

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:

Site RRAL
20,000 mg/kg
2,500 mg/kg
1,000 mg/kg
50 mg/kg
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.

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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.

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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 SM4500CI-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

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

Christian M. Llull, P.G. Program Manager

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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

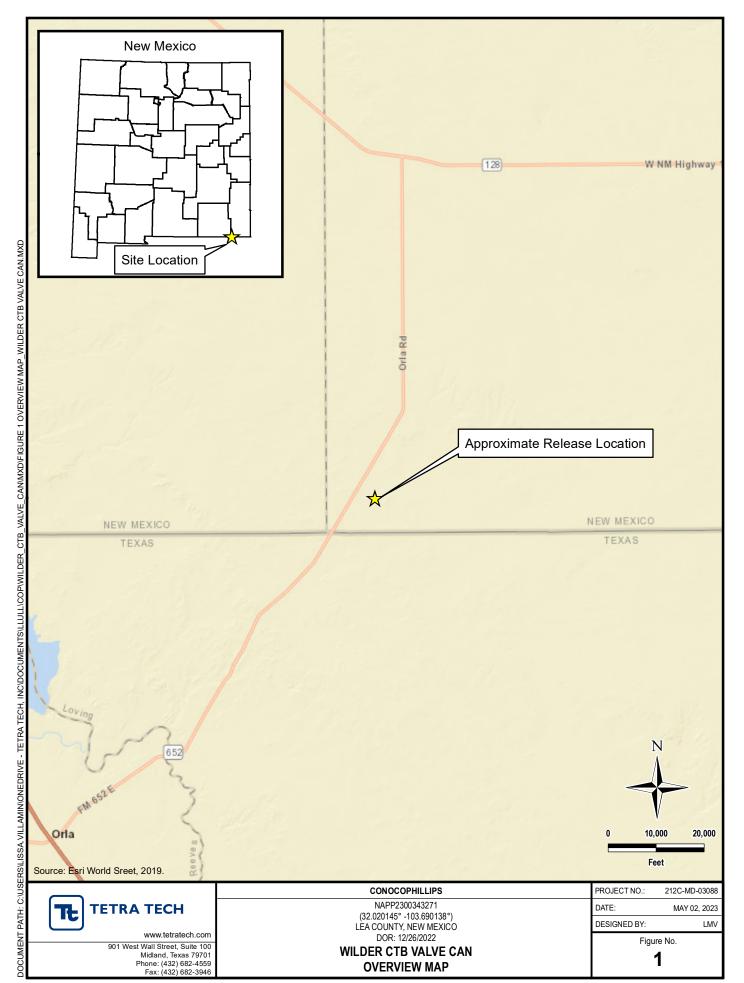
Appendix D – COP Drone Imagery

Appendix E – Waste Manifests

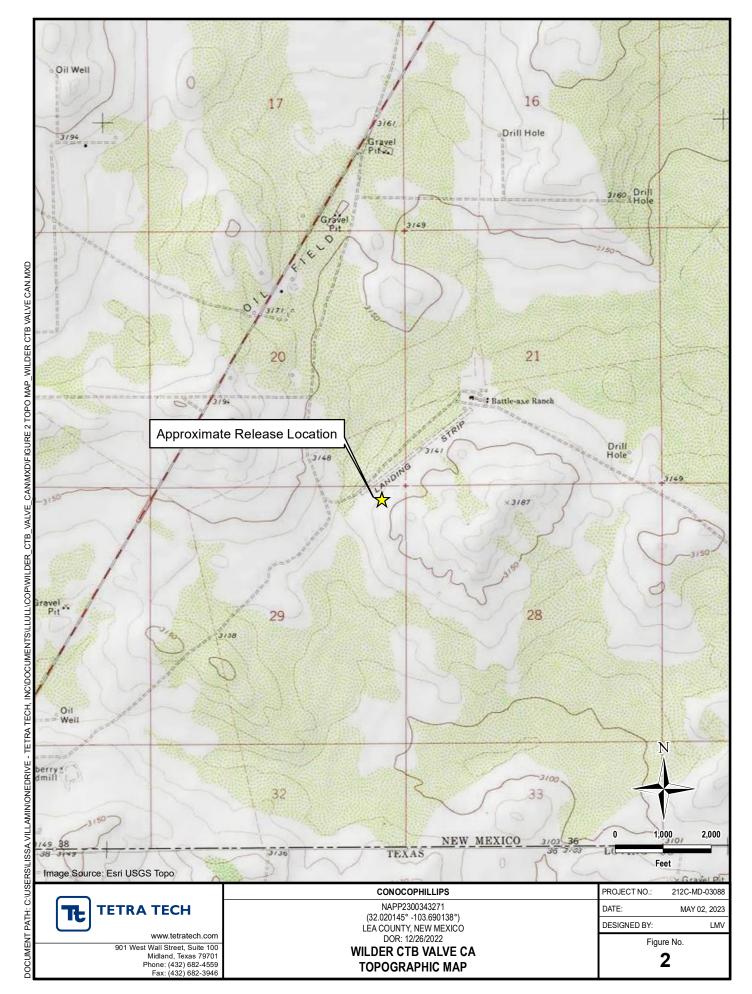
Appendix F - Analytical Laboratory Data

Appendix G – Photographic Documentation

FIGURES

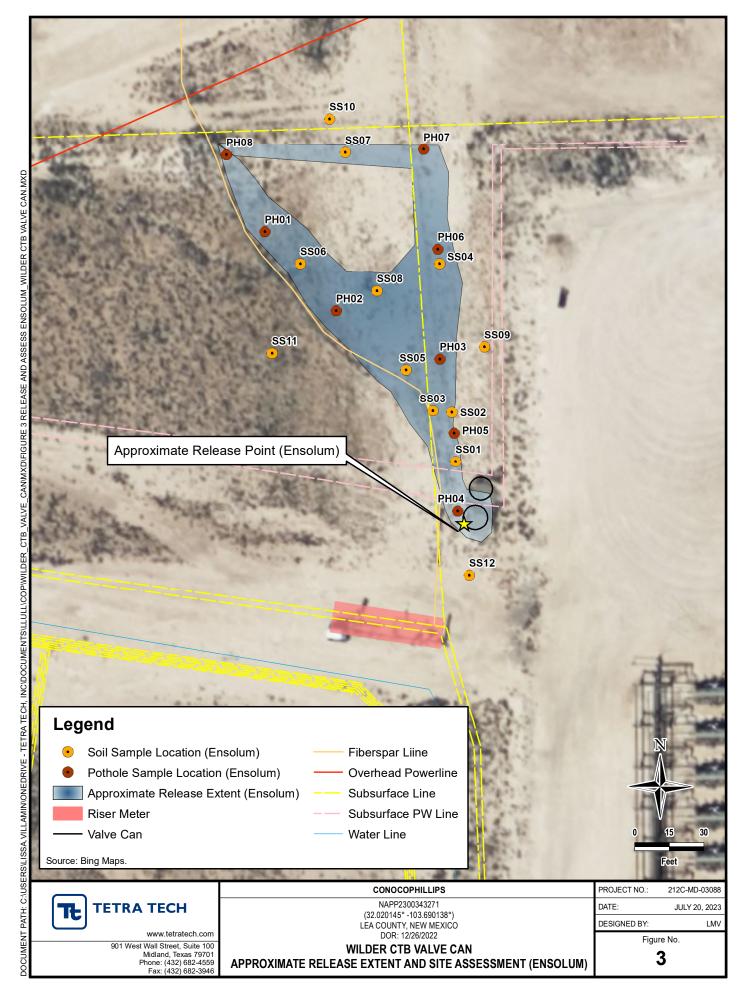


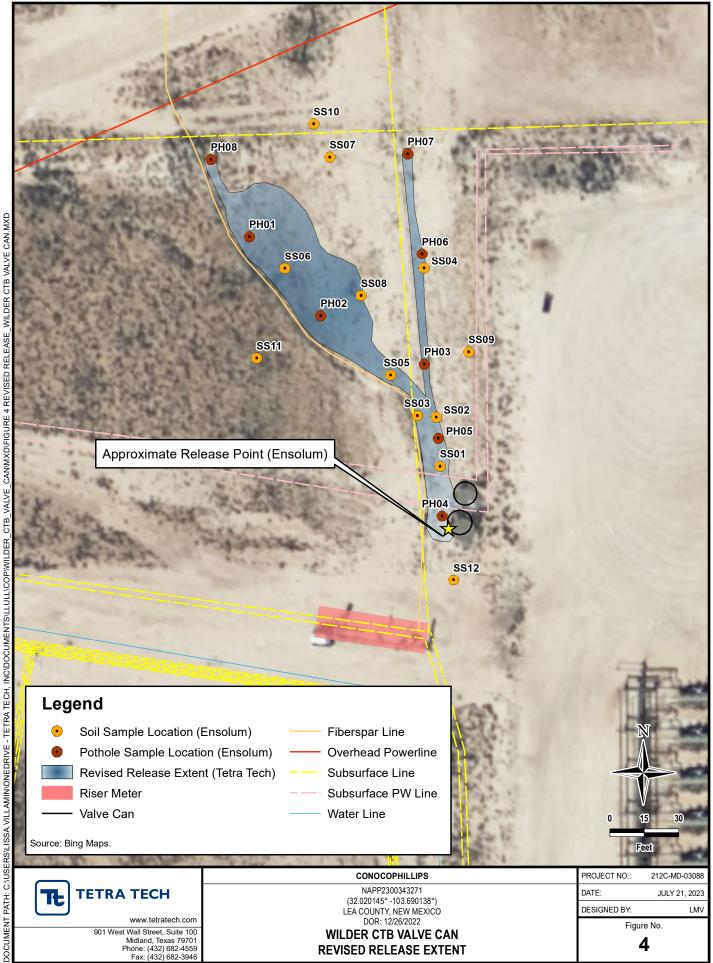
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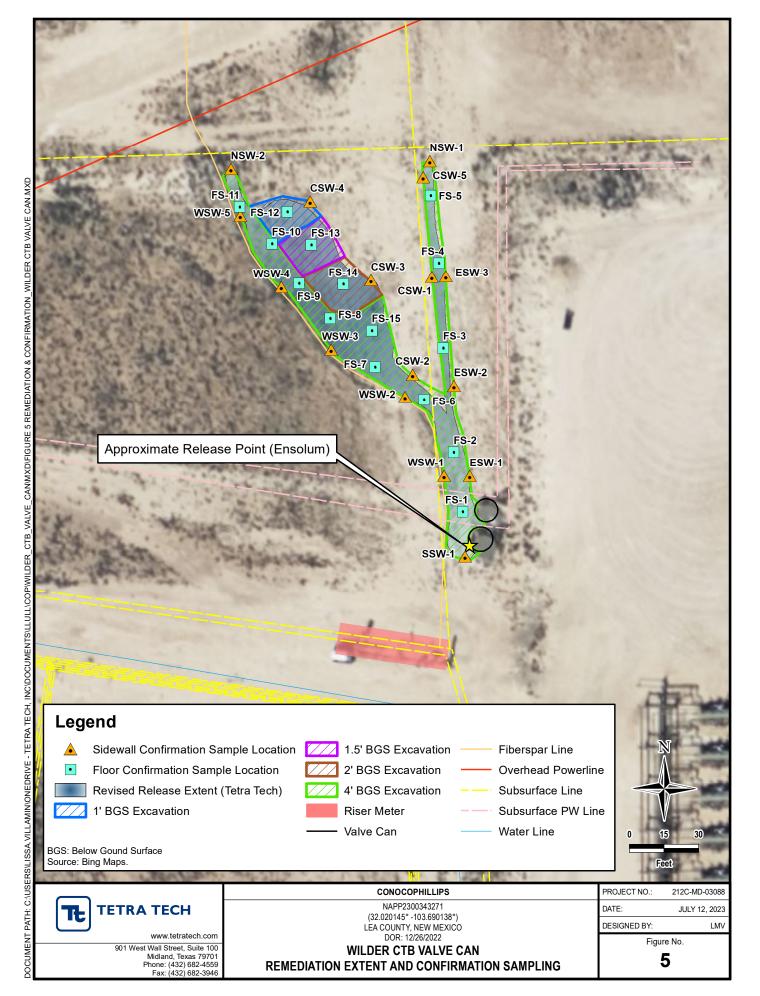


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TABLES

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

								ТРН		
		Sample Depth	Chloride	Benzene	Total BTEX	GRO	DRO	EXT DRO	Total TPH	
						C ₆ - C ₁₀	> C ₁₀ - C ₂₈	> C ₂₈ - C ₃₆	(GRO+DRO+EXT DRO)	
Sample ID	Sample Date	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:	<u>600 mq/kq</u>	<u>< 10 mq/kq</u>	<u>< 50 mq/kq</u>				<u>100 mg/kg</u>	
		Closure Criteria for Soils >4' bgs (GW >100 ft):	<u>20,000 mg/kg</u>	<u>< 10 mg/kq</u>	<u>< 50 mq/kq</u>				<u>2500 mg/kg</u>	
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		<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	

