TETRA TECH

July 26, 2023

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

Re: Closure Report
ConocoPhillips
Wilder CTB Valve Can Release
Unit Letter A, Section 29, Township 26 South, Range 32 East
Lea County, New Mexico
Incident ID# NAPP2300343271

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred from a valve cellar or "valve can" associated with 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 occurred at coordinates 32.020159°, -103.690113°, 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 December 26, 2022 and occurred as the result of a valve being left open. Approximately 372 barrels (bbls) of produced water and 1 bbl of crude oil were reported as released. The C-141 form was left blank regarding recovered volumes. The release extent was described in the included spill calculator as equaling 6,977 square feet. The New Mexico Oil Conservation District (NMOCD) received the C-141 report form for the release on January 3, 2023. The NMOCD Incident ID for this release is NAPP2300343271.

LAND OWNERSHIP

The Site is located on land owned by the Bureau of Land Management (BLM). The BLM cleared the Site for remediation activities via email on May 8, 2023. Email correspondence with the BLM is included in Appendix B.

SITE CHARACTERIZATION

Ensolum, LLC (Ensolum) was contracted by COP to assess the NAPP2300343271 release extent. A site characterization was performed by Ensolum to determine application of Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. The Ensolum Site Characterization was included in their NMOCD-approved Work Plan and is presented in Appendix C.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the closest permitted groundwater well data. The closest groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 320134103384101, located approximately 0.49 miles northeast of the Site. The groundwater well has a reported depth to groundwater of 221.94 feet bgs and a

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total depth of 405 feet bgs, from January of 2013. In addition, there are two additional wells that indicate regional depth to groundwater is greater than 100 bgs. The second closest permitted groundwater well with depth to groundwater data is the New Mexico Office of the State Engineer (NMOSE) well C-02271-POD2, located ½ mile northeast of the Site and has a reported depth to groundwater of 250 feet bgs. NMOSE well C-03595 well, located approximately 0.51 miles northeast of the Site, has a reported depth to groundwater of 180 feet bgs.

The closest continuously flowing or significant watercourse to the Site is an intermittent stream, located approximately 7,200 feet northeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area).

REGULATORY FRAMEWORK

Based on the results of the Ensolum Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

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

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

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

ENSOLUM SITE ASSESSMENT ACTIVITIES AND RESULTS

Ensolum was contracted by COP to assess the NAPP2300343271 release. From December 28, 2022 to February 13, 2023, Ensolum conducted site assessment activities based on visual observations and information included on the Form C-141.

On December 28, 2023, Ensolum personnel collected samples from twelve (12) locations in and around the release extent at a depth of 0.5 foot bgs. Twelve (12) samples were collected from 12 locations (SS01 through SS12) from a depth of 0.5 feet bgs within the release footprint. All soil samples were submitted to and analyzed by Eurofins Xenco Laboratories (Eurofins) in Carlsbad, New Mexico. The samples were analyzed for TPH via Method 8015 Modified, chloride via EPA Method 300.0, and BTEX via Method 8021B.

On February 13, 2023, Ensolum returned to the Site to conduct additional assessment activities based on the collected data. Eight (8) potholes (PH01 through PH08) were advanced to a depth of 4 feet bgs within the release footprint. Sixteen (16) soil samples were collected from the 8 pothole locations. All soil samples were submitted to and analyzed by Eurofins Xenco Laboratories (Eurofins) in Carlsbad, New Mexico. The samples were analyzed for TPH via Method 8015 Modified, chloride via EPA Method 300.0, and BTEX via Method 8021B. The December 2022 and February 2023 sample locations are shown on Figure 3.

Analytical results associated with SS01 through SS06 and SS08 were above the reclamation requirements for TPH and/or chloride. Results for PH01 through PH08 indicate exceedances of TPH and/or chloride reclamation requirements for soils above 4 feet bgs. The only Site RRAL exceedance occurred at PH04 for TPH (GRO+DRO). Analytical data associated with the Ensolum site assessment activities is summarized in Table 1.

ENSOLUM REMEDIATION WORK PLAN

Based on the results of the assessment activities, Ensolum prepared a Remediation Work Plan to address the NAPP2300343271 release area. The Remediation Work Plan was submitted to NMOCD on March 24, 2023. The Work Plan was approved on April 28, 2023 by Jennifer Nobui for the remediation with the following condition:

- *"Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than four hundred (400) square feet."*

SITE VISIT SUMMARY

On April 20, 2023, Tetra Tech personnel were onsite to conduct a site visit to observe current site conditions evaluate potential access issues, document underground utilities in the footprint and collect photographs of the release area. Multiple subsurface lines were observed within and around the release footprint. Additionally, Ensolum pothole sample locations were confirmed by the multiple open holes and fencing in the approximate locations described in the Ensolum Work Plan.

It is unclear why the area containing sample location SS07 was included as part of the release extent as provided by Ensolum. Based on the data provided in the Ensolum Work Plan, analytical results for SS07 (Table 1) were below reclamation requirements for BTEX, TPH and chloride. Also, drone imagery provided by COP does not indicate the area in the vicinity of SS07 was impacted by the NAPP2300343271 release. Based on distressed vegetation and staining observed at the Site, analytical results from SS07, as well as recent drone imagery provided by COP, the release extent was revised as shown in Figure 4. COP-provided drone imagery is included as Appendix D.

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From June 13 to June 27, 2023, Tetra Tech personnel were onsite to supervise the remedial activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, on June 12, 2023, the NMOCD 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.

Per the approved Work Plan, impacted soils were excavated as shown in Figure 5. The areas within the release footprint were excavated to depths ranging from 1 to 4 feet below surrounding grade. As prescribed in the approved Work Plan, impacted soils within the vicinity of the subsurface lines which intersect the release footprint were dug by hand and/or removed via hydro-excavation to the proposed depth. All excavated material was transported offsite for proper disposal. Approximately 491 cubic yards of material were transported to the Northern Delaware Basin Landfill in Jal, New Mexico. Additionally, 5 cubic yards of material from hydro-excavation activities were transported to R360 Red Bluff Facility in Orla, TX. Copies of the waste manifests are included in Appendix D.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per the conditions of the Work Plan approval, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 400 square feet of excavated area. A total of fifteen (15) confirmation floor samples and sixteen (16) confirmation sidewall samples were collected during 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 and depths and confirmation sample locations are indicated in Figure 5.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. The analytical results were directly compared to the established Site RRALs and reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The results of the June 2023 confirmation sampling events are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

RECLAMATION ACTIVITIES

Once confirmation sampling activities were completed and associated analytical results were below the RRALs and/or reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations, the excavated areas were backfilled with clean material to surface grade. As prescribed in the approved Work Plan, the areas not within a right-of-way were seeded in June 2023 to aid in revegetation. Based on the location of the Site, the BLM seed mixture for LPC Sand/Shinnery Sites was used for seeding and planted in the amount specified in the pounds pure live seed per acre. Photographic documentation of the excavated areas prior to and immediately following placement of backfill and seeding are provided in Appendix F.

Site inspections will be performed to assess the revegetation progress and evaluate the Site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective method for eradication. If the Site does not show revegetation after one growing season the area will be reseeded as appropriate.

CONCLUSION

ConocoPhillips respectfully requests closure of the incident based on the confirmation sampling results and remediation activities performed. 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 Manager

Christian M. Llull, P.G.
Program Manager

cc:
Mr. Sam Widmer, RMR – ConocoPhillips
Mr. Jacob Laird, GPBU - ConocoPhillips

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map
Figure 2 – Site Location/Topographic Map
Figure 3 – Approximate Release Extent and Initial Response
Figure 4 – Site Assessment
Figure 5 – Remediation Extents and Confirmation Sampling

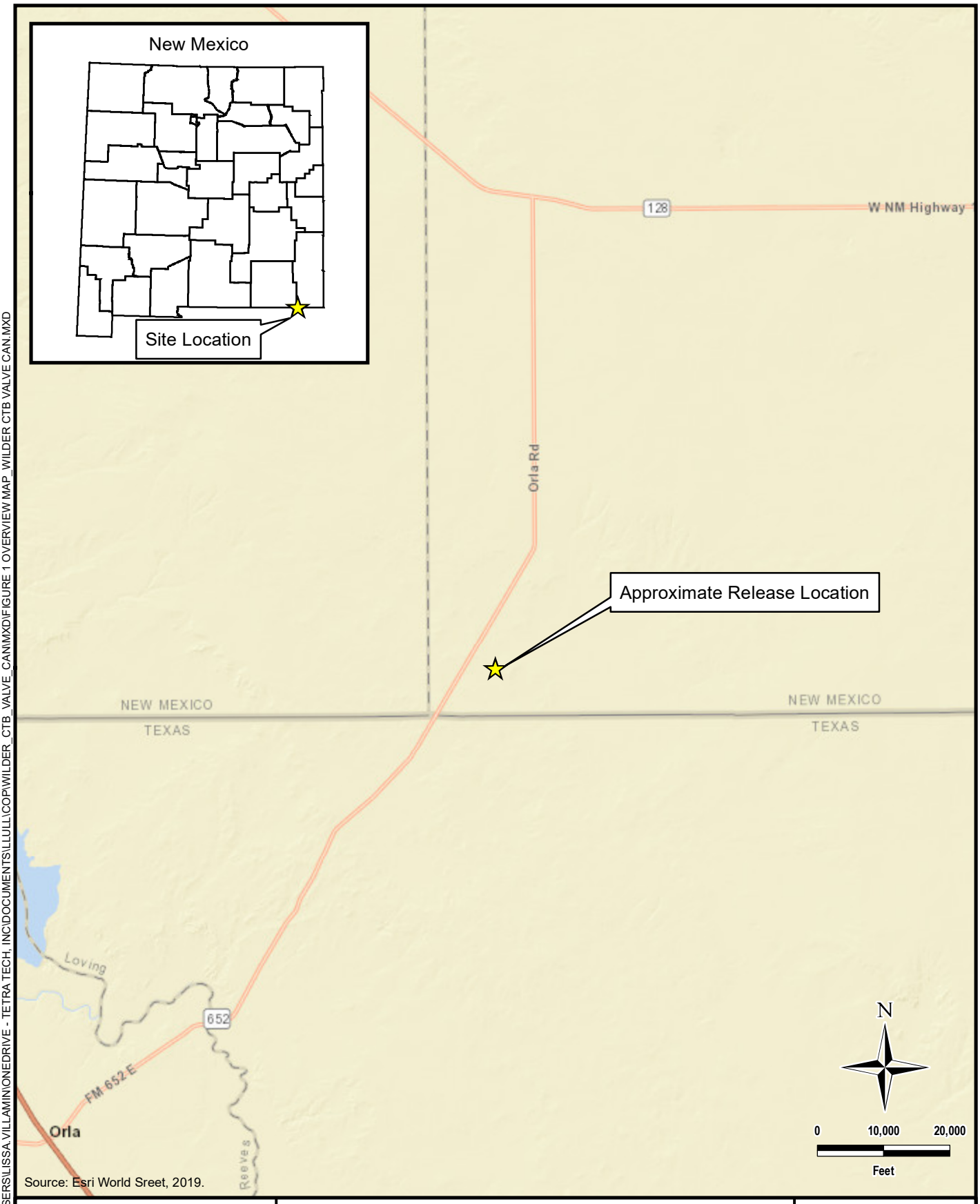
Tables:

