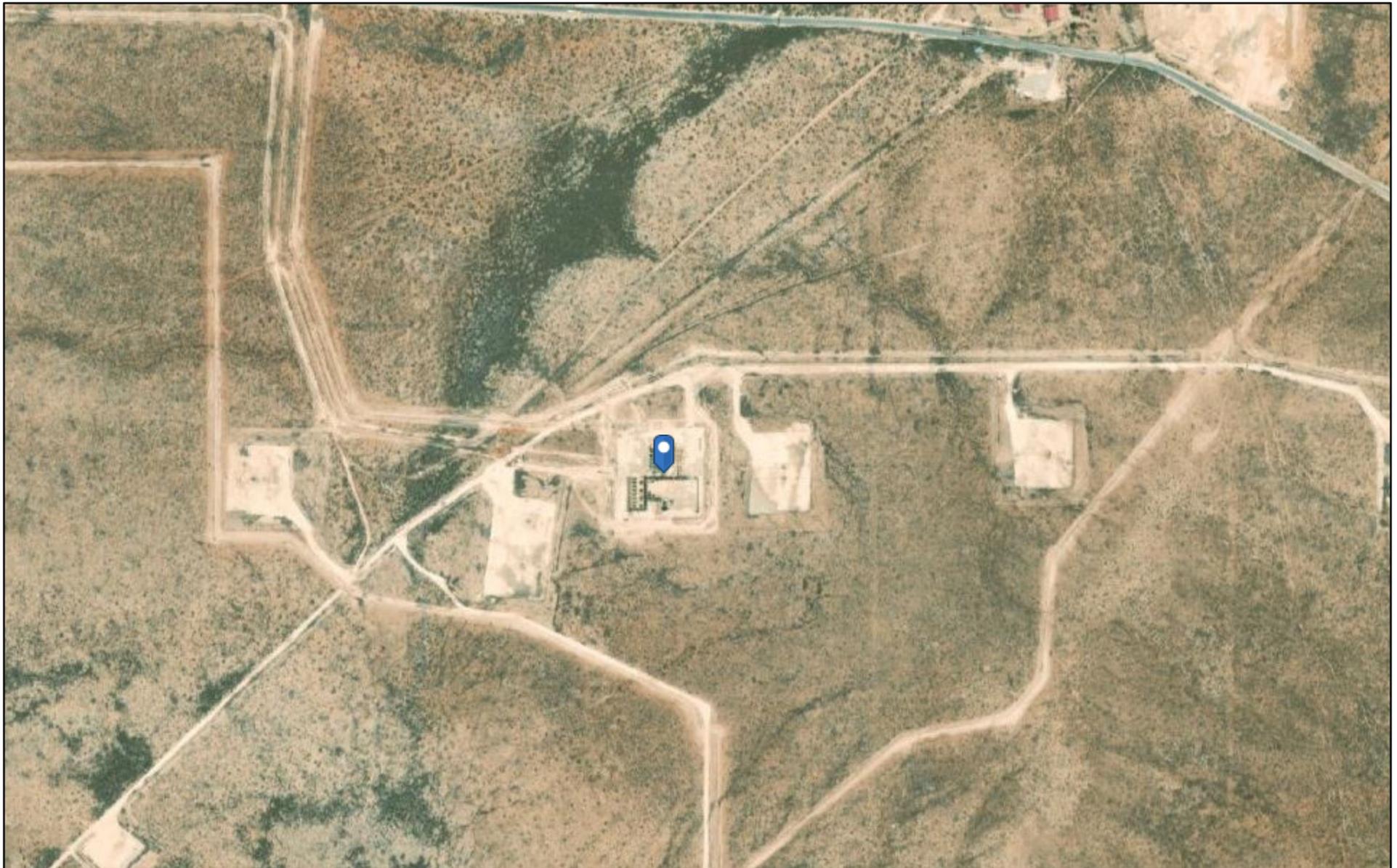


BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc.

New Mexico Oil Conservation Division

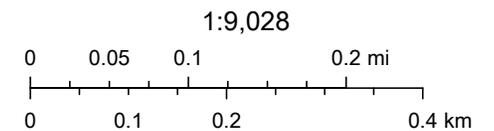
NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

OCD Water Bodies



12/28/2021, 4:19:32 PM

- ★ OCD District Offices
- PLJV Probable Playas
- OSE Water-bodies
- OSE Streams



OCD, Esri, HERE, Garmin, iPC, Maxar

APPENDIX E

Laboratory Analytical Data



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

June 27, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CTB WILDER

Enclosed are the results of analyses for samples received by the laboratory on 06/24/22 13:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	CTB WILDER	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: FS - 4 (H222719-01)

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	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/27/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2022	ND	187	93.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	200	100	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					

Surrogate: 1-Chlorooctane 131 % 43-149

Surrogate: 1-Chlorooctadecane 158 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	CTB WILDER	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: FS - 7 (H222719-02)

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	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/27/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2022	ND	187	93.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	200	100	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					

Surrogate: 1-Chlorooctane 116 % 43-149

Surrogate: 1-Chlorooctadecane 140 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	CTB WILDER	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: FS - 9 (H222719-03)