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

								ТРН	
		Sample Depth	Chloride	Benzene	Total BTEX	GRO	DRO	EXT DRO	Total TPH
						C ₆ - C ₁₀	> C ₁₀ - C ₂₈	> C ₂₈ - C ₃₆	(GRO+DRO+EXT DRO)
Sample ID	Sample Date	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:	<u>600 mq/kq</u>	<u>< 10 mq/kq</u>	<u>< 50 mg/kg</u>				<u>100 mg/kg</u>
		Closure Criteria for Soils >4' bgs (GW >100 ft):	<u>20,000 mg/kg</u>	<u>< 10 mg/kg</u> <u>< 50 mg/kg</u>		<u>a</u>			<u>2500 mq/kq</u>
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

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

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

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

					BTEX ²							ТРН ³									
		Sample Depth	Sample Depth Chloride ¹				Talua		Fabridh e a		Tetel Vel		Tetel DTCN		GRO)	DRC)	EXT D	RO	Total TPH
					Benzei	ne	Toluer	ne	Ethylben	zene	Total Xyl	enes	Total BTEX		C ₆ - C	10	> C ₁₀ -	C ₂₈	> C ₂₈ -	C ₃₆	(GRO+DRO+EXT DRO)
Sample ID	Sample Date	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:	<u>600 mg</u>	<u>/kg</u>	<u>< 10 mg</u>	<u>/kg</u>					-		<u>< 50 mg/kg</u>	<u>!</u>			-		-		<u>100 mg/kg</u>
		Closure Criteria for Soils >4' bgs (GW >100 ft):	<u>20,000 m</u>	<u>g/kg</u>	<u>< 10 mg</u>	<u>/kg</u>			-				<u>< 50 mg/kg</u>	!			-				<u>2500 mg/kg</u>
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	1	<0.050		<0.050	1	<0.150		<0.300		<10.0	1	<10.0	1	<10.0	1	-
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	1	<0.050		<0.050		<0.150		<0.300		<10.0		<10.0	1	<10.0	1	-
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																					

<u>NOTES:</u> ft.