Table 1 – Summary of Analytical Results – Initial Soil Assessment
Table 2 – Summary of Analytical Results – Additional Soil Assessment
Table 3 – Summary of Analytical Results – Confirmation Sampling

Appendices:

Appendix A – C-141 Forms
Appendix B – Regulatory Correspondence
Appendix C – Ensolum Site Characterization
Appendix D – COP Drone Imagery
Appendix E – Waste Manifests
Appendix F – Analytical Laboratory Data
Appendix G – Photographic Documentation

FIGURES



DOCUMENT PATH: C:\USERS\LISSA.VILLAMIN\ONEDRIVE - TETRA TECH, INC\DOCUMENTS\LLULL\COP\WILDER_CTB_VALVE_CAN\MXD\FIGURE 1 OVERVIEW MAP_WILDER CTB VALVE CAN.MXD

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CONOCOPHILLIPS

NAPP2300343271
(32.020145° -103.690138°)
LEA COUNTY, NEW MEXICO
DOR: 12/26/2022

WILDER CTB VALVE CAN
OVERVIEW MAP

PROJECT NO.:	212C-MD-03088
DATE:	MAY 02, 2023
DESIGNED BY:	LMV

Figure No.
1

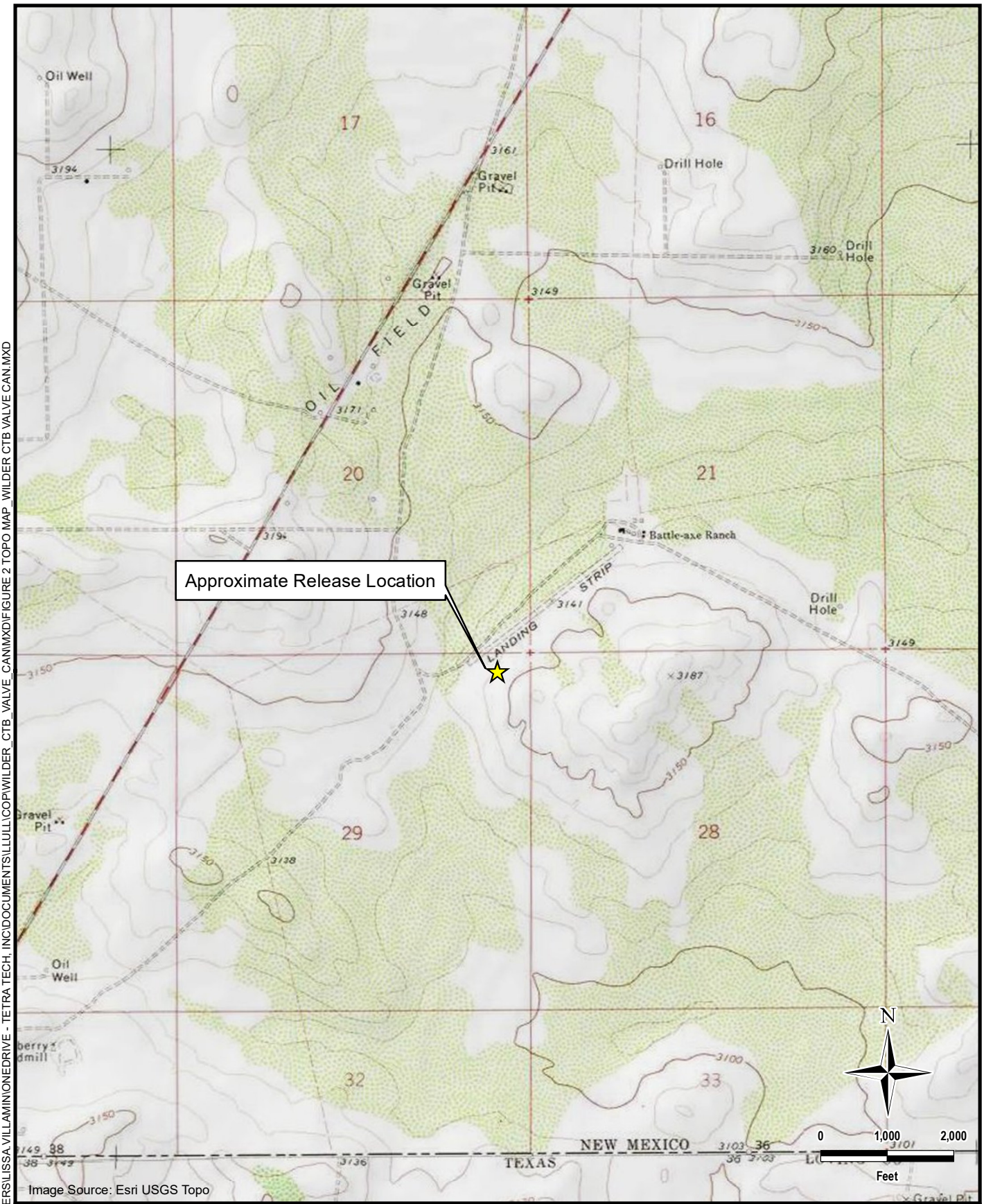

Image Source: Esri USGS Topo

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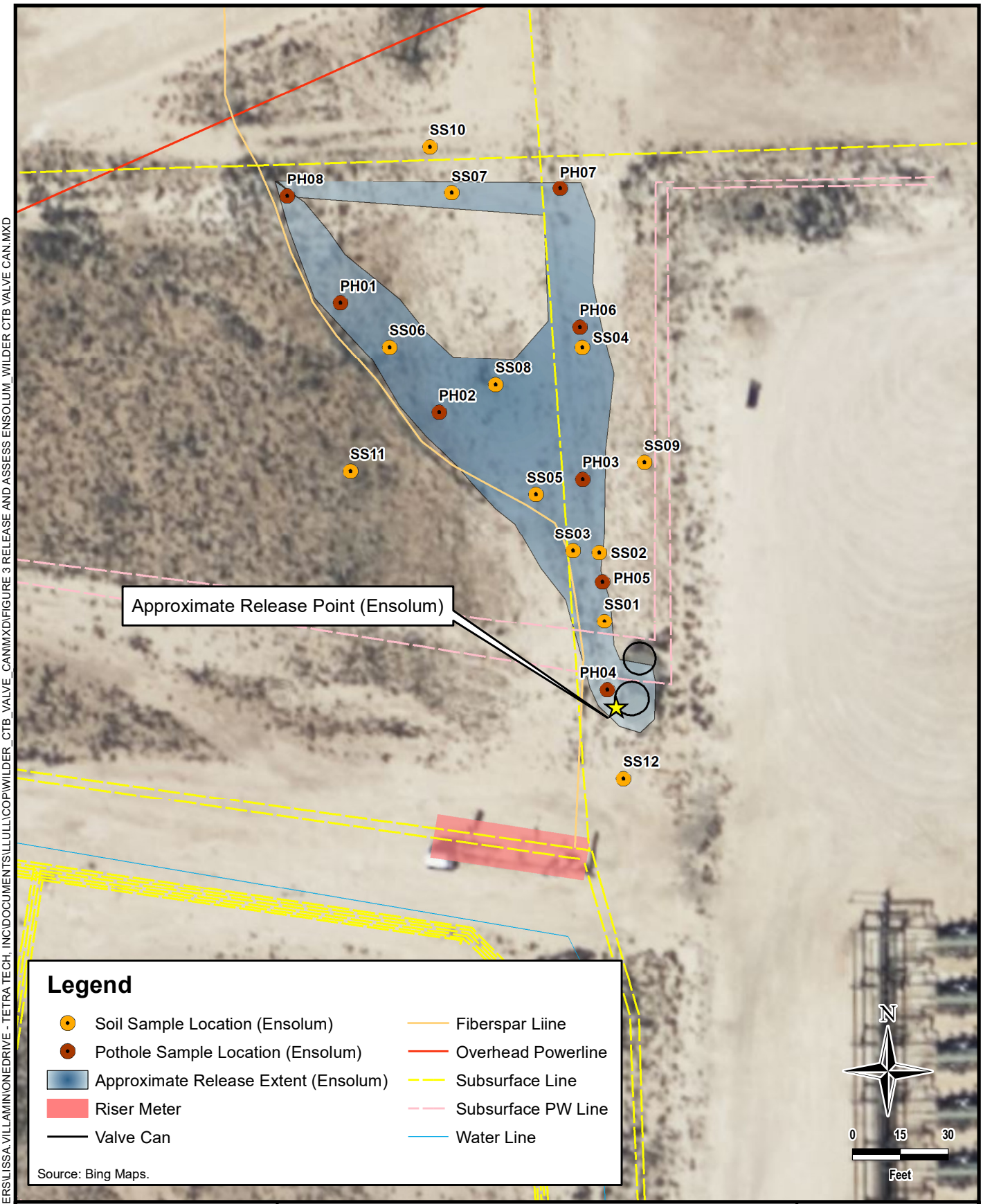
CONOCOPHILLIPS

NAPP2300343271
(32.020145° -103.690138°)
LEA COUNTY, NEW MEXICO
DOR: 12/26/2022

WILDER CTB VALVE CA
TOPOGRAPHIC MAP

PROJECT NO.:	212C-MD-03088
DATE:	MAY 02, 2023
DESIGNED BY:	LMV

Figure No.
2



DOCUMENT PATH: C:\USERS\LISSA.VILLAMIN\ONEDRIVE - TETRA TECH, INC\DOCUMENTS\LLULL\COP\WILDER_CTB_VALVE_CAN\MXD\FIGURE 3 RELEASE AND ASSESS ENSOLUM_WILDER CTB VALVE CAN.MXD