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	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/27/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2022	ND	187	93.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	200	100	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					

Surrogate: 1-Chlorooctane 118 % 43-149

Surrogate: 1-Chlorooctadecane 143 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	CTB WILDER	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: FS - 11 (H222719-04)

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	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	06/27/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2022	ND	187	93.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	200	100	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					

Surrogate: 1-Chlorooctane 116 % 43-149

Surrogate: 1-Chlorooctadecane 139 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	CTB WILDER	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: ESW - 3 (H222719-05)

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	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	06/27/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2022	ND	187	93.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	200	100	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					

Surrogate: 1-Chlorooctane 110 % 43-149

Surrogate: 1-Chlorooctadecane 134 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	CTB WILDER	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: ESW - 4 (H222719-06)

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	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/27/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2022	ND	187	93.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	200	100	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					

Surrogate: 1-Chlorooctane 116 % 43-149

Surrogate: 1-Chlorooctadecane 133 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

July 11, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/08/22 13:42.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 2 (H222942-01)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8	
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6	
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND					

Surrogate: 1-Chlorooctane 109 % 43-149

Surrogate: 1-Chlorooctadecane 118 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 3 (H222942-02)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8	
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6	
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND					

Surrogate: 1-Chlorooctane 134 % 43-149

Surrogate: 1-Chlorooctadecane 147 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 5 (H222942-03)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8	
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6	
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND					

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 114 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 6 (H222942-04)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8	
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6	
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND					

Surrogate: 1-Chlorooctane 113 % 43-149

Surrogate: 1-Chlorooctadecane 124 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 8 (H222942-05)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8	
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6	
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND					

Surrogate: 1-Chlorooctane 121 % 43-149

Surrogate: 1-Chlorooctadecane 132 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 10 (H222942-06)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8	
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6	
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND					

Surrogate: 1-Chlorooctane 124 % 43-149

Surrogate: 1-Chlorooctadecane 135 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 12 (H222942-07)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8	
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6	
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND					

Surrogate: 1-Chlorooctane 133 % 43-149

Surrogate: 1-Chlorooctadecane 145 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: NSW - 2 (H222942-08)

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	07/08/2022	ND	2.09	104	2.00	0.562		
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95		
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15		
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87		
Total BTEX	<0.300	0.300	07/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8		
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6		
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND						

Surrogate: 1-Chlorooctane 101 % 43-149

Surrogate: 1-Chlorooctadecane 114 % 42.5-161

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: NSW - 3 (H222942-09)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8	
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6	
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND					

Surrogate: 1-Chlorooctane 103 % 43-149

Surrogate: 1-Chlorooctadecane 113 % 42.5-161

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 1 (H222942-10)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8	
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6	
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2022	Sampling Date:	07/07/2022
Reported:	07/11/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 2 (H222942-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2022	ND	2.09	104	2.00	0.562		
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95		
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15		
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87		
Total BTEX	<0.300	0.300	07/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	07/11/2022	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	07/08/2022	ND	191	95.5	200	21.8		
DRO >C10-C28*	<10.0	10.0	07/08/2022	ND	183	91.5	200	19.6		
EXT DRO >C28-C36	<10.0	10.0	07/08/2022	ND						

Surrogate: 1-Chlorooctane 98.5 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name: **CONOCO Phillips**
Project Manager: **Christen Livitt**
Address:
City:
Phone #:
Project #: **212E-MD-02E53**
Project Name: **Wilder CRB Release**
Project Location: **Lea County, NM**
Sampler Name: **Andrew Garcia**

P.O. #:
Company:
Attn:
Address:
City:
State:
Phone #:
Zip:

ANALYSIS REQUEST

Lab I.D. **H222948**
Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TESTS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	FS-2		5								7/8/22	915	X	BT EX
2	FS-3		5								7/8/22	930	X	TPH
3	FS-5		5								7/8/22	1015	X	Chloride 4500
4	FS-6		5								7/8/22	1030		
5	FS-10		5								7/8/22	1045		
6	FS-12		5								7/8/22	1100		
7	NSM-2		5								7/8/22	1115		
8	NSM-3		5								7/8/22	1115		
9	NSM-1		5								7/8/22	1115		

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Acquired By: **Andrew Garcia**
Date: **7-8-22**
Time: **1342**
Received By: **Christen Livitt**

Observed Temp. °C: **5.9**
Corrected Temp. °C: **5.4**
Sample Condition: Cool Intact
Checked By: **T.D.**

Turnaround Time: **Standard**
Thermometer ID #113
Correction Factor -0.5°C
Bacteria (only) Sample Condition: Yes No
Cool Intact: Yes No
Observed Temp. °C:
Corrected Temp. °C:

REMARKS: **Christen Livitt@retrotech.com**



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

BILL TO

ANALYSIS REQUEST

Company Name: **Colesey Phillips**
 Project Manager: **Christen Hill**
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: **28CMB02153** Project Owner: _____
 Project Name: **Wilder-2B**
 Project Location: **Los Comany, NM**
 Sampler Name: **Andrew Gorton**