Released to Imaging: 10/24/2023 11:01:06 AM

- TPH Total Petroleum Hydrocarbons GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500CI-B
- 2 Method 8021B
- 3 Method 8015M

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

QUALIFIERS: QR-07 QM-07

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

Page 15 of 114

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

.

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

-103.6900

Longitude ______ (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
Α	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.

Page	2
1 ugo	_

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 <u>not</u> 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:	Date: 01/03/2023 Telephone: (432) 221-0398
OCD Only Received by: Jocelyn Harimon	Date: 01/03/2023

Received by OCD: 1/3/2023 12:05:27 PM Facility Name & Well Number(s):			Wilder CTB				Release Disco	very Date & Time:	12/26/22 9:00AM	NAPP2	30034 <mark>3271^{e 3} of 4</mark>	
	Pr	ovide any known d	etails about the event:	4" carbon steel check valve I	eak develo	ped in valve c	an #3. Line carr	ries fluid from sta	ateline road batteri	es to the wilder C	TB.	
				Recovered Volume (bbl.) (if available, not included in volume calculations)	Deterr	hod of mination pdown)	Release Typ	e (dropdown):		n Last 24 Hours down):		covered (not included ations, informational):
BU:	Permian 🗸	Asset Area:	DBE - Asset Avg.	160	Field Me	asurement ~	Oil M	lixture 🗸		lo ~		0%
		Know	n Volume (dropdown):	No								
			own Area (dropdown):	Yes	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 Liquid other than Oi (bbl.)
	Imaging: 1/3/2023 1:45:43 PM	М		~	6977	24	Off-Pad ∨	0%	15.02%	373.07	1.00	372.07
7:33:31 PM												023 11:01:06

•

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

MA 80:10:11 £202/42/01 :gnigaml of besedes 4

CONDITIONS

Action 171711

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

CONDITIONS

Created By		Condition Date
jharimon	None	1/3/2023

CONDITIONS

State of New Mexico Oil Conservation Division MA 80:10:11 E202/42/01 :gnigaml ot besaeled

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?	<u>>100 (ft bgs)</u>
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 ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- \boxtimes Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Form C-141 State of New Mexic			WV 90:10:11 EZO	<u>2/42/01 :SuigpmI ot bezoeleA</u>
F01111 C-141			Incident ID	NAPP2300343271
Page 4	Oil Conservation Divisi	rvation Division		
			Facility ID	fAPP2129429037
			Application ID	
regulations all operators public health or the env failed to adequately inv addition, OCD acceptar and/or regulations. Printed Name: Signature:	information given above is true and complete to s are required to report and/or file certain release tironment. The acceptance of a C-141 report by estigate and remediate contamination that pose a nee of a C-141 report does not relieve the operato ob Laird	notifications and perform c the OCD does not relieve th threat to groundwater, surfa	orrective actions for rel e operator of liability shace water, human health liance with any other fe l Engineer	eases which may endanger nould their operations have n or the environment. In ederal, state, or local laws
OCD Only Received by:	Jocelyn Harimon	Date: <u>03</u> /	27/2023	

Form C-141 Page 5 State of New Mexico Oil Conservation Division

W	V 90:	10:11	eleased to Imaging: 10/24/2023	Z
				1

Incident ID	NAPP2300343271
District RP	
Facility ID	fAPP2129429037
Application ID	

Remediation Plan

<u>Remediation Plan Checklist</u>: 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

 $\overline{\boxtimes}$ 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: Date: Date:				
Signature:				
OCD Only				
Received by: Jocelyn Harimon Date:03/27/2023				
Approved With Attached Conditions of Approval Denied Deferral Approved				
Signature:				

Page 6

Oil Conservation Division

Incident ID	NAPP2300343271
District RP	
Facility ID	fAPP2129429037
Application ID	

Page 24 of 114

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.

<u>Closure Report Attachment Checklist</u>: 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:	Widmer — DocuSigned by:	Princ	ipal Program Manager
Signature:	<u>Som Widner</u> <u>5454CA5BAD33498</u> conocophillips.com		007-227-1777
OCD Only			
Received by:		Date:	
remediate contamination t		water, human healt	their operations have failed to adequately investigate and th, or the environment nor does not relieve the responsible
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></sjtaylor@blm.gov>
Sent:	Monday, May 8, 2023 11:34 PM
То:	Dickerson, Ryan
Cc:	Llull, Christian; Poole, Nicholas
Subject:	Re: [EXTERNAL] Request for Approval - Wilder CTB Valve Can Release Remediation

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

BLM hereby approves your remediation proposal.

Sincerely,

Shelly G 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 <u>sjtaylor@blm.gov</u>

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

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

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

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👖 💟 🔟 📓 Please consider the environment before printing. <u>Read more</u>



Dickerson, Ryan

From:	Poole, Nicholas
Sent:	Monday, June 12, 2023 5:32 PM
То:	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 | <u>nicholas.poole@tetratech.com</u>

Tetra Tech | Leading with Science® | OGA

8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetratech.com

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APPENDIX C Site Characterization (Ensolum)

USGS Home Contact USGS Search USGS



National Water Information System: Web Interface USGS Water Resources

 Data Category:
 Geographic Area:

 Groundwater
 ✓

✓ GO

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: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs

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			626	.0	2723,41	NGVD29	1		L		А
1993-06-16			626	.1	2725.00	NAVD88	1		L		А
1993-06-16			720	.9 405.00			1		L		А
2013-01-16	19:10 UTC	r	n 626	.0	2906.47	NGVD29	Р		S USG	S S	A
2013-01-16	19:10 UTC	r	n 626	.1	2908,06	NAVD88	Р		S USG	5 S	A
2013-01-16	19:10 UTC	r	n 720	.9 221.94			Р		S USG	5 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	Р	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	А	Approved for publication Processing and review completed.				

Released to Imaging: 10/24/2023 11:01:06 AM

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes <u>News</u>

Accessibility FOIA Privacy Policies and Notices

USA.gov

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: <u>USGS Water Data Support Team</u> 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

			(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)		
Well Tag	POD	Number	Q64 Q	216 Q4	Sec	Tws	Rng	X	Y		
-	C 02	2271 POD2	3	2 3	21	26S	32E	624348	3544010* 🌍		
x Driller Lice	ense:	208	Driller (Compa	ny:	VA	N NOY,	W.L.			
Driller Nan	me:	W.L. VAN NOY									
Drill Start	Date:	08/28/1992	Drill Fi	nish Da	te:	0	9/09/1992	2 P	lug Date:		
Log File Da	ate:	10/28/1992	PCW R	cv Date	e:			S	ource:	Shallow	
Pump Type: SUBMER			Pipe Dis	scharge	Size	:		Ε	stimated Yield:	15 GPM	
Casing Size: 6.38		6.38	Depth Well:				70 feet	D	epth Water:	250 feet	
x	Wate	er Bearing Stratific	ations:	To	p B	Bottom	Descri	ption			
				22	25	265	5 Sandst	one/Grave	l/Conglomerate		
х		Casing Perfo	rations:	Та	p B	Botton	l				
)5	265	_				