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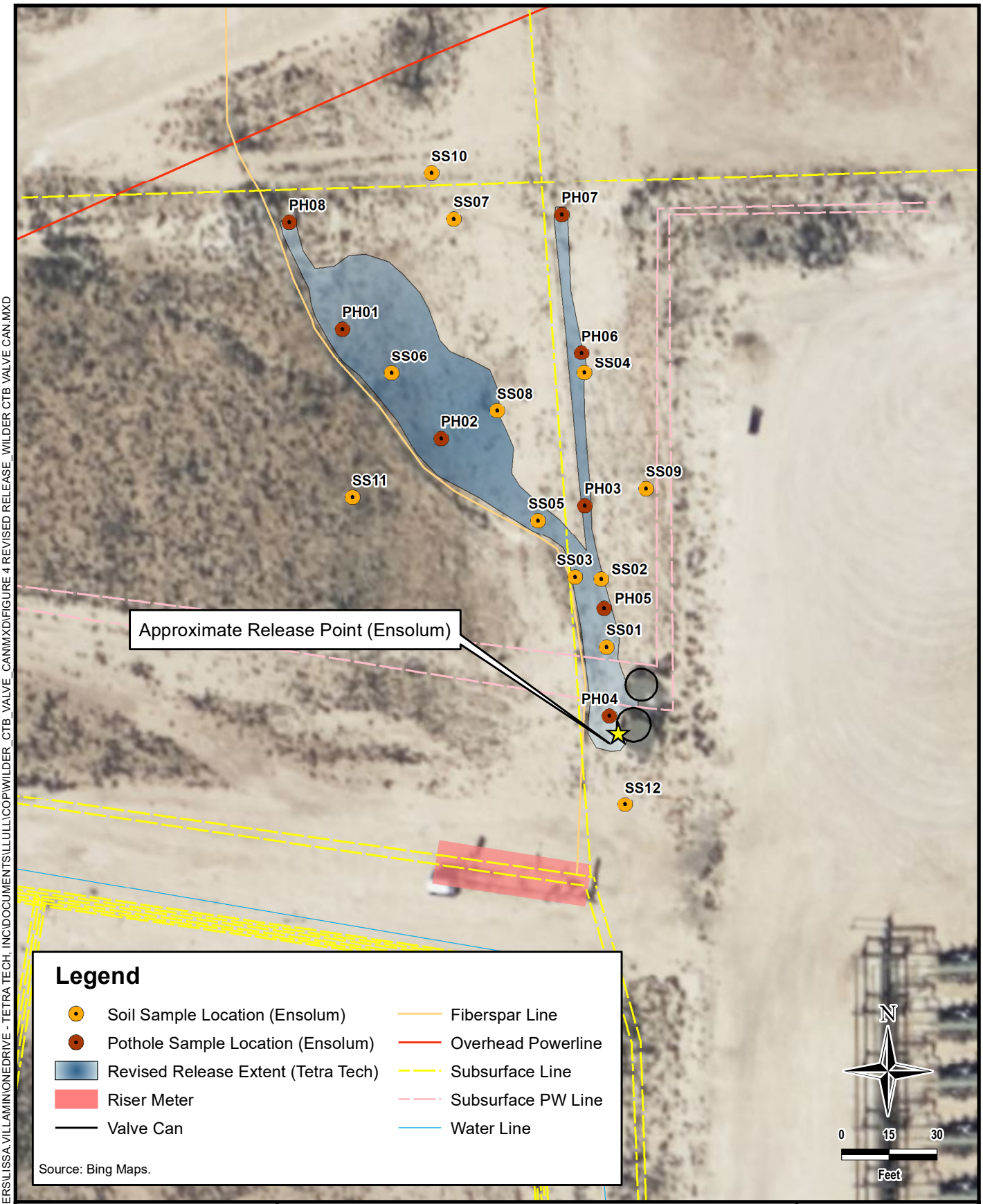
CONOCOPHILLIPS

NAPP2300343271
(32.020145° -103.690138°)
LEA COUNTY, NEW MEXICO
DOR: 12/26/2022

WILDER CTB VALVE CAN
APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT (ENSOLUM)

PROJECT NO.:	212C-MD-03088
DATE:	JULY 20, 2023
DESIGNED BY:	LMV

Figure No.
3



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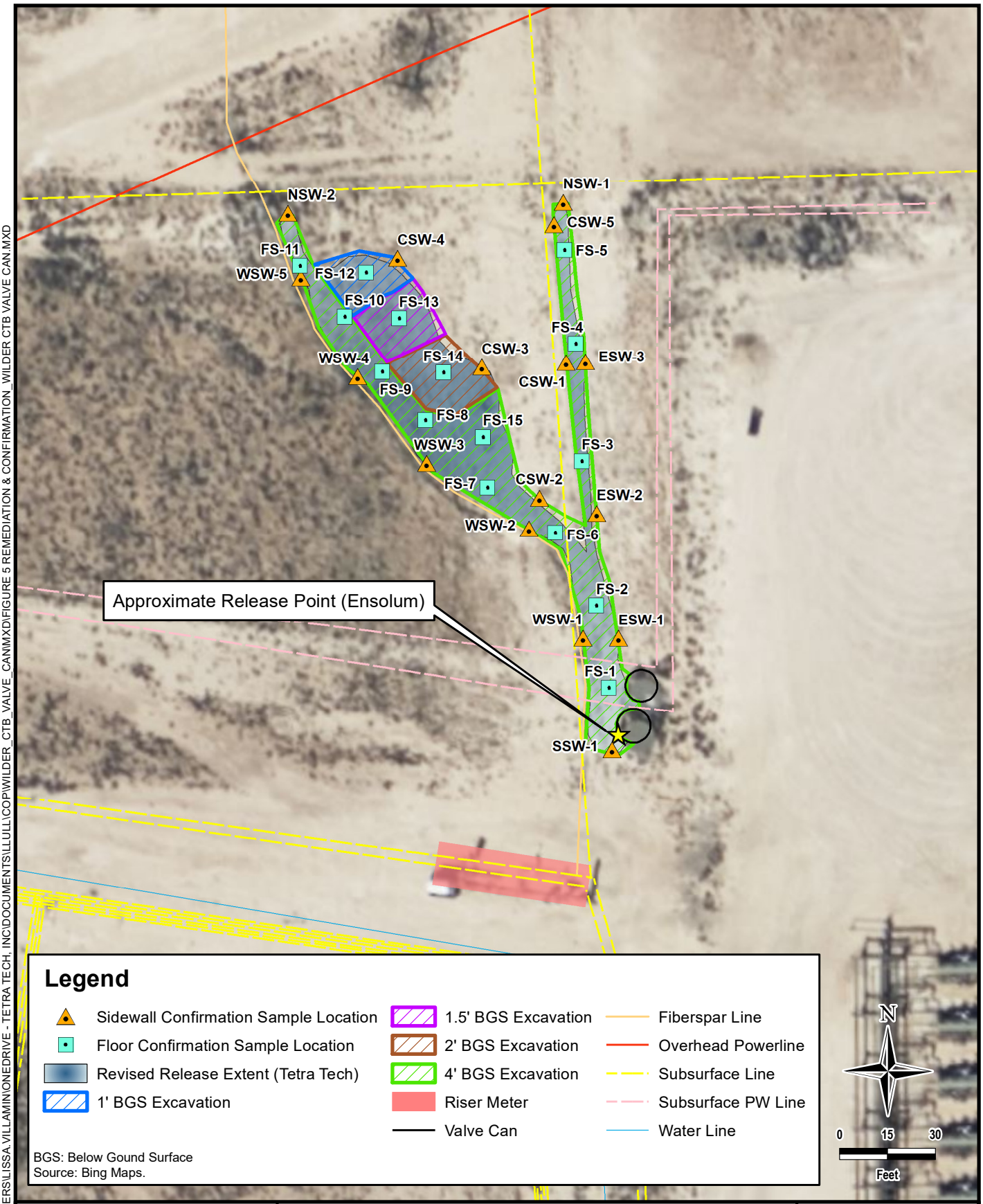
CONOCOPHILLIPS

NAPP2300343271
(32.020145° -103.690138°)
LEA COUNTY, NEW MEXICO
DOR: 12/26/2022

WILDER CTB VALVE CAN
REVISED RELEASE EXTENT

PROJECT NO.:	212C-MD-03088
DATE:	JULY 21, 2023
DESIGNED BY:	LMV

Figure No.
4



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CONOCOPHILLIPS

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(32.020145° -103.690138°)
LEA COUNTY, NEW MEXICO
DOR: 12/26/2022

WILDER CTB VALVE CAN
REMEDIATION EXTENT AND CONFIRMATION SAMPLING

PROJECT NO.:	212C-MD-03088
DATE:	JULY 12, 2023
DESIGNED BY:	LMV

Figure No.
5

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
ENSOLUM SITE ASSESSMENT - NAPP2300343271
CONOCOPHILLIPS
WILDER CTB VALVE CAN RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride	Benzene	Total BTEX	TPH			
						GRO	DRO	EXT DRO	Total TPH
						C_6 - C_{10}	> C_{10} - C_{28}	> C_{28} - C_{36}	(GRO+DRO+EXT DRO)
		ft. bgs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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*	--	--	--	*2500 mg/kg*
SS01	12/28/2022	0.5	***3,510***	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9
SS02	12/28/2022	0.5	***5,200***	<0.00202	0.0261	<49.9	185	78.2	***263***
SS03	12/28/2022	0.5	***8,560***	<0.00200	<0.00399	61.1	<49.9	67.5	***129***
SS04	12/28/2022	0.5	***6,740***	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8
SS05	12/28/2022	0.5	***6,340***	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9
SS06	12/28/2022	0.5	***5,330***	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0
SS07	12/28/2022	0.5	46.8	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0
SS08	12/28/2022	0.5	***2,470***	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9
SS09	12/28/2022	0.5	41.3	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9
SS10	12/28/2022	0.5	7.6	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9
SS11	12/28/2022	0.5	11.7	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9
SS12	12/28/2022	0.5	<4.98	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9
PH01	2/13/2023	1	***2,770***	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0
PH01A	2/13/2023	4	***4,590***	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9
PH02	2/13/2023	1	***2,940***	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0
PH02A	2/13/2023	4	***4,270***	<0.00201	<49.8	<49.8	<49.8	<49.8	<49.8
PH03	2/13/2023	1	***3,770***	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9
PH03A	2/13/2023	4	***4,760***	<0.00201	<49.9	<49.9	<49.9	<49.9	<49.9
PH04	2/13/2023	1	***4,320***	<0.00199	237	237	1,790	169	***2,200***
PH04A	2/13/2023	4	***3,830***	<0.00200	<49.9	<49.9	225	<49.9	***225***