P.O. #: _____
 Company: _____
 Attn: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	X	X	X
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
H222942	WSW-2	G	1			X					2022	July 7	1130	X	X	X

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Relinquished By: **Andrew Gorton**
 Date: **7-8-22**
 Time: **1342**
 Received By: **Jessica Williams**
 Date: _____
 Time: _____

Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:
 Observed Temp. °C: **5.9**
 Corrected Temp. °C: **5.4**
 Sample Condition: Cool Intact
 Checked By: **JD**
 Turnaround Time: **Standard** **Rush**
 Thermometer ID #113 **24HR**
 Correction Factor -0.5°C
 Bacteria (only) Sample Condition: Cool Intact
 Corrected Temp. °C



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

July 15, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB REMEDIATION

Enclosed are the results of analyses for samples received by the laboratory on 07/14/22 15:01.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: FS - 3 (4') (H223062-01)

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	07/15/2022	ND	2.15	107	2.00	6.40		
Toluene*	<0.050	0.050	07/15/2022	ND	2.21	110	2.00	6.02		
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.25	112	2.00	6.20		
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.89	115	6.00	6.22		
Total BTEX	<0.300	0.300	07/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	07/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0		
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4		
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND						

Surrogate: 1-Chlorooctane 78.6 % 43-149

Surrogate: 1-Chlorooctadecane 93.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: FS - 5 (4') (H223062-02)

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	07/15/2022	ND	2.15	107	2.00	6.40	
Toluene*	<0.050	0.050	07/15/2022	ND	2.21	110	2.00	6.02	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.25	112	2.00	6.20	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.89	115	6.00	6.22	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	07/15/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 73.7 % 43-149

Surrogate: 1-Chlorooctadecane 83.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: FS - 16 (H223062-03)

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	07/15/2022	ND	2.15	107	2.00	6.40	
Toluene*	<0.050	0.050	07/15/2022	ND	2.21	110	2.00	6.02	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.25	112	2.00	6.20	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.89	115	6.00	6.22	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 70.7 % 43-149

Surrogate: 1-Chlorooctadecane 78.9 % 42.5-161

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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: FS - 17 (H223062-04)

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	07/15/2022	ND	2.15	107	2.00	6.40	
Toluene*	0.050	0.050	07/15/2022	ND	2.21	110	2.00	6.02	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.25	112	2.00	6.20	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.89	115	6.00	6.22	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 69.3 % 43-149

Surrogate: 1-Chlorooctadecane 76.8 % 42.5-161

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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: FS - 18 (H223062-05)

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	07/15/2022	ND	2.15	107	2.00	6.40	
Toluene*	<0.050	0.050	07/15/2022	ND	2.21	110	2.00	6.02	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.25	112	2.00	6.20	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.89	115	6.00	6.22	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 73.9 % 43-149

Surrogate: 1-Chlorooctadecane 83.8 % 42.5-161

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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: NSW - 3 (3') (H223062-06)

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	07/15/2022	ND	2.08	104	2.00	0.575	
Toluene*	<0.050	0.050	07/15/2022	ND	2.14	107	2.00	0.741	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.18	109	2.00	0.971	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.66	111	6.00	0.853	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 63.0 % 43-149

Surrogate: 1-Chlorooctadecane 74.7 % 42.5-161

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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: NSW - 6 (H223062-07)

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	07/15/2022	ND	2.08	104	2.00	0.575	
Toluene*	<0.050	0.050	07/15/2022	ND	2.14	107	2.00	0.741	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.18	109	2.00	0.971	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.66	111	6.00	0.853	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 69.0 % 43-149

Surrogate: 1-Chlorooctadecane 78.4 % 42.5-161

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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: WSW - 2 (1') (H223062-08)

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	07/15/2022	ND	2.08	104	2.00	0.575	
Toluene*	<0.050	0.050	07/15/2022	ND	2.14	107	2.00	0.741	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.18	109	2.00	0.971	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.66	111	6.00	0.853	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 66.4 % 43-149

Surrogate: 1-Chlorooctadecane 75.2 % 42.5-161

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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: WSW - 4 (H223062-09)

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	07/15/2022	ND	2.08	104	2.00	0.575	
Toluene*	<0.050	0.050	07/15/2022	ND	2.14	107	2.00	0.741	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.18	109	2.00	0.971	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.66	111	6.00	0.853	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 72.5 % 43-149

Surrogate: 1-Chlorooctadecane 82.2 % 42.5-161

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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: SSW - 1 (H223062-10)

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	07/15/2022	ND	2.08	104	2.00	0.575	
Toluene*	<0.050	0.050	07/15/2022	ND	2.14	107	2.00	0.741	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.18	109	2.00	0.971	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.66	111	6.00	0.853	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 67.6 % 43-149

Surrogate: 1-Chlorooctadecane 77.0 % 42.5-161

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Analytical Results For:

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

Received:	07/14/2022	Sampling Date:	07/14/2022
Reported:	07/15/2022	Sampling Type:	Soil
Project Name:	WILDER CTB REMEDIATION	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02653	Sample Received By:	Shalyn Rodriguez
Project Location:	COP- LEA COUNTY, NM		