*UTM location was derived from PLSS - see Help

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

2/9/23 2:17 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

			(quarte	rs are 1=N	W 2=	NE 3=SV	W 4=SE)					
			(quart	ers are sm	allest t	o larges	st) (NAD83 UTM in meters)					
Well Tag	POD	Number	Q64 (Q16 Q4	Sec	Tws	Rng	Х	Y			
	C 03	3595 POD1	4	2 3	21	26S	32E	624423	3544045 🍯			
Driller Lic Driller Na		1654	Driller	Compa	ny:		T WOR D CONS		HIRESIRM	AN DRILLING		
Drill Start	Date:	09/30/2013	Drill Fi	inish Da	te:	09	9/30/201	3 Plu	g Date:			
Log File Date: 10/29/2013			PCW F	Rev Date	:			Sou	Source: Shallow			
Pump Type:			Pipe Di	Pipe Discharge Size:					Estimated Yield:			
Casing Size: 6.00			Depth '	Depth Well:				Dej	oth Water:	180 feet		
Х	Wate	er Bearing Stratif	fications:	Тс	op E	Bottom	Descr	iption				
				16	50	200	Sands	tone/Gravel/	Conglomerate	e		
X		Casing Per	forations:	Тс	p E	Bottom						
				20	0	240						

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

2/9/23 2:23 PM

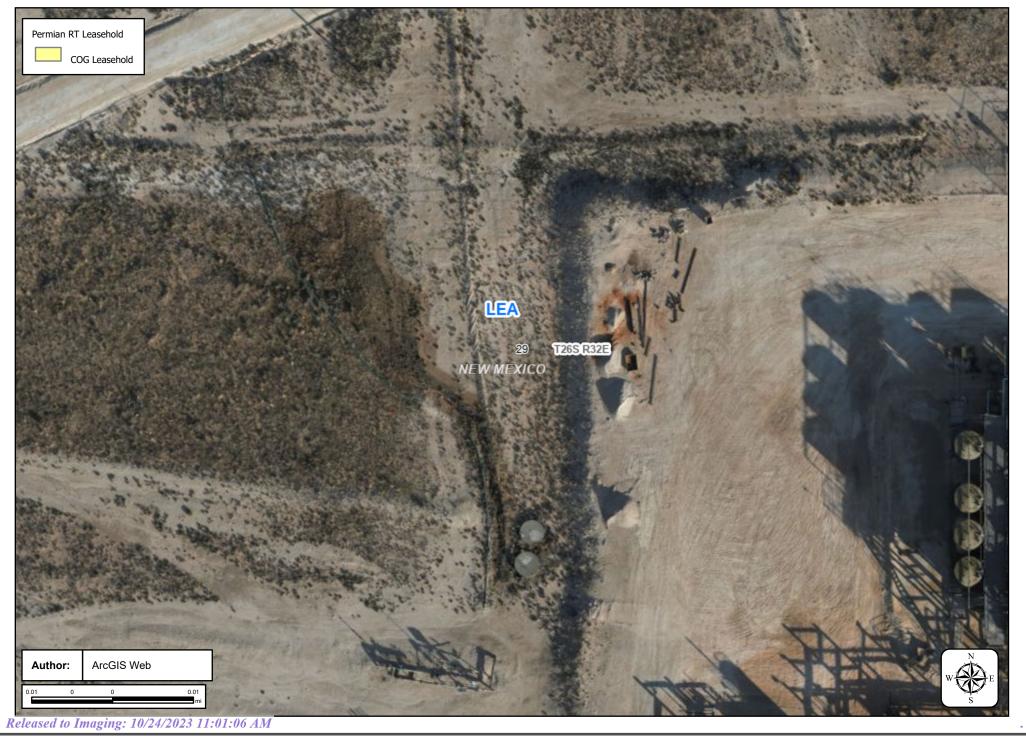
POINT OF DIVERSION SUMMARY

APPENDIX D COP-provided Drone Imagery

Received by OCD: 7/26/2023 7:33:31 PM

ConocoPhillips

Wilder CTB Valve Can



APPENDIX E Waste Manifests

Received by OCD: 7/26/2023 7:33:31	PMEXAS NON-HAZARDOUS OII	FIELD WASTE MANIF	EST Com	pany Man Contact Information Page 37 of 114
R360	(PLEASE P	rint) *required	INFORMATION* Nam Phon	e
· · · · · · · · · · · · · · · · · · ·	GENER	ATOR	NO. 28	87813
Dperator No.	C	Permit/PPC No.	nin maktiv instanti ta unita i	bundle oil maily
	0	Lease/Well Name & No.	A Service T G C	WHEE CON-
Operators Name	MANC A	County	Bardoning St. A.A.	Harris among
		API No.	00754054	ALL DA LINA
City, State, Zip		Rig Name & No.		NA SECTION DA
Phone No.	e/Service Identification and Amount (pl	AFE/PO No	type in harrels or cubic vards)	In the second second second
Oil Based Muds	NON-INJECTABLE WATERS	ALE VOIDITE HEAT TO WASTE I		and generation process of the waste)
Dil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injecta Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Inject	a sector and the sector of the sector of the	on and die Mittenderse kennen nacht die kepterweise eine die deren ook gestaat bestegening e	ikitling Wyiken Inifial Congretion Production Wer
Tank Bottoms	INTERNAL USE ONLY		And a print of and	In Transit Walks
Gas Plant Waste	Truck Washout (exempt waste)			
WASTE GENERATION PROCESS: DRILLI	NG COMPLETION	PRODUCTION	GATHERING	LINES
All non-exempt E&P wa	NON-EXEMPT E&P Waste/Serv ste must be analysed and be below thresho	old limits for toxicity (TCLP), Ign	itability, Corrosivity adn Reactivi	ty.
Non-Exempt Other		*please select fr	om Non-Exempt Waste List or	n back
QUANTITY	B-BARRELS		Y-YARDS	E-EACH
hereby certify that the above listed material(s), is (are) no	ot hazardous waste as defined by 40 CFR Par	rt 261 or any applicable state I	aw. That each waste has been pi	roperly described, classified and
packaged, and is in proper condition for transportation acc	generated from oil and gas exploration and	production operation and are	not mixed with non-exempt wast	e (B360 Accents certifications on a
RCRA EXEMPT: Oil field wastes per load basis o		production operation and are	not mixed with non-exempt was	e (nobo Accepto certifications on a
40 CFR 261.21-3	which is non-hazardous that does not excee 261.24, or listed hazardous waste as defined azardous is attached. (Check the appropriate	i by 40 CFR, part 261, subpart I	vaste hazardous by characteristic D, as amended. The following do	s established in RCRA regulations, cumentation demonstrating the
MSDS Informat	ion RCRA Ha	zardous Waste Analysis	Other (Pro	vide Description Below)
	DATE		SIGNATURE	
(PRINT) AUTHORIZED AGENTS SIGNATURE	TRANSP		UNITED STORE	and the second
Transporter's	INANOF	- Vulla in the second second		in the summit
NameA <u>N Northead and re</u>	Contract water / Sta	Driver's Name Phone No	Contraction of the second	Caren rel a
Hoos + Gra	ies happy	Truck No.	MP G	
Phone No.	-2.1.6	WHP No.		an a
I hereby certify that the above named material(s) was/we	re picked up at the Generator's site listed at	oove and delivered without incl	ident to the disposal facility liste	d below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER	'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL	FACILITY	RECEIVING	G AREA
	in al 200700000 ben biller	entration of the second second	Name/No	house to find?
Site Name/ Permit No. Address Bluff Facility / STF- 5053 US Hwy 285, Orla,		Phone No	-448-4239	n a martin A set in contract a sign-
NORM READINGS TAKEN? (Circl	e One) YES NO	If YES, was reading > 50 NORM (mR/hr)	micro roentgents? (Circle One) YES NO
Set out a	TANK BO	TTOMS	 A statistical company 	e fo lasophili sõ apõntit: stohulart bendoncco/i *
1st Guage	Inches	BS&V	V Received	BS&W (%)
2nd Guage	in All be	terre a second data de la	Free Water	angainteang nom magna
Received	Christian Christian Anna an an an	Tota	al Received	
hereby certify that the above load material has been (cir NAME (PRINT)	cle one): ACCEPTED D DATE	DENIED If deni	ed, why?	IGNATURE
onReleased tos Imaging: 10/24/2023, 11:0	1.06 AM			208 0260 5 60