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
ENSOLUM SITE ASSESSMENT - NAPP2300343271
CONOCOPHILLIPS
WILDER CTB VALVE CAN RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride	Benzene	Total BTEX	TPH			
						GRO	DRO	EXT DRO	Total TPH
						C_6 - C_{10}	> C_{10} - C_{28}	> C_{28} - C_{36}	(GRO+DRO+EXT DRO)
		ft. bgs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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*	--	--	--	*2500 mg/kg*
PH05	2/13/2023	1	***3,860***	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0
PH05A	2/13/2023	4	***4,280***	<0.00202	<49.9	<49.9	<49.9	<49.9	<49.9
PH06	2/13/2023	1	***4,360***	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8
PH06A	2/13/2023	4	***863***	<0.00201	<49.8	<49.8	<49.8	<49.8	<49.8
PH07	2/13/2023	1	304	<0.00202	<49.8	<49.8	<49.8	<49.8	<49.8
PH07A	2/13/2023	4	***630***	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0
PH08	2/13/2023	1	***1,440***	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9
PH08A	2/13/2023	4	***4,930***	<0.00199	<49.9	<49.9	169	<49.9	169

NOTES:

ft. Feet
bgs Below ground surface
mg/kg Milligrams per kilogram
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics

Bold and italicized values indicate exceedance of proposed RRALs and Reclamation Requirements for soils above 4 feet bgs outside of oil and gas operations.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL REMEDIATION - NAPP2300343271
CONOCOPHILLIPS
WILDER CTB VALVE CAN RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride[1]		BTEX[2]										TPH[3]						
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH
															C_6 - C_{10}		> C_{10} - C_{28}		> C_{28} - C_{36}		(GRO+DRO+EXT DRO)
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
		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*		--		--		--		*2500 mg/kg*
FS - 1	6/19/2023	4	96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 2	6/19/2023	4	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 3	6/19/2023	4	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 4	6/19/2023	4	128		<0.050	QR-03	<0.050	QR-03	<0.050	QR-03	<0.150	QR-03	<0.300		<10.0		<10.0		<10.0		-
FS - 5	6/19/2023	4	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 6	6/19/2023	4	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 7	6/19/2023	4	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 8	6/19/2023	4	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 9	6/19/2023	4	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 10	6/22/2023	4	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0	QM-07	<10.0	QM-07	<10.0		-
FS - 11	6/22/2023	4	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 12	6/22/2023	1	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		13.6		<10.0		13.6
FS - 13	6/22/2023	1.5	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS - 14	6/22/2023	2	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		17.4		<10.0		-
FS - 15	6/22/2023	4	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
NSW - 1	6/19/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
NSW - 2	6/19/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
CSW - 1	6/19/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
CSW - 2	6/19/2023	-	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
CSW - 3	6/19/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
CSW - 4	6/19/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
CSW - 5	6/22/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
ESW - 1	6/19/2023	-	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
ESW - 2	6/19/2023	-	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
ESW - 3	6/19/2023	-	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SSW - 1	6/19/2023	-	96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW - 1	6/19/2023	-	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW - 2	6/19/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW - 3	6/19/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW - 4	6/19/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW - 5	6/19/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-

NOTES:

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

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

QUALIFIERS:

QR-07 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptable limitsfor the MS and/or MSD. The batch was accepted based on acceptable LCS recovery

APPENDIX A
C-141 Forms

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NAPP2300343271
District RP	
Facility ID	fAPP2129429037
Application ID	

Release Notification

Responsible Party

Responsible Party	ConocoPhillips	OGRID	217817
Contact Name	Charles Beauvais	Contact Telephone	(575) 988-2043
Contact email	Charles.R.Beauvais@ConocoPhillips.com	Incident # *(assigned by OCD)*	NAPP2300343271
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.0199 Longitude -103.6900

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Wilder CTB	Site Type	Tank Battery
Date Release Discovered	December 26, 2022	API# *(if applicable)*	

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

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 1	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 372	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by a left open valve.
The release was on and off the pad. A vacuum truck was dispatched to remove all freestanding fluids. Evaluation will be made at the site to determine if we may commence remediation immediately or delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2300343271
District RP	
Facility ID	fAPP2129429037
Application ID	

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

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Immediate notification was given by Charles Beauvais on December 27, 2022 at 12:49 PM to ocd.enviro@state.nm.us.

Initial Response

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

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

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

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

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

Printed Name: Brittany N. Esparza Title: Environmental Technician

Signature: Brittany Esparza Date: 01/03/2023

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

OCD Only

Received by: Jocelyn Harimon Date: 01/03/2023

NAPP2300343271

Facility Name & Well Number(s):	Wilder CTB	Release Discovery Date & Time:	12/26/22 9:00AM
Provide any known details about the event:	4" carbon steel check valve leak developed in valve can #3. Line carries fluid from stateline road batteries to the wilder CTB.		

	Recovered Volume (bbl.) (if available, not included in volume calculations)	Method of Determination (dropdown)	Release Type (dropdown):	> 1/2" of Rain in Last 24 Hours (dropdown):	% Rainwater Recovered (not included in volume calculations, informational):
BU: Permian / Asset Area: DBE - Asset Avg.	160	Field Measurement	Oil Mixture	No	0%

Known Volume (dropdown):	Known Area (dropdown):	Mapped Area (sq. ft.)	Average Depth (in.)	On/Off Pad	Percentage of Oil if Spilled Fluid is a Mixture (%.)	Soil Spilled-Fluid Saturation	Total Estimated Volume of Spill (bbl.)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
No	Yes	6977	24	Off-Pad	0%	15.02%	373.07	1.00	372.07

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

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 171711
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/3/2023

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2300343271
District RP	
Facility ID	fAPP2129429037
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2300343271
District RP	
Facility ID	fAPP2129429037
Application ID	

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

Printed Name: __Jacob Laird_____ Title: _Environmental Engineer_____

Signature: Jacob Laird Date: _____3/24/2023_____

email: __Jacob.Laird@conocophillips.com_____ Telephone: ___575-703-5482_____

OCD Only

Received by: Jocelyn Harimon Date: 03/27/2023

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2300343271
District RP	
Facility ID	fAPP2129429037
Application ID	

Remediation Plan

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

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

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

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

☐ Extents of contamination must be fully delineated.

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

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

Printed Name: Jacob Laird Title: Environmental Engineer

Signature: Jacob Laird Date: 3/24/2023

email: Jacob.Laird@conocophillips.com Telephone: 575-703-5482

OCD Only

Received by: Jocelyn Harimon Date: 03/27/2023

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

Signature: Jennifer Nobui Date: 04/28/2023

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2300343271
District RP	
Facility ID	fAPP2129429037
Application ID	

Closure

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

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

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

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

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

☑ Description of remediation activities

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

Printed Name: Sam Widmer Title: Principal Program Manager

Signature: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: Jul-26-2023

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Nelson Velez Date: 10/24/2023

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

APPENDIX B
Regulatory Correspondence

Dickerson, Ryan

From: Taylor, Shelly J <sjtaylor@blm.gov>
Sent: Monday, May 8, 2023 11:34 PM
To: Dickerson, Ryan
Cc: Llull, Christian; Poole, Nicholas
Subject: Re: [EXTERNAL] Request for Approval - Wilder CTB Valve Can Release Remediation

BLM hereby approves your remediation proposal.

Sincerely,

Shelly J Taylor
Environmental Protection Specialist
Realty - Compliance

Bureau of Land Management/Carlsbad Field Office
620 E. Greene St
Carlsbad, NM 88220
Direct 575.234.5706
Mobile 575.499.6831
sjtaylor@blm.gov

Spill/Release email: **BLM_NM_CFO_REALTY_SPILL@BLM.GOV**

PLEASE NOTE: I have a new email address: **sjtaylor@blm.gov**

From: Dickerson, Ryan <Ryan.Dickerson@tetratech.com>
Sent: Monday, May 8, 2023 11:26 AM
To: Taylor, Shelly J <sjtaylor@blm.gov>
Cc: Llull, Christian <Christian.Llull@tetratech.com>; Poole, Nicholas <NICHOLAS.POOLE@tetratech.com>
Subject: [EXTERNAL] Request for Approval - Wilder CTB Valve Can Release Remediation

Shelly,

Good afternoon. I write on behalf of ConocoPhillips.

Tetra Tech is assisting with remediation of a previously reported unplanned release with the NMOCD.

The Release Characterization Work Plan was submitted to NMOCD (with appropriate fee) on 3/24/2023.
NMOCD approved the Workplan/Remediation proposal on 4/28/2023.
The approved Work Plan states ConocoPhillips proposes to begin remediation activities at the Site within 90 days of NMOCD plan approval, which is a deadline of **7/27/2023**.

In order to complete the initial remediation and the submittal process we are requesting verbal approval to proceed with cleanup at the location listed below.
A figure showing the proposed remedial action area is attached.
Aerial imagery and a site visit indicates the majority of the area to be within a pipeline ROW.
Please let me know if you require any other permitting or compliance items in addition to this email approval before we begin work.

Name of Release: Wilder CTB Valve Can Release
Unit Letter A, Section 29, Township 26 South, Range 32 East
Lea County, New Mexico
Incident Identification (ID) NAPP2300343271
Approximate Release Location: 32. 020151°, -103.690125°
Date Release Discovered: December 26, 2022
Location: West of the Wilder CTB Facility
Volume Released: Approximately 1 barrels (bbls) of crude oil and 372 bbls of produced water were released.
The observed impacted area is approximately 6,500 square feet. Remediation will be performed with backhoes and track hoes and by hand shovels or hydro-excavation near buried lines.

Please let me know at your earliest convenience that we can proceed.

Thanks,

Ryan

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

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

Dickerson, Ryan

From: Poole, Nicholas
Sent: Monday, June 12, 2023 5:32 PM
To: ocd.enviro@state.nm.us
Cc: Dickerson, Ryan
Subject: Incident ID: NAPP2300343271- Confirmation Sampling

Incident ID (n#) **NAPP2300343271** (Wilder CTB Valve Can)

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 of the release will begin Tuesday, June 13, 2023.

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 of the release will be begin at this site Thursday, June 15, 2023.