Sample ID: SSW - 5 (H223062-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2022	ND	2.08	104	2.00	0.575	
Toluene*	<0.050	0.050	07/15/2022	ND	2.14	107	2.00	0.741	
Ethylbenzene*	<0.050	0.050	07/15/2022	ND	2.18	109	2.00	0.971	
Total Xylenes*	<0.150	0.150	07/15/2022	ND	6.66	111	6.00	0.853	
Total BTEX	<0.300	0.300	07/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2022	ND	184	91.9	200	20.0	
DRO >C10-C28*	<10.0	10.0	07/15/2022	ND	182	90.9	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	07/15/2022	ND					

Surrogate: 1-Chlorooctane 59.8 % 43-149

Surrogate: 1-Chlorooctadecane 68.9 % 42.5-161

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

BILL TO

ANALYSIS REQUEST

Company Name: Conoco Phillips
 Project Manager: Christian Luvu
 Address: _____
 City: _____ State: _____ Zip: _____
 P.O. #: _____
 Company: Tetra Tech
 Attn: Christian Luvu
 Address: _____
 City: _____ State: _____ Zip: _____
 Project #: 212C-MD-02653 Project Owner: _____
 Project Name: Wilder STB Remediation
 Project Location: Lea County, NM
 Sampler Name: Andrew Garvie
 P. O. #: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chloride 4500	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
<u>H2330008</u>	<u>FS-3 (4')</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>2022</u>	<u>1452</u>	<u>920</u>	<u>X</u>	<u>X</u>	<u>X</u>
	<u>FS-5 (4')</u>											<u>915</u>	<u>X</u>	<u>X</u>	
	<u>FS-16</u>											<u>930</u>	<u>X</u>	<u>X</u>	
	<u>FS-17</u>											<u>945</u>	<u>X</u>	<u>X</u>	
	<u>FS-18</u>											<u>1000</u>	<u>X</u>	<u>X</u>	
	<u>NSW-3 (3')</u>											<u>1015</u>	<u>X</u>	<u>X</u>	
	<u>NSW-6</u>											<u>1030</u>	<u>X</u>	<u>X</u>	
	<u>NSW-2 (1')</u>											<u>1045</u>	<u>X</u>	<u>X</u>	
	<u>NSW-4</u>											<u>1100</u>	<u>X</u>	<u>X</u>	
	<u>SSW-1</u>											<u>1115</u>	<u>X</u>	<u>X</u>	

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Relinquished By: Andrew Garvie
 Date: 11/7/22
 Time: 1501
 Received By: Christian Luvu
 Date: _____
 Time: _____
 Received By: _____

Delivered By: (Circle One) Standard Rush
 Observed Temp. °C: 27.72
 Corrected Temp. °C: 27.12
 Sample Condition: Intact Cool Yes No
 Checked By: ML
 Turnaround Time: 24 HR
 Thermometer ID #113
 Correction Factor: -0.06
 Bacteria (only) Yes No
 Cool Intact Yes No
 Sample Condition Yes No
 Observed Temp. °C _____
 Corrected Temp. °C _____



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

BILL TO

ANALYSIS REQUEST

Company Name: Conoco Phillips P.O. #:
 Project Manager: Christian Llewellyn Company: Tetra Tech
 Address: Attn: Christian Llewellyn
 City: State: Zip: Address:
 Phone #: Fax #: City: State: Zip: Phone #: Fax #:
 Project #: 212C-MD-02653 Project Owner:
 Project Name: Wildcat CTB Remediation
 Project Location: Lea County, NM
 Sampler Name: Andrew Garcia

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chloride 4500
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>41923002A</u>	<u>35W-5</u>	<u>61</u>			<u>X</u>				<u>2022</u>	<u>14 July 1130</u>	<u>X</u>	<u>X</u>	<u>X</u>

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Relinquished By: [Signature] Date: 14 July 22 Received By: [Signature]
 Time: 501
 Relinquished By: [Signature] Date: Received By:
 Time: Received By:

Delivered By: (Circle One) Observed Temp. °C 27.72 Sample Condition Intact Cool Yes No Yes No
 Sampler - UPS - Bus - Other: Corrected Temp. °C 27.12 CHECKED BY: [Signature] (Initials)
 Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Yes No Yes No
 Thermometer ID #113-06-24 HR Correction Factor -0.5°C

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

REMARKS: Christian.Llewellyn@tetra-tech.com



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

July 21, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/20/22 10:23.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Shalyn Rodriguez
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 19 (H223158-01)

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	07/20/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	161	80.6	200	1.66	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	168	84.2	200	0.453	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 43-149

Surrogate: 1-Chlorooctadecane 85.1 % 42.5-161

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Shalyn Rodriguez
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 20 (H223158-02)

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	07/20/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	161	80.6	200	1.66	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	168	84.2	200	0.453	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 43-149

Surrogate: 1-Chlorooctadecane 76.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Shalyn Rodriguez
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 21 (H223158-03)

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	07/20/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 72.2 % 43-149