Blue-TRANSPORTER Yellow - GENERATOR 377) 499-0492

Received by OCD: 7/26/2023 7:33:31 PM



WEIGHT TICKET Ticket # 176369 Start:06/15/2023 11:45 AM End:06/15/2023 11:52 AM By:owl.amy GROSS TARE NET FRICE AMOUNT						
GROSS	TAF	E	NET	FRICE	AMO JNT	
Contamina	ted Soi	1		10.01	\$0.13	
15	1	00	13	\$0.01	\$0.10	
Hauler: M	Ichabb					
Driver:	losh Bus	by	a dama			
Lease: W	ilder Cl	8 Valn	e tan			
Well: N/						
AFE #: N	14		ũ.			
County,		EA (NM	ų.			
API #: N						
Manifest	4: N/A		aton A			
Client (onpany	Man: L	TTOULD			
Rig Name	E NUMD	Bri N/I	н. М / А			
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Contaminated Soil

16 00 16 \$0.01 10.16 a flart McNabb Griver: Albaro Tercero Lease: Wilder CTB Valve Can Well: N/A AFE #: N/h County, State: LEA (NM) AP1 #: N/6 Manifest 4: 04 Client Company Man: Sam Widmer Rig Name & Number: N/A Trucking Co Ticket #: N/A Truck Type: Dump Truck LIOM: Curd LIOM Court: 18 PF Test Result: Pass -28 Test: Pass

1163 -	PASS			
C1	00	01	\$0.00	\$0.00
Paint Filter	- PASS			
C1	00	01	\$0.00	\$0.00
NORM - FASS				
¢1	00	01	\$0,CD	\$0.00
Additional P	hotos			
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				*0.10
20			\$0.01	\$0.16
			SUBTOTAL	
			TAX	
			RELINDING	> \$0.00
			TOTAL	> \$0.17

Driver: Karen Work ID/Liberce:

100 K	WE10	INT TIC	6E		
	licka	et # 17	6398		
St	art:06/	15/2023	01:2	CO FM	
E	nd:06/1	5/2023	U1:23	: PM	
an an tha	TADE	y:owl.a	my I	FRICE	AMO JNT
64,85	TARE	INC. I			
ntaminated		42		40.01	\$0.13
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uler: McNat	da				
iver: Jush	Bushy	lue			
ease: Wi de	r Litti Va	EVE			
ell: N/A					
FE #: N/A ounty, Stat	OF LEA	(NIN')			
01119, 5.au Pl #: N/A	u. Lun	(in)			
anifast #:	H/A				
lient Compa	inv Man:	Sam Wi	direr		
ig Name & M	lumber:	N/A			
rucking Co	Ticket	#: NZA			
ruck Type:	Dumps	8 E. 38.8			
JOM: Durd	to camp of				
JOM. Count:	13				
平 Test Res	ult: Pas	sé.			
H2S Test: P					
H2S Testing	- PASS				
C1	00		01	\$0.00	\$0.00
Paint Filte	er - PAS	S			
61	00		01	\$0.00	\$0.00
NORM - FAS	S				
C1	00)	01	\$0.00	\$0.00
Additional	Photos				*0.50
61	0		01	\$0.00	\$0.00
	1993	an kaaraa dhi ti ni anni - taann		\$:0.01	\$0.13
				SUETOTAL	> \$0.13
					> \$0.01
				ROUNDING	> \$0.00
				TOTAL	> \$0.14
Custoner:		ni.:11:	o Po	0.11 Sof A.	

Page 41 of 114

WEIGHT TICKET Ticket # 176416 Start:06/15/2023 02:51 PM							
		2023 02:					
		wl.adan					
GROSS T	ARE	NET	FRICE	AMOUNT			
ontaminated So		10	40.01	¢0 16			
16	00	16	\$:0.01	\$0.16			
auler: McNabb	Taxatir						
river: Albaro easa: Wilder C	TH Valu	o fan					
ease: wilder u ell: N/A	ID VOLV	a Can					
EE #: N/A							
ounty, State:	LEA (NE	1					
PI #: N/A		×					
anifest N: 16							
lient Company	Man: Sa	an Midne	i'				
Rig Name & Numb							
(rucking Co Ti							
fruck Type: Du	mp Truck	<					
UOM: Cuird				5			
JOM Court: 16							
PF Test Result							
H2S Test: Pass							
H2S Testine C1	PASS	0.	\$1 50	\$0.00			
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Paint Filter - C1	00	01	\$0.00	\$0.00			
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UNDIA - PIARO							
NORM - PASS C1	00	01	\$0.00	\$0.00			
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A LICE TO DE							
Additional Pho C1	00	01	\$0.00	\$0.00			
5.1	00	01	40,00				
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			SUETOTAL	> \$0.16			
				> \$0.01			
			ROUND-ING	> \$0.00			
			TOTAL	> \$0.17			

S	lart:0 Fod:06	EIGHT TICKE cket # 1764 6/15/2023 C /15/2023 C	19 13:00 P 1:20 PM	19 3:00 PM ;20 PM			
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Contaminate	d Soil		\$:0.	01 \$	0.13		
11		13	40.	ui -			
Haulter: Mul	idel A. Ruch	1N					
Driver: lo	lar C.IF	, v∋lva Can					
Well: N/A	161 016						
NEE # N/A	2						
County, St	ate: L	EA (NM)					
APT #: N/I	\$						
Manifest	s: 07	in Sem Wi	dmer				
Client Co	npany t	Man: Sam Wi or: N/A	will so t				
Rig Name	& NUMP	ket #: N/A					
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				TOTAL	> \$0.14		
A STATE OF THE STA			1:	CONTRACTOR STRUCT			
Cus	toner:	ConocoPhil aren Work	lips C	ompany			



Start:06/16 End:06/16/	(2023-12 .owl.amy	12:07 PM	
End:06/16/ By: GROSS TARE	(2023-12 .owl.amy		
By: GROSS TARE	owl.amy	2:17 PM	
GROSS TARE			
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ontaminated Soil	DIE 1	FRICE	AMOUNT
			ana ang pang pang pang pang pang pang pa
- 16 00	16	40.01	\$0.16
auler: McNabb Partner			
river: Victor Manzand			
ease: Wilder CT8 Valv	ve Can		
ell: N/A			
FE #: N/A			
ounty, State: LEA (NM	4)		
PI #: N/N			
anifest 4: 8			
lient Company Man: Sa		er	
ig Name & Number: N//			
rucking Co Ticket #:			
ruck Type: Dump Truck	ĸ		
OM: CuYd			
OM Count: 18			
F Test Result: Pass			
28 Test: Pass			
25 Testing - PASS			
00	01	\$0.00	\$0.00
and Cilman DACC			
aint Filter - PASS	01	\$0.00	\$0.00
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6		40.01	
		SUBTOTAL	> \$0.18
			> \$0.01
		ROUNDING	> \$0.00
		TOTAL	> \$0.1
Customer: ConocoPhill			