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

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

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

APPENDIX C
Site Characterization (Ensolum)

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320134103384101

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320134103384101 26S.32E.21.32311

Lea County, New Mexico
Latitude 32°01'35.2", Longitude 103°41'01.8" NAD83
Land-surface elevation 3,130 feet above NAVD88
The depth of the well is 405 feet below land surface.
The depth of the hole is 405 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Dockum Group (231DCKM) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1993-06-16		D	62610		2723.41	NGVD29	1	L			A
1993-06-16		D	62611		2725.00	NAVD88	1	L			A
1993-06-16		D	72019	405.00			1	L			A
2013-01-16	19:10 UTC	m	62610		2906.47	NGVD29	P	S	USGS	S	A
2013-01-16	19:10 UTC	m	62611		2908.06	NAVD88	P	S	USGS	S	A
2013-01-16	19:10 UTC	m	72019	221.94			P	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	L	Interpreted from geophysical logs.
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
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U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2023-02-09 16:37:03 EST
0.31 0.27 nadww02

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	C 02271 POD2	3	2	3	21	26S	32E	624348	3544010*

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

Driller License: 208 **Driller Company:** VAN NOY, W.L.

Driller Name: W.L. VAN NOY

Drill Start Date: 08/28/1992 **Drill Finish Date:** 09/09/1992 **Plug Date:**

Log File Date: 10/28/1992 **PCW Rcv Date:** **Source:** Shallow

Pump Type: SUBMER **Pipe Discharge Size:** **Estimated Yield:** 15 GPM

Casing Size: 6.38 **Depth Well:** 270 feet **Depth Water:** 250 feet

Water Bearing Stratifications:	Top	Bottom	Description
	225	265	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	205	265

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

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	C 03595 POD1	4	2	3	21	26S	32E	624423	3544045

Driller License: 1654 **Driller Company:** NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC

Driller Name:

Drill Start Date: 09/30/2013 **Drill Finish Date:** 09/30/2013 **Plug Date:**

Log File Date: 10/29/2013 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 6.00 **Depth Well:** 280 feet **Depth Water:** 180 feet

Water Bearing Stratifications:	Top	Bottom	Description
	160	200	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	200	240

APPENDIX D
COP-provided Drone Imagery

ConocoPhillips

Wilder CTB Valve Can

APPENDIX E
Waste Manifests

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

R360 ENVIRONMENTAL SOLUTIONS

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. 287813

Operator No.
Operators Name
Address
City, State, Zip
Phone No.

Permit/PPC No.
Lease/Well Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings		Washout Water (Non-Injectable)		
Water Based Muds		Completion Fluid/Flow Back (Non-Injectable)		
Water Based Cuttings		Produced Water (Non-Injectable)		
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		
Tank Bottoms		INTERNAL USE ONLY		
E&P Contaminated Soil		Truck Washout (exempt waste)		
Gas Plant Waste				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B-BARRELS Y-YARDS E-EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.

Driver's Name
Phone No.
Truck No.
WHP No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

Site Name/ Permit No. **Red Bluff Facility / STF-065**
Address **5053 US Hwy 285, Orla, TX 79770**
Phone No. **432-448-4239**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
NORM (mR/hr)

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) DATE TITLE SIGNATURE

Customer Copy

WEIGHT TICKET

Ticket # 176369

Start:06/15/2023 11:45 AM

End:06/15/2023 11:52 AM

By:owl.amy

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	13	00	13	$0.01	$0.13

Hauler: Monahb
Driver: Josh Busby
Lease: Wilder CTB Valne Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: N/A
Client Company Man: Colton B
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump
[illegible]
Amount: 13
Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	C1	00	01	$0.00	$0.00
Paint Filter - PASS	C1	00	01	$0.00	$0.00
NORM - PASS	C1	00	01	$0.00	$0.00
Additional Photos	C1	00	01	$0.00	$0.00
	17			$0.01	$0.13

SUBTOTAL ----> $0.13
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.14

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Customer Copy

------WEIGHT TICKET------

Ticket # 176588

Start:06/15/2023 12:[illegible] PM

End:06/15/2023 12:52 PM

By:owl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	16	00	16	$0.01	$0.16

Hauler: McNabb
Driver: Alvaro Tercero
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 04
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: CuYd
UOM Count: 16
PF Test Result: Pass
H2S Test: Pass

[illegible] - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
20			$0.01	$0.16

SUBTOTAL ----> $0.16
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.17

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Customer Copy

-----WEIGHT TICKET-----
Ticket # 176398
Start:06/15/2023 01:23 PM
End:06/15/2023 01:29 PM
By:owl.amy

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	13	00	13	$0.01	$0.13

Hauler: McNabb
Driver: Josh Bushy
Lease: Wilder CTB Valve
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: N/A
Client Company Man: Sam Widner
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dumps
UOM: Cuyd
UOM Count: 13
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS					
	C1	00	01	$0.00	$0.00
Paint Filter - PASS					
	C1	00	01	$0.00	$0.00
NORM - PASS					
	C1	00	01	$0.00	$0.00
Additional Photos					
	C1	00	01	$0.00	$0.00
	17			$0.01	$0.13

SUBTOTAL ----> $0.13
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.14

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Customer Copy

------WEIGHT TICKET------

Ticket # 176416

Start:06/15/2023 02:51 PM

End:06/15/2023 02:59 PM

By:owl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	16	00	16	$0.01	$0.16

Hauler: McNabb
Driver: Albaro Tercero
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 16
Client Company Man: Sam Kidmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: CuYd
UOM Count: 16
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS					
	C1	00	01	$0.00	$0.00
Paint Filter - PASS					
	C1	00	01	$0.00	$0.00
NORM - PASS					
	C1	00	01	$0.00	$0.00
Additional Photos					
	C1	00	01	$0.00	$0.00
	20			$0.01	$0.16

SUBTOTAL ----> $0.16
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.17

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Customer Copy

------WEIGHT TICKET------
Ticket # 176419
Start:06/15/2023 03:00 PM
End:06/15/2023 03:20 PM
By:owl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil			13	$0.01	$0.13

Hauler: McKaul
Driver: Josh Bushy
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 07
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: Yard
UOM Count: 13
PF Test Result: Pass
H2S Test: Pass

H2S Testing C1	PASS 00	01	$0.00	$0.00
Paint Filter - PASS C1	00	01	$0.00	$0.00
NORM - PASS C1	00	01	$0.00	$0.00
Additional Photos C1	00	01	$0.00	$0.00
17			$0.01	$0.13

SUBTOTAL ----> $0.13
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.14

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Customer Copy

------WEIGHT TICKET------

Ticket # 176597

Start:06/16/2023 12:07 PM

End:06/16/2023 12:17 PM

By:owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	00	16	0.01	$0.16

Hauler: McNabb Partners
Driver: Victor Manzano
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 8
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: CuYd
UOM Count: 16
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
20			$0.01	$0.16

SUBTOTAL ----> $0.16
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.17

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

-----WEIGHT TICKET-----

Ticket # 176625

Start:06/16/2023 02:19 PM

End:06/16/2023 02:28 PM

By:owl.leslie

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	16	00	16	$0.01	$0.16

Hauler: McNabb
Driver: Victor Manzano
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 09
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: CuYd
UOM Count: 16
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	C1	00	01	$0.00	$0.00
Paint Filter - PASS	C1	00	01	$0.00	$0.00
NORM - PASS	C1	00	01	$0.00	$0.00
Additional Photos	C1	00	01	$0.00	$0.00

20		$0.01	$0.16

SUBTOTAL ----> $0.16
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.17

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

powered by TrueCloudERP.com

Customer Copy

----WEIGHT TICKET----

Ticket # 177183

Start:06/19/2023 02:25 PM

End:06/19/2023 02:28 PM

By:owl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	18	00	18	$0.01	$0.18

Hauler: McNabb
Driver: Acie Mayberry
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 10
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Valve Can
Truck #7783

Customer Copy

----WEIGHT TICKET----
Ticket # 177235
Start:06/19/2023 04:34 PM
End:06/19/2023 04:45 PM
By:owl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	18	00	18	$0.01	$0.18

Hauler: McNabb
Driver: Adie Mayberry
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 11
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Valve Can
Truck M83

Customer Copy

WEIGHT TICKET

Ticket # 177383

Start:06/20/2023 11:17 AM

End:06/20/2023 11:31 AM

By:owl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	18	00	18	$0.01	$0.18

Hauler: McNabb
Driver: Acie Mayberry
Lease: Wilder CTB Valve Can
Well: N/A
API #: N/A
County, State: LEA (NM)
AFE #: N/A
Manifest #: 12
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CUYD
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Tested - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Valve Can
Truck NR3
1

Customer Copy

-----WEIGHT TICKET-----

Ticket # 177433

Start:06/20/2023 01:31 PM

End:06/20/2023 01:37 PM

By:owl.adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	00	18	$0.01	$0.18

Hauler: McNabb
Driver: Acie Mayberry
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 13
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: Cuyd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Valve Can
Truck MB3

Customer Copy

-----WEIGHT TICKET-----

Ticket # 177435

Start:06/20/2023 01:34 PM

End:06/20/2023 01:44 PM

By:owl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	18	00	18	$0.01	$0.18

Hauler: McNabb
Driver: Daniel Nevarez
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 14
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS					
	C1	00	01	$0.00	$0.00
Paint Filter - PASS					
	C1	00	01	$0.00	$0.00
NORM - PASS					
	C1	00	01	$0.00	$0.00
Additional Photos					
	C1	00	01	$0.00	$0.00
	22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/Licence:

Customer Copy

WEIGHT TICKET

Ticket # 177486

Start:06/20/2023 03:48 PM

End:06/20/2023 04:04 PM

By:owl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	18	00	18	$0.01	$0.18

Hauler: McNabb
Driver: Acie Mayberry
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 15
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Valve Can
Truck MB3

Customer Copy

-----WEIGHT TICKET-----

Ticket # 177494

Start:06/20/2023 03:59 PM

End:06/20/2023 04:19 PM

By:owl.adan

	TARE	NET	PRICE	AMOUNT
il				
	00	18	$0.01	$0.18

el Nevarez

er CTB Valve Can

A

State: LEA (NM)

N/A

Test #: 16

Client Company Man: Sam Widmer

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	$0.00	$0.00

Paint Filter - PASS

C1	00	01	$0.00	$0.00

NORM - PASS

C1	00	01	$0.00	$0.00

Additional Photos

C1	00	01	$0.00	$0.00

22	$0.01	$0.18

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

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Customer Copy

WEIGHT TICKET

Ticket # 177672

Start:06/21/2023 11:40 AM

End:06/21/2023 11:46 AM

By:cwl.adan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	18	00	18	$0.01	$0.18