Surrogate: 1-Chlorooctadecane 77.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Shalyn Rodriguez
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: NSW - 7 (H223158-04)

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	07/20/2022	ND	2.14	107	2.00	13.2		
Toluene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	13.8		
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.25	112	2.00	12.9		
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	11.8		
Total BTEX	<0.300	0.300	07/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93		
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7		
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND						

Surrogate: 1-Chlorooctane 67.3 % 43-149

Surrogate: 1-Chlorooctadecane 72.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Shalyn Rodriguez
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: ESW - 5 (H223158-05)

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	07/20/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 69.2 % 43-149

Surrogate: 1-Chlorooctadecane 74.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Shalyn Rodriguez
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: SSW -6 (H223158-06)

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	07/21/2022	ND	2.14	107	2.00	13.2		
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8		
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9		
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8		
Total BTEX	<0.300	0.300	07/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93		
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7		
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND						

Surrogate: 1-Chlorooctane 74.0 % 43-149

Surrogate: 1-Chlorooctadecane 80.7 % 42.5-161

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02653	Sample Received By:	Shalyn Rodriguez
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 5 (H223158-07)

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	07/21/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 66.4 % 43-149

Surrogate: 1-Chlorooctadecane 71.4 % 42.5-161

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: ~~Feteck~~ **Conoco Phillips**
 Project Manager: **Christian Llull**
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: **2120-MD-02153** Project Owner: _____
 Project Name: **Wilder CB**
 Project Location: **Lee County, NM**
 Sampler Name: **Andrew Soree**
 FOR LAB USE ONLY

P.O. #: _____
 Company: **Feteck**
 Attn: **Christian Llull**
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	Chloride 4500
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	SAMPLING								
H223158		G	1			X					X		2022	900	X	X	X	
	FS-19												19 July	930				
	FS-20													1000				
	FS-21													1030				
	NSW-7													1100				
	ESW-5													1130				
	SSW-6													1200				
	MSW-5																	

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Relinquished By: **Andrew Soree**
 Date: **20 July 22**
 Time: **1035**
 Received By: **Christian Llull**
 Date: _____
 Time: _____

Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS: **Christian Llull e Feteck.com**

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:
 Observed Temp. °C: **18.2**
 Corrected Temp. °C: **1.2**
 Sample Condition: Intact Cool Yes No
 CHECKED BY: (Initials) **SR**
 Turnaround Time: **Standard** Rush
 Thermometer ID #113 **24 HR**
 Correction Factor **0.0**
 Bacteria (only) Cool Intact Yes No
 Sample Condition Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com
 7:30:00



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

July 21, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/20/22 15:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/20/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: SSW - 2 (H223161-01)

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	07/21/2022	ND	2.14	107	2.00	13.2		
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8		
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9		
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8		
Total BTEX	<0.300	0.300	07/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/21/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93		
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7		
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND						

Surrogate: 1-Chlorooctane 83.9 % 43-149

Surrogate: 1-Chlorooctadecane 91.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/20/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: SSW - 3 (H223161-02)

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	07/21/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/21/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 73.4 % 43-149

Surrogate: 1-Chlorooctadecane 79.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/20/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: SSW - 4 (H223161-03)

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	07/21/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/21/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 43-149

Surrogate: 1-Chlorooctadecane 83.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/20/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 3 (H223161-04)

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	07/21/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	07/21/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 72.9 % 43-149

Surrogate: 1-Chlorooctadecane 80.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/20/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: NSW - 4 (H223161-05)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/21/2022	ND	2.14	107	2.00	13.2		
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8		
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9	GC-NC	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8		
Total BTEX	<0.300	0.300	07/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 141 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2760	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	46.3	10.0	07/21/2022	ND	178	89.2	200	7.93		
DRO >C10-C28*	8250	10.0	07/21/2022	ND	179	89.5	200	11.7		
EXT DRO >C28-C36	1410	10.0	07/21/2022	ND						

Surrogate: 1-Chlorooctane 110 % 43-149

Surrogate: 1-Chlorooctadecane 269 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/20/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: NSW - 5 (H223161-06)

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	07/21/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 43-149

Surrogate: 1-Chlorooctadecane 91.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/20/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 13 (H223161-07)

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	07/21/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7040	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	179	89.5	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 69.9 % 43-149

Surrogate: 1-Chlorooctadecane 77.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/20/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 14 (H223161-08)

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	07/21/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93	
DRO >C10-C28*	11.8	10.0	07/21/2022	ND	179	89.5	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 63.3 % 43-149

Surrogate: 1-Chlorooctadecane 70.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/20/2022
Reported:	07/21/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 15 (H223161-09)

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	07/21/2022	ND	2.14	107	2.00	13.2	
Toluene*	<0.050	0.050	07/21/2022	ND	2.22	111	2.00	13.8	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.25	112	2.00	12.9	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.85	114	6.00	11.8	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	178	89.2	200	7.93		
DRO >C10-C28*	1910	10.0	07/21/2022	ND	179	89.5	200	11.7		
EXT DRO >C28-C36	757	10.0	07/21/2022	ND						