28

	Start	-WEIGHT Ticket # :06/16/20	176625 023 02: 23 02:2	19 PM	
GROS	s Ti	By:owl. ARE	leslië NET	FRICE	AMOJNT
Contami	natied So			40.01	\$0.16
	16 McNabb	00	16	\$0.01	\$0.10
briver:	Victor	Manzano			
_ease:	Wi]der C	TB Valve	Can		
Well: N AFE #:					
County	State:	LEA (NM)			
API #:	NA				
Manife:	st #: 09 Company	Man: Sam	Widmer		
Rig Na	ne & Num	ber: N/A			
Trucki	ng Co Ti	cket #: M	N/A		
Truck UOM: C	Type: Du	mp truck			
	unu unt: 16				
PF Tes	t Result				
H2S Ta	est: Pass	5			
H2S T	esting - C1	PASS	01	\$0.00	\$0.00
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Deint	Filter	- PASS			
ram	01	00	01	\$0.00	\$0.00
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			11	. 19 	
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powered by TrueCloudERP.com

	•••••••	E IGHT	TICK	E1	ar pression when the statement of the state
	li	cket	# 177	183	
	Start:0	6/19/2	2023	02:25 PM	
	End:06	1/19/20	023 02	2:28 PM	
GROSS	TARE	By:CW]			
			NET	FRICE	ALOWA
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18 Hauler: McN	00		18	\$0.01	\$0.1
Driver: Aci	abb A Maulac	-			+0.1
Lease: Wild	er CTR V	ry alun i	ian		
Well: N/A	er ond y	arve (an		
AFE #: N/A					
County, Sta	te: LEA	(NM)			
API #: N/A		65			
Manifest #:	10				
Client Compa Rig Name & N	Ny Man:	Sam W	idmer		
Rig Name & N Trucking Co	Ticket "	N/A			
Truck Type:	Bellu n	I: N/A			
UUM: CUYa		mhs.			
UOM Courts 1	8				
FF Test Resul	It: Pass				
H2S Test: Pas	is				
H2S Testing -	DACO				
C1	00	0	-		
	00	0		10.00	\$(1,00)
Paint Filter -	- PASS				
C1	00	01	9	0.00	\$0.00
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a an GROSS	Concel + Class /	1/19/2020	04:54	PM	
	Enu.00/	19/2023	04:40 Ian	F.P.	
	TARE.	By:owl.ac NET	F FF	AICE	T/L OMA
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ease: 401 ease: 401	e Maybe	erry Valve Ca	in		
Vell: N/A		40-			
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API #: N/A					
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Client Com Rig Name &	pany ma Number	- N/A	1 CHING		
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Truck Type	: Belly	y Dumps	ka se		
UOM: Curd					
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Drive	r: Kare	n Work			
	perce:				
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Wilds	rc C	TB	ValV	E SAU	
M T/	oct	r,	78	51	

WEIGHT TICKET Ticket # 177383 Start:06/20/2023 11:17 AM End:06/20/2023 11:31 AM By:owl.adan					
	By:c	wl.adan		AND BUT	
63088 T	ARE	NET	FRICE	AMUJNI	
Contaminated Sc			() and any plasmad with () and () are seen as		
18	00	18	\$0.01	\$0.18	
lailer: McNabb					
hinder: Acle Ma	ayberry				
Ussa: Wilder (CTB Valv	ve Can			
Kall: N/A					
561 8: N/A					
mly, State:	LEA (N	4)			
191 #: N/A					
Manifest 1: 12		1.12 1			
Client Company			r		
Rig Name & Numi					
Trucking Co Ti					
Truck Type: be	TIY Dum	ps			
UOM: CUYI					
.OM Court 18					
PF Test Fusul t					
H2S Test: Pass					
123 Tablied e	DACC				
1.1110	UU	01	40.60	\$0.0	
	0.0	U.	4.00.00		
ar Re Here					
Paint Filter	PASS				
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			SUETOTAL	> \$0.18	
				> \$0.0	
			REUNDING		
				> \$0.1	
	1991 Marchar				

WildER GTB VALUE CAN

1

TRuck M 83 Released to Imaging: 10/24/2023 11:01:06 AM

		End:06/20/ Bv:c	wl.adan		
GRC	SS		NET	FRICE	AMGUNT
ontami		Soil			
	18	00	18	\$0.01	\$0.18
lauler:					
river:	Acie	Mayberry			
		r CTB Valv	e Lan		
lell: N	2014 D.C.				
₩E #:	St. 15	5 1 T A (11)	0		
.ounty, NPI #:		e: LEA (N	1)		
Pl #: Manifes		10			
		is iny Mant Sa	am Widwo		
		lumber: N//		ň,	
		Ticket #:			
		Belly Dum			
JOM: D	12.12	ere e e y recent			
JOM ICO		8			
		ilt: Pass			
-25 Te					
128 Te	sting Cl	- PASS UO	01	\$0.00	\$0.0
aint	Filter	- PASS			
	61	00	01	\$0.00	\$0.0
NORM -	0400				
NONIT -	сяюо С1	00	01	\$0.00	\$0.0
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	orial f				
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≞dditi					
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4dditi	22	e (e de delatere consei) esta des des prop			\$0.1 > \$\overline{\$0.1}
≞dditi	 22			SUETOTAL TAX	> \$0.1 > \$0.0
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4dditi	22			SUETOTAL TAX ROUNDING	> \$0.1 > \$0.0

Customer: ConocoPhillips Company Briver: Karen Work ID/Lipence:

Wilder ETS Volve Con TRuck MB3 Released to Imaging: 10/24/2023 11:01:06 AM



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GROSS		TARE	NE I	FRICE	AMUJNI
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Customer: ConocoPhillips Company Driver: Karen Work ID/Liberce:

Dan Duny

		Ticks art:06/2	GHT TICKE1 et # 17748 20/2023 03	86 3:48 PM	
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lani fəst		15			
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JOM: Du'	10				
a sarri a se ser					
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JOM Cou PF Test	nt: 1 Reisu	ult: Pass	5		
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JOM Cour PF Test H2S Tes H2S Tes Paint F NORM -	rt 1 Resu t: Pa C1 ilten C1 PASS C1 c1	Ilt: Pass ass - PASS 00 r - PASS 00 00 00 00 Photos	01 01 01	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.18
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Customer: ConocoPhillips Company Driver: Karen Work ID/Liperce:

Wilder CTB VALVE CAJ TRUCK M83



S	WEICH Ticket tart:06/20 End:06/20/	# 17 7 /2023 2023 0	494 03:59 PM 4:19 PM	
		wl.ada NET	F'RICE	AMO JNT
	i1			
	00	18	\$0.01	\$0.18
	al Nevarez			
9	r CTB Valv	e Can		
h.				
5%at) N/A	e: LEA (NM)		
r iest #:				
Client Compa Rig Name & N			er	
Trucking Co	licket #:	N/A		
Truck Type: !	Belly Dump	S		
UOM: Cuird UOM Count: 10	9			
PF Test Resd				
H2S Tast: Pa	ŝS			
123 Testing - C1	PASS 00	01	\$0.00	\$0.00
I	00	01	40.00	φ0.00
Caint Filter	- PASS			
C1	00	01	\$0.00	\$0.00
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C1	00	01	\$0.00	\$0.00
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Chartenness Pas	inconfile + 114	0-		
Customer: Cor Driver: Karen		us com	Pelly ?)
ID/Libercon-	4	> /		
co finan o di				