Hauler: McNabb
Driver: Acie Mayberry
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 17
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: 3Uyd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Valve Can
Truck MB3

Customer Copy

WEIGHT TICKET

Ticket # 177728

Start:06/21/2023 03:07 PM

End:06/21/2023 03:14 PM

By:owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	00	18	$0.01	$0.18

Hauler: McNabb Partners
Driver: Acie Mayberry
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 18
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Valve Can

Truck m83

Customer Copy

-----WEIGHT TICKET-----
Ticket # 177753
Start:06/21/2023 04:18 PM
End:06/21/2023 04:23 PM
by:owl,adan

	GOSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	16	00	16	$0.01	$0.16

Hauler: McNabb
Driver: Victor Manzano
Lease: Wilder CTB Valve Can
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 19
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: CuYd
UOM Count: 16
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
20			$0.01	$0.16

SUBTOTAL ----> $0.16
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.17

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Customer Copy

WEIGHT TICKET

Ticket # 177900

Start:06/22/2023 10:18 AM

End:06/22/2023 10:21 AM

By:OWL.Ivan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	20	00	20	$0.01	$0.20

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

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
24			$0.01	$0.20

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

Customer: ConocoPhillips Company
Driver: Karen Work
COMMENTS:

Wilder CTB Valve Can
Truck M83
Acie

-----WEIGHT TICKET-----

Ticket # 177902

Start:06/22/2023 10:23 AM

End:06/22/2023 10:27 AM

By:OWL.Ivan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	16	00	16	$0.01	$0.16

Hauler: McNabb
Driver: Alfaro Tarcero
Lease: Wilder CTB Valve Can Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Trucks #31
UOM: CuYd
UOM Count: 16
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
20			$0.01	$0.16

SUBTOTAL ----> $0.16
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.17

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

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Customer Copy

WEIGHT TICKET

Ticket # 177906

Start:06/22/2023 10:35 AM

End:06/22/2023 10:39 AM

By:owl.gina

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	18	00	18	$0.01	$0.18

Hauler: McNabb Partners
Driver: JR Heredia
Lease: Wilder CTB Value Can Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 22
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: End Dump
UOM: Cuyd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS					
	C1	00	01	$0.00	$0.00
Paint Filter - PASS					
	C1	00	01	$0.00	$0.00
NORM - PASS					
	C1	00	01	$0.00	$0.00
Additional Photos					
	C1	00	01	$0.00	$0.00

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Customer Copy

-----WEIGHT TICKET-----

Ticket # 177947

Start:06/22/2023 12:49 PM

End:06/22/2023 01:02 PM

By:owl.gina

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	18	00	18	$0.01	$0.18

Hauler: McNabb Partners
Driver: Acie Mayberry
Lease: Wilder CTB Value Can Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: Cyrd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	C1	00	01	$0.00	$0.00
Paint Filter - PASS	C1	00	01	$0.00	$0.00
NORM - PASS	C1	00	01	$0.00	$0.00
Additional Photos	C1	00	01	$0.00	$0.00

22	$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wildee CTB Valve Can
Truck 183

-----WEIGHT TICKET-----

Ticket # 177951

Start:06/22/2023 01:09 PM

End:06/22/2023 01:15 PM

By:OWL.Ivan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	16	00	16	$0.01	$0.16

Hauler: McNabb Partners
Driver: Albaro Tercero
Lease: Wilder CTB Valve Can Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Trucks
UOM: CuYd
UOM Count: 16
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
20			$0.01	$0.16

SUBTOTAL ----> $0.16
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.17

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

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Customer Copy

------WEIGHT TICKET------
Ticket # 177979
Start:06/22/2023 03:06 PM
End:06/22/2023 03:13 PM
By:owl.gina

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	18	00	18	$0.01	$0.18

Hauler: McNabb Partners
Driver: Acie Mayberry
Lease: Wilder CTB Value Can Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 25
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: CuYd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS					
	C1	00	01	$0.00	$0.00
Paint Filter - PASS					
	C1	00	01	$0.00	$0.00
NORM - PASS					
	C1	00	01	$0.00	$0.00
Additional Photos					
	C1	00	01	$0.00	$0.00
	22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Value Can
Truck MB.3

Customer Copy

WEIGHT TICKET

Ticket # 177981

Start:06/22/2023 03:12 PM

End:06/22/2023 03:21 PM

By:owl.gina

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	16	00	16	$0.01	$0.16

Hauler: McNabb Partners
Driver: Albaro Tercero
Lease: Wilder CTB Value Can Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 26
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: CuYd
UOM Count: 16
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS C1	00	01	$0.00	$0.00
Paint Filter - PASS C1	00	01	$0.00	$0.00
NORM - PASS C1	00	01	$0.00	$0.00
Additional Photos C1	00	01	$0.00	$0.00
20			$0.01	$0.16

SUBTOTAL ----> $0.16
TAX ----> $0.01
ROUNDING ----> $0.00
TOTAL ----> $0.17

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Customer Copy

WEIGHT TICKET

Ticket # 178177
Start:06/23/2023 11:10 AM
End:06/23/2023 11:18 AM
By:owl.gina

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	18	00	18	$0.01	$0.18

Hauler: McNabb
Driver: Acie Mayberry
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump truck
UOM: CuYd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	C1	00	01	$0.00	$0.00
Paint Filter - PASS	C1	00	01	$0.00	$0.00
NORM - PASS	C1	00	01	$0.00	$0.00
Additional Photos	C1	00	01	$0.00	$0.00

22		$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Valve Cap
Truck M83

WEIGHT TICKET

Ticket # 178230

Start:06/23/2023 01:51 PM

End:06/23/2023 02:02 PM

By:owl.judy

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	16	00	16	$0.01	$0.16

Hauler: McNabb
Driver: Alvaro Tercero
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump truck
UOM: CuYd
UOM Count: 16
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS	C1	00	01	$0.00	$0.00
Paint Filter - PASS	C1	00	01	$0.00	$0.00
NORM - PASS	C1	00	01	$0.00	$0.00
Additional Photos	C1	00	01	$0.00	$0.00
	20			$0.01	$0.16

SUBTOTAL ---> $0.16
TAX ---> $0.01
ROUNDING ---> $0.00
TOTAL ---> $0.17

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Customer Copy

WEIGHT TICKET

Ticket # 178232
Start:06/23/2023 01:55 PM
End:06/23/2023 02:06 PM
By:owl.judy

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	18	00	18	$0.01	$0.18

Hauler: McNabb
Driver: Acie Mayberry
Lease: Wilder CTB
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: 3Uyd
UOM Count: 18
FF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS C1	00	01	$0.00	$0.00
Paint Filter - PASS C1	00	01	$0.00	$0.00
H2S Testing - PASS C1	00	01	$0.00	$0.00
Additional Photos C1	00	01	$0.00	$0.00

22	$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Valve Can
Truck M 83

Customer Copy

WEIGHT TICKET

Ticket # 179852
Start:06/26/2023 10:53 AM
End:06/26/2023 11:03 AM
By:cwl.gina

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
-20/18	00		20	$0.01	$0.20

Hauler: McNabb Partners
Driver: Acie MayBerry
Lease: Wilder CTB Value Can Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Manifest #: 30
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps
UOM: Cuyd
UOM Count: 20
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS C1	00	01	$0.00	$0.00
Paint Filter - PASS C1	00	01	$0.00	$0.00
NORM - PASS C1	00	01	$0.00	$0.00
Additional Photos C1	00	01	$0.00	$0.00

24		$0.01	$0.20

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

Customer : ConocoPhillips Company
Driver: Karen Work
ID/License:

Wilder CTB Value Can
Truck M83

Customer Copy

----WEIGHT TICKET----

Ticket # 178868

Start:06/26/2023 11:38 AM

End:06/26/2023 11:58 AM

By:OWL.Ivan

	GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil					
	18	00	18	$0.01	$0.18

Hauler: McNabb Partners
Driver: Jr Ateredia
Lease: Wilder CTB Valve Can Release
Well: N/A
AFE #: N/A
County, State: LEA (NM)
API #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Belly Dumps #81
UOM: CuYd
UOM Count: 18
PF Test Result: Pass
H2S Test: Pass

H2S Testing - PASS				
C1	00	01	$0.00	$0.00
Paint Filter - PASS				
C1	00	01	$0.00	$0.00
NORM - PASS				
C1	00	01	$0.00	$0.00
Additional Photos				
C1	00	01	$0.00	$0.00
22			$0.01	$0.18

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

Customer: ConocoPhillips Company
Driver: Karen Work
ID/License:

APPENDIX F
Analytical Laboratory Data

CARDINAL Laboratories

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

June 20, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB VALVE CAN RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/19/23 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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 1 (H233165-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.02	101	2.00	0.248	
Toluene*	<0.050	0.050	06/20/2023	ND	1.92	96.1	2.00	0.481	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	1.92	95.8	2.00	0.504	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	5.75	95.8	6.00	2.23	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	06/20/2023	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	06/20/2023	ND	215	108	200	6.17	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	205	103	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *87.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 2 (H233165-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.02	101	2.00	0.248	
Toluene*	<0.050	0.050	06/20/2023	ND	1.92	96.1	2.00	0.481	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	1.92	95.8	2.00	0.504	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	5.75	95.8	6.00	2.23	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	06/20/2023	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	06/20/2023	ND	215	108	200	6.17	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	205	103	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

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

Surrogate: 1-Chlorooctadecane *88.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 3 (H233165-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.02	101	2.00	0.248	
Toluene*	<0.050	0.050	06/20/2023	ND	1.92	96.1	2.00	0.481	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	1.92	95.8	2.00	0.504	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	5.75	95.8	6.00	2.23	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	06/20/2023	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	06/20/2023	ND	215	108	200	6.17	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	205	103	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *92.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 4 (H233165-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2023	ND	2.11	105	2.00	1.38	QR-03
Toluene*	<0.050	0.050	06/19/2023	ND	2.32	116	2.00	0.912	QR-03
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	2.26	113	2.00	1.12	QR-03
Total Xylenes*	<0.150	0.150	06/19/2023	ND	6.87	115	6.00	1.40	QR-03
Total BTEX	<0.300	0.300	06/19/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

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

Surrogate: 1-Chlorooctadecane *98.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 5 (H233165-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/19/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/19/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/19/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *69.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.8 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 6 (H233165-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/19/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/19/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/19/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *89.6 %* *48.2-134*

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

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Analytical Results For:

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901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
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Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 7 (H233165-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *63.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *65.5 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 8 (H233165-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