Surrogate: 1-Chlorooctane 65.9 % 43-149

Surrogate: 1-Chlorooctadecane 187 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Conoco Phillips
 Project Manager: Christian Livi
 Address: _____
 City: _____ State: _____ Zip: _____
 P.O. #: _____
 Company: Tetra Tech
 Attn: Christian Livi
 Address: _____
 City: _____ State: _____ Zip: _____
 Project #: 212e-MD-02653 Project Owner: _____
 Project Name: Wilder CTB
 Project Location: Log County, NM
 Sampler Name: Andrew Garcia
 Phone #: _____ Fax #: _____
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chlorides 4500
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>H223161</u>														
	<u>SSW-2</u>	<u>G1</u>	<u>1</u>			<u>X</u>			<u>20 July</u>	<u>900</u>	<u>X</u>	<u>X</u>	<u>X</u>	
	<u>SSW-3</u>									<u>1000</u>				
	<u>SSW-4</u>									<u>1630</u>				
	<u>NSW-3</u>									<u>1100</u>				
	<u>NSW-4</u>									<u>1130</u>				
	<u>NSW-5</u>									<u>1200</u>				
	<u>FS-13</u>									<u>1230</u>				
	<u>FS-14</u>									<u>1300</u>				
	<u>FS-15</u>													

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Relinquished By: Andrew Garcia
 Date: 20 July 22
 Time: 1525
 Received By: Christian Livi
 Date: _____
 Time: _____

Delivered By: (Circle One) Observed Temp. °C 31.3
 Corrected Temp. °C 33.7
 Sample Condition: Cool Intact
 Yes No
 CHECKED BY: afp
 Turnaround Time: Standard Rush
 Thermometer ID #113
 Correction Factor -0.3°C
 Bacteria (only) Cool Intact
 Yes No
 Sample Condition: Observed Temp. °C
 Corrected Temp. °C

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

REMARKS: Christian.Livi@tetratech.com



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

July 22, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/21/22 15:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/21/2022	Sampling Date:	07/21/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: ESW - 1 (H223204-01)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	39.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	10.1	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 56.5 % 43-149

Surrogate: 1-Chlorooctadecane 65.5 % 42.5-161

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/21/2022	Sampling Date:	07/21/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: ESW - 2 (H223204-02)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	37.5	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 58.9 % 43-149

Surrogate: 1-Chlorooctadecane 67.4 % 42.5-161

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/21/2022	Sampling Date:	07/21/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: NSW - 1 (H223204-03)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 72.3 % 43-149

Surrogate: 1-Chlorooctadecane 78.9 % 42.5-161

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/21/2022	Sampling Date:	07/21/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 1 (H223204-04)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 69.8 % 43-149

Surrogate: 1-Chlorooctadecane 77.6 % 42.5-161

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* = Accredited Analyte

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

July 25, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/22/22 12:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/22/2022	Sampling Date:	07/22/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 3 (4') (H223228-01)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/25/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2022	ND	228	114	200	6.00	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	225	112	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 43-149

Surrogate: 1-Chlorooctadecane 88.1 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/22/2022	Sampling Date:	07/22/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: NSW - 4 (8') (H223228-02)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/25/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2022	ND	228	114	200	6.00	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	225	112	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 43-149

Surrogate: 1-Chlorooctadecane 90.0 % 42.5-161

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/22/2022	Sampling Date:	07/22/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	WILDER CTB RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02653	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 15 (2.5') (H223228-03)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/25/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2022	ND	228	114	200	6.00	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	225	112	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					

Surrogate: 1-Chlorooctane 78.1 % 43-149

Surrogate: 1-Chlorooctadecane 85.7 % 42.5-161

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Conoco Phillips
 Project Manager: Christian Lundy
 Address: _____
 City: _____ State: _____ Zip: _____
 P.O. #: _____
 Company: Tetra Tech
 Attn: Christian Lundy
 Address: _____
 City: _____ State: _____ Zip: _____
 Project #: 212C-MD-02653 Project Owner: _____
 Project Name: Wilder CTB
 Project Location: Lee County, NM
 Sampler Name: Andrew Garcia
 Phone #: _____ Fax #: _____
 City: _____ State: _____ Zip: _____
 Project #: _____
 Project Name: _____
 Project Location: _____
 Sampler Name: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	TBT	BTEX	Chloride 4500
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
<u>HZ23288</u>	<u>NSW-3 (4')</u>	<u>↓</u>	<u>1</u>			<u>X</u>						<u>2022</u>	<u>9:00</u>	<u>X</u>	<u>X</u>	<u>X</u>
	<u>NSW-4 (8')</u>	<u>↓</u>	<u>3</u>									<u>5/4/22</u>	<u>9:00</u>	<u>X</u>	<u>X</u>	<u>X</u>
	<u>FS-15 (2.5')</u>	<u>↓</u>	<u>3</u>										<u>10:05</u>	<u>X</u>	<u>X</u>	<u>X</u>

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Relinquished By: Andrew Garcia
 Date: 2/25/22
 Time: 12:55
 Received By: [Signature]
 Date: _____
 Time: _____