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

Surrogate: 1-Chlorooctadecane *88.6 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 9 (H233165-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *85.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.4 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: SSW - 1 (H233165-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *89.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: ESW - 1 (H233165-11)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *76.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.5 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: ESW - 2 (H233165-12)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *84.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.5 %* *49.1-148*

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Analytical Results For:

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Fax To: (432) 682-3946

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: ESW - 3 (H233165-13)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	06/20/2023	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	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *80.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: NSW - 1 (H233165-14)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *93.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: NSW - 2 (H233165-15)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: CSW - 1 (H233165-16)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *93.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.4 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: CSW - 2 (H233165-17)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *92.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.7 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: CSW - 3 (H233165-18)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *85.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.3 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: CSW - 4 (H233165-19)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *86.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.8 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 1 (H233165-20)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *90.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.1 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 2 (H233165-21)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *83.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.6 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 3 (H233165-22)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *94.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.7 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 4 (H233165-23)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.11	105	2.00	1.38	
Toluene*	<0.050	0.050	06/20/2023	ND	2.32	116	2.00	0.912	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.26	113	2.00	1.12	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.87	115	6.00	1.40	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *98.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.9 %* *49.1-148*

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Analytical Results For:

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

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: WSW - 5 (H233165-24)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.04	102	2.00	0.949	
Toluene*	<0.050	0.050	06/20/2023	ND	2.27	113	2.00	1.93	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.25	112	2.00	0.653	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	6.85	114	6.00	0.632	
Total BTEX	<0.300	0.300	06/20/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/20/2023	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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech	BILL TO
Project Manager: Ryan Dickerson	P.O. #:
Address: 8911 Capital o Texas Hwy, Suite 2310	Company: Tetra Tech
City: Austin State: TX Zip:	Attn: Ryan Dickerson
Phone #: (512)565-0190 Fax #:	Address: EMAIL
Project #: 212C-MD-03088 Project Owner: ConocoPhillips	City:
Project Name: Wilder CTB Valve Can Release	State: Zip:
Project Location: Lea County, New Mexico	Phone #:
Sampler Name: Colton Bickerstaff	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500CI-B	HOLD
H233165																		
1	FS-1	G	1			X					X		6/19/2023		X	X	X	
2	FS-2	G	1			X					X		6/19/2023		X	X	X	
3	FS-3	G	1			X					X		6/19/2023		X	X	X	
4	FS-4	G	1			X					X		6/19/2023		X	X	X	
5	FS-5	G	1			X					X		6/19/2023		X	X	X	
6	FS-6	G	1			X					X		6/19/2023		X	X	X	
7	FS-7	G	1			X					X		6/19/2023		X	X	X	
8	FS-8	G	1			X					X		6/19/2023		X	X	X	
9	FS-9	G	1			X					X		6/19/2023		X	X	X	
10	SSW-1	G	1			X					X		6/19/2023		X	X	X	

ANALYSIS REQUEST

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

Relinquished By: Colton Bickerstaff	Date: 6/19/23 Time: 1540	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
Relinquished By:	Date: Time:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.4 Corrected Temp. °C 1.8	Sample Condition Cool Intact ☑ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush: YES, 24hr. TAT ✱ Cool Intact Observed Temp. °C
Thermometer ID #113 ☐ Yes ☐ Yes
Correction Factor -0.5°C ☐ No ☐ No Corrected Temp. °C

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

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech			BILL TO		ANALYSIS REQUEST
Project Manager: Ryan Dickerson			P.O. #:		
Address: 8911 Capital o Texas Hwy, Suite 2310			Company: Tetra Tech		
City: Austin	State: TX	Zip:	Attn: Ryan Dickerson		
Phone #: (512)565-0190	Fax #:		Address: EMAIL		
Project #: 212C-MD-03088	Project Owner:	ConocoPhillips	City:		
Project Name: Wilder CTB Valve Can Release			State:	Zip:	
Project Location: Lea County, New Mexico			Phone #:		
Sampler Name: Colton Bickerstaff			Fax #:		

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500CI-B	HOLD
H233165																		
11	ESW-1	G	1			X					X		6/19/2023		X	X	X	
12	ESW-2	G	1			X					X		6/19/2023		X	X	X	
13	ESW-3	G	1			X					X		6/19/2023		X	X	X	
14	NSW-1	G	1			X					X		6/19/2023		X	X	X	
15	NSW-2	G	1			X					X		6/19/2023		X	X	X	
16	CSW-1	G	1			X					X		6/19/2023		X	X	X	
17	CSW-2	G	1			X					X		6/19/2023		X	X	X	
18	CSW-3	G	1			X					X		6/19/2023		X	X	X	
19	CSW-4	G	1			X					X		6/19/2023		X	X	X	
20	WSW-1	G	1			X					X		6/19/2023		X	X	X	

Relinquished By: Colton Bickerstaff	Date: 6/19/23	Received By:	Verbal Result: ☐ Yes ☐ No	Add'l Phone #:
	Time: 1540		All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com	
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.4 Corrected Temp. °C 1.8	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials) T.O.	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: YES, 24hr. TAT ✱ Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.5°C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech	**BILL TO**
Project Manager: Ryan Dickerson	P.O. #:
Address: 8911 Capital o Texas Hwy, Suite 2310	Company: Tetra Tech
City: Austin State: TX Zip:	Attn: Ryan Dickerson
Phone #: (512)565-0190 Fax #:	Address: EMAIL
Project #: 212C-MD-03088 Project Owner: ConocoPhillips	City:
Project Name: Wilder CTB Valve Can Release	State: Zip:
Project Location: Lea County, New Mexico	Phone #:
Sampler Name: Colton Bickerstaff	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015M	BTEX 8021B	Chloride SM4500CI-B	HOLD
H233165																		
21	WSW-2	G	1			X					X		6/19/2023		X	X	X	
22	WSW-3	G	1			X					X		6/19/2023		X	X	X	
23	WSW-5.4 T: 6/19/23	G	1			X					X		6/19/2023		X	X	X	
24	WSW-5	G	1			X					X		6/19/2023		X	X	X	

Relinquished By: Colton Bickerstaff	Date: 6/19/23 Time: 1540	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
Relinquished By:	Date: Time:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.4 Corrected Temp. °C 1.8	Sample Condition Cool: Yes Intact: Yes / No No	CHECKED BY: (Initials) T.O.

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush: YES, 24hr. TAT ✱ Cool Intact Observed Temp. °C
Thermometer ID #113 Correction Factor -0.5°C ☐Yes ☐Yes ☐No ☐No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

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

June 23, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WILDER CTB VALVE CAN RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/22/23 15:30.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 10 (H233246-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	06/23/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	161	80.7	200	2.48	QM-07
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	162	80.8	200	0.436	QM-07
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane *87.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 11 (H233246-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	06/23/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	161	80.7	200	2.48	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	162	80.8	200	0.436	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane *91.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 12 (H233246-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	06/23/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	161	80.7	200	2.48	
DRO >C10-C28*	**13.6**	10.0	06/23/2023	ND	162	80.8	200	0.436	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 13 (H233246-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	06/23/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	161	80.7	200	2.48	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	162	80.8	200	0.436	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 14 (H233246-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	06/23/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	161	80.7	200	2.48	
DRO >C10-C28*	**17.4**	10.0	06/23/2023	ND	162	80.8	200	0.436	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane *99.9 %* *48.2-134*

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: FS - 15 (H233246-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/23/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	161	80.7	200	2.48	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	162	80.8	200	0.436	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *130 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	WILDER CTB VALVE CAN RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03088	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

Sample ID: CSW - 5 (H233246-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	06/23/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	161	80.7	200	2.48	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	162	80.8	200	0.436	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane *86.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech	**BILL TO**
Project Manager: Ryan Dickerson	P.O. #:
Address: 8911 Capital o Texas Hwy, Suite 2310	Company: Tetra Tech
City: Austin State: TX Zip:	Attn: Ryan Dickerson
Phone #: (512)565-0190 Fax #:	Address: EMAIL
Project #: 212C-MD-03088 Project Owner: ConocoPhillips	City:
Project Name: Wilder CTB Valve Can Release	State: Zip:
Project Location: Lea County, New Mexico	Phone #:
Sampler Name: Colton Bickerstaff	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500CI-B	HOLD
H233246-1	FS-10	G	1			X					X		6/22/2023		X	X	X	
2	FS-11	G	1			X					X		6/22/2023		X	X	X	
3	FS-12	G	1			X					X		6/22/2023		X	X	X	
4	FS-13	G	1			X					X		6/22/2023		X	X	X	
5	FS-14	G	1			X					X		6/22/2023		X	X	X	
6	FS-15	G	1			X					X		6/22/2023		X	X	X	
7	CSW-5	G	1			X					X		6/22/2023		X	X	X	

ANALYSIS REQUEST

Relinquished By: Colton Bickerstaff	Date: 6/22/23 Time: 530	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
Relinquished By:	Date: Time:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.3 Corrected Temp. °C 4.7	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials) TO

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush: YES, 24hr. TAT ☒ Cool Intact Observed Temp. °C
Thermometer ID #113
Correction Factor -0.5°C
☐ Yes ☐ Yes
☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

APPENDIX G
Photographic Documentation

TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View south/southeast of completed 4' excavation area.	1
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/26/2023

TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View north/northwest of completed 4' excavation area.	2
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/26/2023

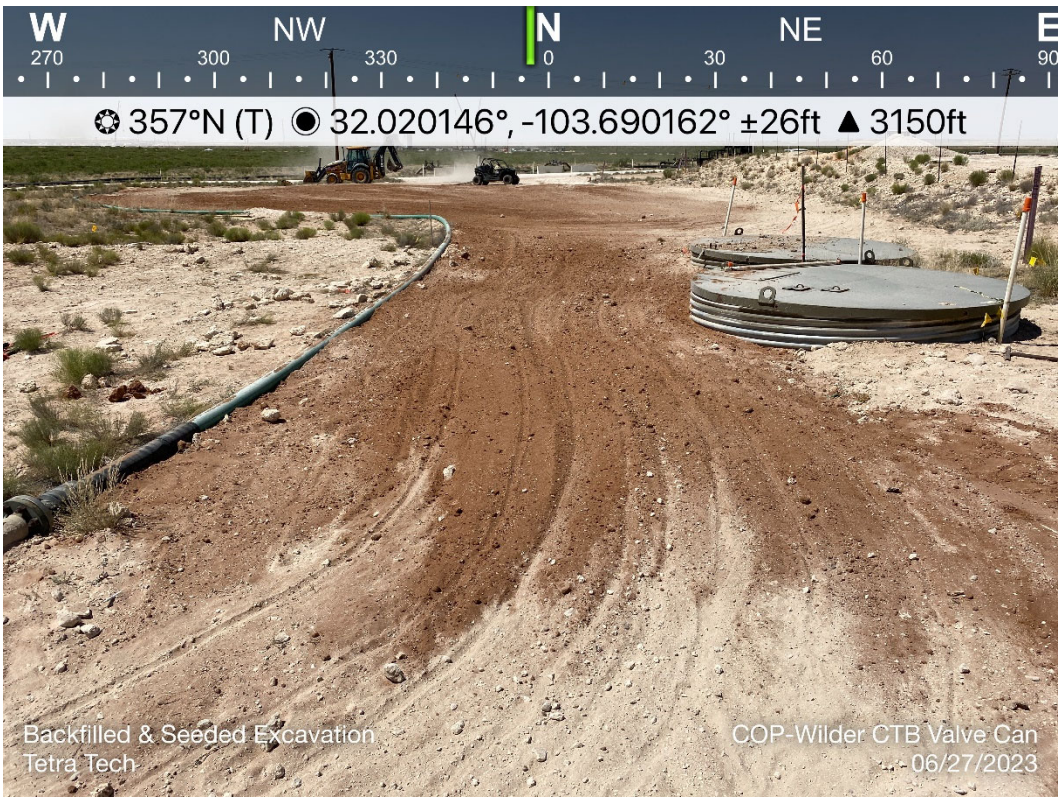
TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View north/northwest of completed 4' excavation area.	3
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/26/2023

TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View north/northwest of valve cans and completed 4' excavation area.	4
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/26/2023

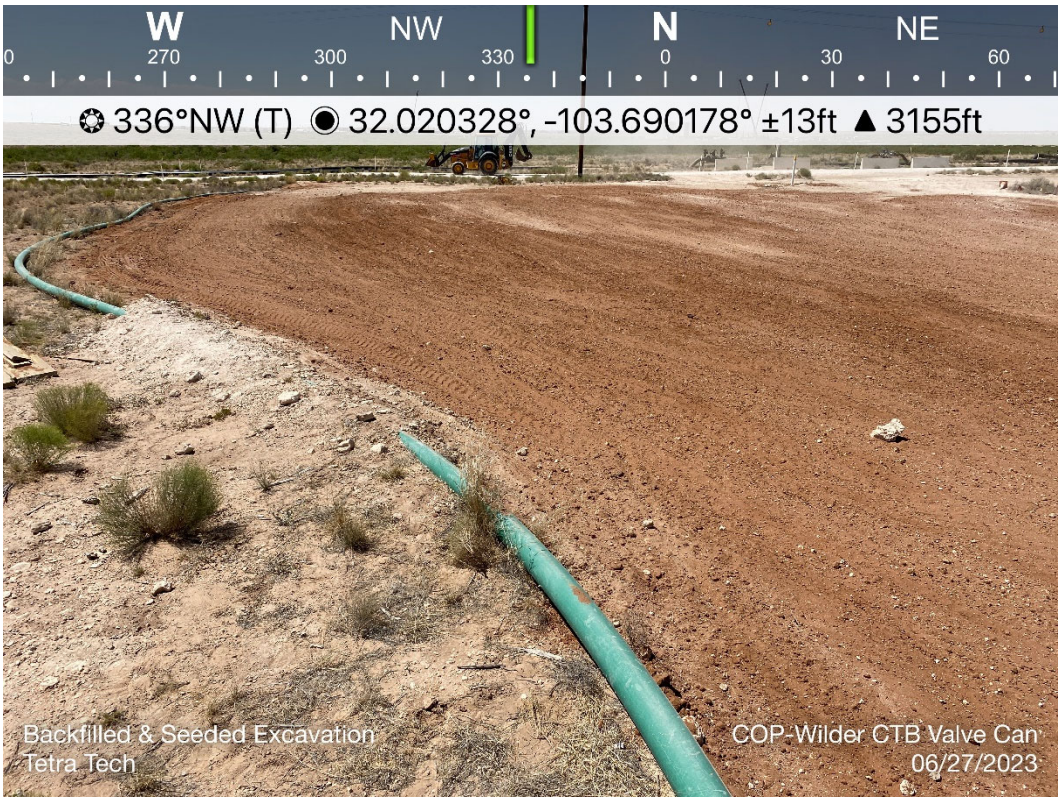
TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View north/northwest of completed 4' excavation area.	5
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/26/2023

TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View northwest of completed 4' excavation area.	6
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/26/2023

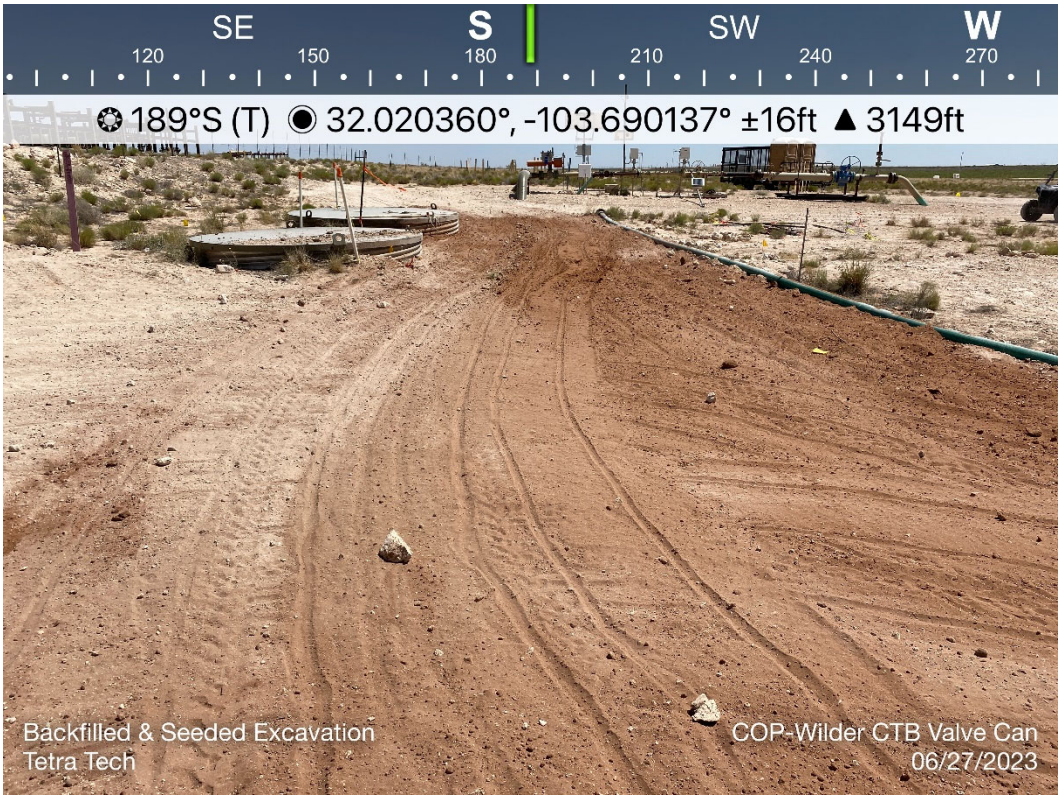
TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View south of completed 4' excavation area.	7
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/26/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View north of backfilled and seeded excavation area.	8
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/27/2023

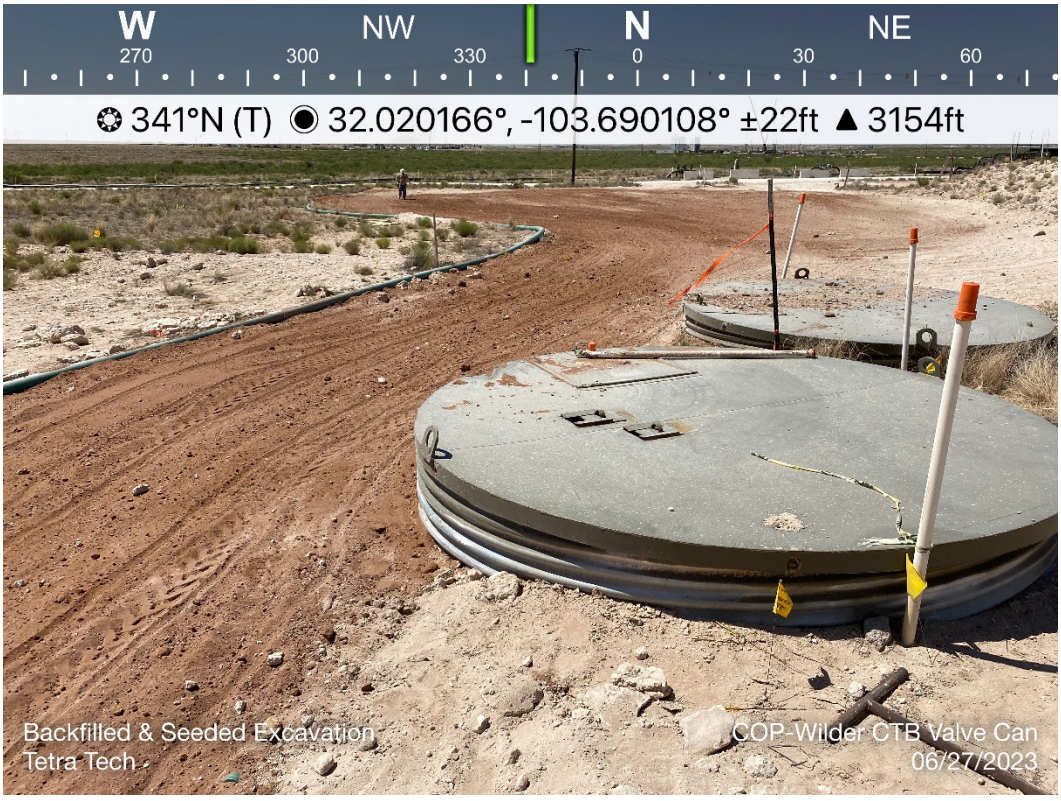


TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View north/northwest of backfilled and seeded excavation area.	9
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/27/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View south of backfilled and seeded excavation area.	10
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/27/2023

TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View south of backfilled and seeded excavation area.	11
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/27/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03088	DESCRIPTION	View north/northwest of backfilled and seeded excavation area. Valve cans shown.	12
	SITE NAME	ConocoPhillips Wilder CTB Valve Can	06/27/2023

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 244942

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 244942
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	10/24/2023