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: Christian. Lundy@tetratech.com

Delivered By: (Circle One) Observed Temp. °C 35.3 Sample Condition Cool Intact Yes No
 Corrected Temp. °C 24.7 Checked BY: [Signature]
 Sampler - UPS - Bus - Other: _____

APPENDIX F Waste Manifests



MILESTONE ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 06/30/22 Rig #:

Time Out: 3:54 PM

Time In: 3:26 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB (AOC 7249)

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M-76 Trailer #: 76T Manifest #: 1714449

Haul Ticket #: N/A WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: MB

Printed Name: MIKE B

Ticket # 14-037024



Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/05/22 Rig #:

Time In: 11:03 AM

Time Out: 11:19 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB AOC 7249

Transporter: MC NABB PARTNERS

Yard Location: HOBBS

Truck #: M02

Trailer #:

Manifest #: 1874174

Haul Ticket #: 02

WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume:

9YD

Disposal Type:

Volume:

0

Paint Filter Test: PASS

NORM Reading:

5

Washout Initials:

No Washout Performed.

Signature:

T.S.

Printed Name: TONY S



MILESTONE ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/05/22 Rig #:

Time In: 12:39 PM

Time Out: 1:00 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB AOC 7249

Transporter: MC NABB PARTNERS

Yard Location: HOBBS

Truck #: M02 Trailer #: Manifest #: 1874175

Haul Ticket #: 03 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 9YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: T.S.

Printed Name: TONY S



MILESTONE ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/05/22 Rig #:

Time In: 2:33 PM

Time Out: 2:44 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB AOC 7249

Transporter: MC NABB PARTNERS

Yard Location: HOBBS

Truck #: M02 Trailer #: Manifest #: 1874176

Haul Ticket #: 04 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 9YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: T.S.

Printed Name: TONY S



MILESTONE ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/06/22 Rig #:

Time In: 10:50 AM

Time Out: 11:15 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB 7249

Transporter: McNabb Services, Inc.

Yard Location: LEA

Truck #: M-80 Trailer #: 0 Manifest #: 1874177

Haul Ticket #: 05 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: URIEL

Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/06/22 Rig #:

Time In: 2:45 PM

Time Out: 2:55 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB 7249

Transporter: McNabb Services, Inc.

Yard Location: LEA

Truck #: M 85 Trailer #: 0 Manifest #: 1874179

Haul Ticket #: 06 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: FAIL

NORM Reading: 5

Washout Initials:

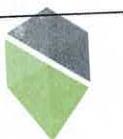
No Washout Performed.

Signature:

DN

Printed Name: **MILESTONE** daniel n

ENVIRONMENTAL SERVICES





MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/06/22 Rig #:

Time In: 12:47 PM

Time Out: 12:59 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB 7249

Transporter: McNabb Services, Inc.

Yard Location: LEA

Truck #: M-85 Trailer #: 0 Manifest #: 1874178

Haul Ticket #: 06 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 5

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: daniel n

Ticket # 14-037534



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/13/22 Rig #:

Time In: 9:58 AM

Time Out: 10:12 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M33 Trailer #: Manifest #: 1874180

Haul Ticket #: 27 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: L L

Ticket # 14-038185



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/13/22 Rig #:

Time In: 12:10 PM Time Out: 12:26 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #:M33 Trailer #: Manifest #:1874181

Haul Ticket #:08 WHP #: 2362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: LL

Ticket # 14-038196



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/13/22 Rig #:

Time In: 1:57 PM

Time Out: 2:03 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M02 Trailer #: Manifest #: 1874183

Haul Ticket #: 09 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 10YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

DR

Printed Name: D R



**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/13/22 Rig #:

Time In: 1:55 PM Time Out: 2:01 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M33 Trailer #: Manifest #: 1874182

Haul Ticket #: 10 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: FAIL

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: LL

Ticket # 14-038203



**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/14/22 Rig #:

Time In: 10:03 AM

Time Out: 10:18 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M33 Trailer #: Manifest #: 1874184

Haul Ticket #: 11 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: LL

Ticket # 14-038265



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/14/22 Rig #:

Time In: 10:05 AM Time Out: 10:22 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #:M76 Trailer #:M76 Manifest #:17814450

Haul Ticket #:12 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: JOE J

Ticket # 14-038266



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/14/22 Rig #:

Time In: 12:25 PM Time Out: 12:39 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M33 Trailer #: Manifest #: 1874185

Haul Ticket #: 13 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: JOSH J

Ticket # 14-038276



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/14/22 Rig #:

Time In: 12:30 PM Time Out: 12:45 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M76 Trailer #: 76 Manifest #: 1714451

Haul Ticket #: 14 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature:

Printed Name: JOE J

Ticket # 14-038277



**Orla Landfill Waste Facility
 Disposal Pit Permit P012729
 Drying Pit Permit P012736A
 Reeves County, Texas**

447 FM 652 East
 Orla, Texas 79770
 432-789-1242

Environmental Solutions Since 1980
 www.milestone-es.com

Date: 07/14/22 Rig #:

Time In: 1:57 PM Time Out: 2:10 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M33 Trailer #: Manifest #: 1874186

Haul Ticket #: 15 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____ JJ

Printed Name: JOSH J

Ticket # 14-038285



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/15/22 Rig #:

Time In: 10:17 AM

Time Out: 10:31 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M33 Trailer #: Manifest #: 1874187

Haul Ticket #: 17 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

LL

Printed Name: LL

Ticket # 14-038343



Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
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Date: 07/15/22 Rig #:

Time In: 12:42 PM

Time Out: 12:55 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M76 Trailer #: M76 Manifest #: 1714454

Haul Ticket #: 0 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: J P

Printed Name: JOSE PALLARES

Ticket # 14-038354



Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
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Date: 07/15/22 Rig #:

Time In: 10:49 AM

Time Out: 11:09 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB RELEASER 7249

Transporter: MCNABB PARTNERS

Yard Location: HOBBS

Truck #: M76 Trailer #: M76 Manifest #: 1714453

Haul Ticket #: 18 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: JOEJ



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
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Date: 07/18/22 Rig #:

Time In: 10:11 AM Time Out: 10:43 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB 7249

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #: M33 Trailer #: Manifest #: 1874188

Haul Ticket #: 20 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: J J

Ticket # 14-038554



MILESTONE
ENVIRONMENTAL SERVICES

Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
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Date: 07/18/22 **Rig #:**

Time In: 12:01 PM

Time Out: 12:09 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILD CTB 7249

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #: M33 **Trailer #:** **Manifest #:** 1874189

Haul Ticket #: 21 **WHP #:** 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: JJ

Ticket # 14-038565



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
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Date: 07/21/22 Rig #:

Time In: 11:38 AM Time Out: 11:46 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER C.T.B C.A.O 7429

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #:85 Trailer #:85 Manifest #:1774191

Haul Ticket #:24 WHP #: 1874191

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: 

Printed Name: A

Ticket # 14-038766



Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/21/22 Rig #:

Time In: 1:22 PM

Time Out: 1:30 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER C.T.B C.A.O 7429

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #: 31 Trailer #: Manifest #: 1880774

Haul Ticket #: 25 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 16YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature:

Printed Name: A

LIMER

Ticket # 14-038774



**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/21/22 Rig #:

Time In: 1:25 PM Time Out: 1:32 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER C.T.B C.A.O 7429

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #:85 Trailer #: Manifest #:1874194

Haul Ticket #:26 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: D D



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
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Date: 07/21/22 Rig #:

Time In: 3:05 PM Time Out: 3:16 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER C.T.B C.A.O 7429

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #:31 Trailer #:31 Manifest #:1880775

Haul Ticket #:27 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 16YD

Disposal Type:

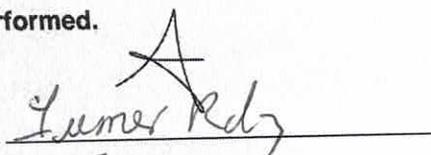
Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: 

Printed Name: A LUMER

Ticket # 14-038787



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/21/22 Rig #:

Time In: 3:08 PM

Time Out: 3:17 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER C.T.B C.A.O 7429

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #:85 Trailer #:85 Manifest #:1874195

Haul Ticket #:28 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature:

Printed Name: A

Ticket # 14-038788



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

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Date: 07/22/22 Rig #:

Time In: 10:31 AM Time Out: 10:52 AM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER C.T.B C.A.O 7429

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #: M-33 Trailer #: Manifest #: 1880776

Haul Ticket #: 29 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

Printed Name: A

Ticket # 14-038847



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
www.milestone-es.com

Date: 07/22/22 Rig #:

Time In: 12:52 PM

Time Out: 1:01 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER C.T.B C.A.O 7429

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #:33 Trailer #: Manifest #:1880777

Haul Ticket #:30 WHP #: 7362

Disposal Type: Contaminated Soil (PASS)

Volume: 15YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature:  _____

Printed Name: A

Ticket # 14-038853



MILESTONE
ENVIRONMENTAL SERVICES

**Orla Landfill Waste Facility
Disposal Pit Permit P012729
Drying Pit Permit P012736A
Reeves County, Texas**

447 FM 652 East
Orla, Texas 79770
432-789-1242

Environmental Solutions Since 1980
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Date: 07/25/22 Rig #:

Time In: 1:37 PM Time Out: 1:55 PM

Generator: ConocoPhillips Inc.

Fluid Source: Non Drilling

Lease: WILDER CTB

Transporter: McNabb Services, Inc.

Yard Location: HOBBS

Truck #: M75 Trailer #: 75T Manifest #: 1714456

Haul Ticket #: 32 WHP #:

Disposal Type: Contaminated Soil (PASS)

Volume: 18YD

Disposal Type:

Volume: 0

Paint Filter Test: PASS

NORM Reading: 3

Washout Initials:

No Washout Performed.

Signature: _____

JJ

Printed Name: J J

Ticket # 14 039054

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

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

CONDITIONS

Action 156907

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 156907
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please implement 19.15.29.13 NMAC when completing P&A.	12/2/2022