	WEIG Ticke Start:06/2	et # 1776	572		
	End:06/21				
	By:	cwl.adar	1		
GROSS	TARE	NET	FRICE	A	MO JNT
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18	47.47	18	\$0.01		\$0.18
¦auler: McN)river: Aci					
.ease: Wild					
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lounty, Sta	te: LEA (M	(M)			
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Manifest ∦:		المعدر المع			
lient Comp			91 [°]		
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inucking ba Iruck Type:					
JOM: CUYDe.	Derik Da	nje a			
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-28 Test: P	ass				
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22			SUE TOTAL TAX	> >	\$0.18 \$0.01 \$0.00
22			SUETOTAL TAX ROUNDING	> >	\$0.01 \$0.00

WildER GTB VALVE CAN

	/21/20 By:ow thers rry Valve (NM) : Sam ~/A	23 03 1.amy NET 18 Can	FRICE	TMLOMA \$0.18
ontaminated Soil 18 00 auler: McNabb Par river: Acie Maybe ease: Wilder CTB ell: N/A FE #: N/A State: LEA PI #: N/A anifest 4: 18	thers rry Valve (NM) : Sam _/A	NET 18 Can	FRICE	
ontaminated Soil 18 00 auler: McNabb Par river: Acie Maybe ease: Wilder CTB ell: N/A FE #: N/A State: LEA PI #: N/A anifest 4: 18	thers rry Valve (NM) : Sam _/A	18 Can	\$0.01	
18 00 auler: McNabb Par river: Acie Maybe ease: Wilder CTB ell: N/A FE #: K/A punty, State: LEA PI #: K/A anifest 4: 18	thers rry Valve (NM) : Sam ./A	Can		\$0.18
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ell: N/A FE #: K/A ounty, State: LEA PI #: K/A anifest #: 18	(NM) : San /A)r	
ounty, State: LEA PI #: N/A anifest #: 18	: San N/A	Widme	≩r	
	N/A	Widme	≩r'	
liant Company Man	N/A	Widme	ξr	
ig Name & Number:	5			
rucking Co Ticket		4		
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2S Testing - PASS				
C1 00		01	\$0.00	\$0.00
	10			
aint Filter - PAS C1 00		01	40.00	#0 CC
C1 00		01	\$0.00	\$0.00
ORM - PASS				
C1 00		01	\$0.00	\$0.00
dditional Photos				
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22			\$0.01	\$0.18
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			TOTAL -	> \$0.19
ustomer: CanocoPh	illios	s Com	080V	
river: Karen Work				
D/Liperce:				
ulder CTB				

TRuck m83 Released to Imaging: 10/24/2023 11:01:06 AM ...



S	tart:06/ End:06/2	et # 22/20 2/202	17790 23 10 3 10:	0 ;18 AM	
GROSS	By TARE	CWL. N	Ivan ET	FRICE	AMOJNT
		1) a an is a firm			
ontaminated 20 auler: McNa river: Acie	00 abb		20	\$0.01	\$0.20
river: Adie ease: Wilde ell: N/A FE #: N/A ounty, Sta	er CTB V	alve	Dan Ri	elease	
PI #: N/A lient Comp ig Name &	any Man: Number:	Sam N/A		ir.	
rucking Co Truck Type: JOM: Curd JOM Court:	Belly D)umps	А		
7F Test Ros ⊣2S Test: F		35			
H2S Testing	a - PASS 00		01	\$0.00	\$0.00
Paint Filt	er – PAS	S			
C 1	00	6	01	\$0.00	\$0.00
NORM - PAS C1)	01	\$0.00	\$0.00
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Wilder CTB Valve CAN TRUCK M83

Released to Imaging: 10/24/2023 11:01:06 AM ACIN.

	WE Tic	IGHT TI ket # 1		
	Startine	100/000	3 10:23 AM	
	End:00/	122/202	S TUSES AM	
	End:067.	22/2023	10:27 AM	
GROSS	TARE	y:CWL.I		
14 100.0	TARC	NE	THERIGE	AMOJN
Contaminat				
16	()()	1	6 \$0.01	-/ \$0.1
Hauler: Mc	Valib			1 9.
Criver: All	baro Teres	ro		
Lease: Wild	Jar CTB Va	lve Car	n Release	
Well: N/A				
AFE #: N/A				
County, Sta	ate: LEA (NM)		
API #: N/A				
Client Comp	any Man:	Sam Wid	lmer	
R1g Name &	Number: N.	/A.		
Trucking Co	Ticket #:	N/A		
Truck Type:	Dump True	ks #31		
UOM: DUYd		101		
UOM Court:	16			
PF Test Reisi	ilt. Pac.			
H2S Test: Pa	ace i coor			
	100			3 -
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istomer: Cono	coPhillips	Compa	ΓN	
tiver: Karen∣ ∕Liperce:	Work	e e u pe su	× ·	

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	lic Start:06,	ket # /22/20;	ICKET 177906 23 10:35 / 3 10:35 AM	
	LI By	cowl.	ina	
GROSS	TARE	NE	T FRIC	E AMOJNI
Contaminate 18 Hauler: McNa	00 abb Parth	lers	8 \$0.0	1 \$0.18
Criver: JR H Lease: Wildo Well: N/A AFE #: N/A	er CTB Va		n Release	
County, Stat API #: N/A Manifest #:		NM)		
Client Compa	ny Man: 1	Sam Wi	dmer	
Rig Name & N Trucking Co	lumber: N	/ A.		
Trucking Co Truck Type:	Ficket #:	N/A		
UOM: Curd				
UOM Court: 1				
-F Test Resu -25 Test: Pa				
-co 1351. rd	55			1
				360 56
28 Testing - C1	PASS	1. 1.7		Contraction of the second second
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aint Filter	- PASS			
C1	00	01	\$0.00	\$0.00
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dditional Ph	ator			
(1	00	01	\$0.00	#0 .00
		01	40.00	\$0.00
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				- → \$(7,));
				* → \$0,0) > \$0.00
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				And and Andrews
Juner: Conn	coPhillin	S Come	COTA-	
lomer: Cono Iver: Karen I	coPhillip Work	os Comp	чагіў	

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Ti Start:(WEIGHT TI icket # 1 06/22/202 6/22/2023	77947 3 12: 3 01:0	49 PM	
GROSS TAR	By:Gwl.g E NE	gina ET	FRICE	AMOJNT
ontaminated Soil			40.01	\$0.18
18 (Wauler: McNabb Pa)0	18	\$0.01	
Line Anio Maut	Derry			
.ease: Wilder CTM	8 Value (an Re	lease	
Nell: N/A				
AFE #: N/A County, State: L	EA (NM)			
AP1 #: N/A				
Manifest 4: N/A	Anna Sam	Widme	Ŷ	
Client Company M Rig Name & Numb	er: N/A	I L CHING		
Trucking Co Tic	ket #: N/	/ A.		
Truck Type: Bel	ly Dumps			
uoM: CuYd				
UOM Court: 18 PF Test Result:	Pass			
H2S Test: Pass				
H2S Testing -	PASS			
C1	00	01	\$0.00	\$0,00
Paint Filter -	PASS			
Paint Filler	00	01	\$:0.00	\$0.00
1000 m + 200				
NORM - PASS C1	00	0	\$0.00	\$0.00
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Additional Ph	notos 00	C	1 \$0.0	0 \$0. 00
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11. postilari (an a la marci anti a marci anti			\$0.0	\$0.18
22				
			SUETO	TAL> \$0.18
			DOUND	TAX> \$0.01 ING> \$0.00
			TO	TAL> \$0.19
			-	

Driver: Karen Work ID/Liserce:

Wilder CTB Valve CAN TRUCK MRS

	Start:(End:()	icket # 06/22/2 6/22/20 By:CW	TICKET- 177951 023 01:1 23 01:1! Ivan	NO DM	
GROSS	TARE	1		RICE	AMOJN
Contamina	ed Soil				
16 Hauler: Mc Driver: Aj Lease: Aj	barn Terr	thers		0.01	\$0.16
Lease: Wil Well: N/A AFE #: N/A	Cer CIB V	alve C	an Relea	ise	
County, Sta API #: N/A					
Client Comp Rig Name &	any Man: Number: N	Sam Wi	dmer		
IFUCKING Co	Tickot H	+ 117F			
Truck Type: UOM: Suyd	Dump Tru	icks			
LIDM Court:	16				
PF Test Resu H2S Test: Pa	ilt: Pass Nss				
H2S Testing	PASS				
C1	00	01	\$0.0	0	\$0.00
Paint Filter					
C 1	00	01	\$0.0) ;	\$0.00
NORM - FASS					
C1	00	01	\$0.00	\$	0.00
Additional Pho					
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		01	\$0.00	\$(0.00
20	and a second		\$0.01	\$0	. 16
		5	TAV	> \$0	.16
		FU	INDING	> \$0. > \$0.	01
		1.54	CHEATING	\$0.	00
			TUTAL	> 00	17
			TOTAL	> \$0.	17

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Received by OCD: 7/26/2023 7:33:31 PM=

Customer Copy

	Ticke tart:06/2 End:06/22 By:	/2023-03 cwl.gina	79 3:06 PM :13 PM	
GROSS	TARE	NET	FRICE	AMOJNT
Contaminated 18 Wauler: McNa Oriver: Acle Lease: Wilde	00 abb Partne a Mayberry			\$0.18
Well: N/A NFE #: N/A County, Staf API #: N/A Manifest 4:		łM)		
Client Compa Rig Name & M Trucking Co Truck Type: UOM: CuYd	Number: N/ Ticket #	/A : N/A	ir.	
UDM Court: PF Test Res H2S Test: P	ult: Pass			
H2S Testing			\$0.00	\$0.00
C1	00	01	4.0.00	40.00
Paint Filte	r - PASS			
Paint Filte C1	er – PASS 00	01	\$0.00	\$0.00
C1	00	01	\$0.00	\$0.00
	00		\$0.00 \$0.00	
C1 NORM - FASS	00 5 00			
C1 NORM - PASS C1	00 5 00			
C1 NORM - PASS C1 Additional	00 00 Photos	01	\$0.00	\$ 0.00
C1 NORM - PASS C1 Additional	00 00 Photos	01	\$0.00	\$ 0.00
C1 NORM - PASS C1 Additional C1	00 00 Photos	01	\$0.00 \$0.00 \$0.01 SUETOTAL TAX ROUNDING	\$0.00 \$0.00

Driver: Karen Work ID/Lisense:

WILLER ETB VALVE GAJ

Ticket # 1 Start:06/22/202 End:06/22/2023 By:owl.3 GROSS TARE N	3 03:21 PM		π
Nowath Partners	16 \$:0.0	\$0.	16
Driver: Albaro Tercere Lease: Wilder CTB Value Well: N/A		ē	
County. State: LEA (NEO)			
AP1 #: N/h			
al i wat Lannariv Man.	m Widmer		
C AUTOFIEL VI			
Rig Name & Number #: Trucking Go Ticket #: Truck Type: Dump Truck	e		
IDM: JUYC			
LIDM COUNTS 16			
PF Test Result: Pass 123 Test: Pass			
1153 1951 195			
H2S Testing - PASS			\$0.00
Paint Filter - PASS	01	\$0.00 \$0.00	\$0.00
Paint Filter - PASS		\$0100	
Paint Filter - PASS	01	\$0100	
Paint Filter - PASS C1 00 NORM - FASS	01 01	40.00	\$0.0Ü
C1 00 Paint Filter - PASS C1 00 NORM - FASS C1 00 Additional Photos C1 0	01 01	\$0.00 \$0.00	\$0.00 \$0.00
C1 00 Paint Filter - PASS C1 00 NORM - PASS C1 00 Additional Photos	01 01	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.16
C1 00 Paint Filter - PASS C1 00 NORM - FASS C1 00 Additional Photos C1 0	01 01	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.01 SUETGTAL TAX	\$0.00 \$0.00 \$0.00
C1 00 Paint Filter - PASS C1 00 NORM - FASS C1 00 Additional Photos C1 0	01 01	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.01 SUETGTAL TAX	\$0.00 \$0.00 \$0.00 \$0.00 \$0.16 > \$0.0 > \$0.0

tomer Copy Cus

	TICKET- # 178177		
Start:06/23	2023 11:		
GROSS TARE	owl.gina NET		TALOMA
Contaminated Soil 18 00	18	\$0.01	\$0.18
Driver: AGle Hayar Lease: Wilder CTB Well: N/A			
AFE #: N/A County. State: LEA API #: N/A Manifest #: N/A Client Company Ma		idmet	
Client Company WC Rig Name & Number Trucking Go Tick Truck Type: Dump	At H: N/P		
UDM: CLIYd UDM: COLFT: 18 PF Tast Result: H2S Tast: Pass	pass		
H2S Tasting -		01 9	\$0.00 \$0.00
Paint Filmer Cl	- PASS 00	01	\$0.00 \$0 .00
NORM - FAST C1	90	01	£0.00 \$0.00
Addi tiorva C1) Photos ()(10 C	\$0.00 \$0.00
		and it is a second second second	\$0.01 \$0.18
	<i>21.</i>		SUETOTAL> \$0.18 TAX> \$0.01 ROUNDING> \$0.00
			ROUNDING TOTAL> \$0.19
Driv ID/L	er: ka e icerce:		
W W	Idee	ETB 1 MB3	Value Con

Released to Imaging: 10/24/2023 11:01:06 AM

de.



WEIGHT TIG Ticket # 1 Start:06/23/202 End:06/23/2023 By:cwl.j	78230 3 01:5 02:02	1 PM 2 PM	
GROSS TARE NE	Т	FRICE	TALOMA
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 Rig Name & Number: N/A Trucking Co Ticket #: N/ Truck Type: Dump truck UOM: DuYd HOM Count: 16			\$0.16
PF Test Result: Pass H2S Test: Pass			-
H2S Testing - PASS C1 UU	01	\$0.00	\$0.00
Faint Filter - PASS C1 - 00	01	\$ 0.00	\$0.00
NORM - FASS C1 00	01	\$0,00	\$0.00
Additional Photos C1 CO	0	\$0.00	\$0.00
		\$0.01	\$0.16
64		T/ ROUNDI	AL> \$0.16 AX> \$0.01 NG> \$0.00 AL> \$0.17
Customer: ConocoPhi Driver: Karen Work ID/Liperce:	llips	Company	

WEIGHT TICKET Ticket # 178232 Start:06/23/2023 01:55 PM End:06/23/2023 02:06 PM By: OWI. judy AMO JNT FRICE NET TARE 03055 \$0.18 \$0.01 Contaminated Soil 18 00 18 Hauler: McNabb Criver: Acie Mayberry Lease: Wilder CTB Well: N/A AFE #: N/h County, State: LEA (NM) API #: N/h Client Company Man: Sam Widmer Manifest 4: N/A Rig Name & Number: N/A Trucking the Ticket W: N/A Truck Type: Dump Truck UDM: JUYd UDM COURT: 18 FF Test Result: Pass H2S Test: Pass H2S Testing - PASS 01 \$0.00 \$0.00 61 \$0.00 Paint Filter - PASS 00.0¢ 01 61 \$0.00 H2S Testing - PASS 00,02 01 11 \$0.00 \$0.00 Additional Photos 01 00 01 \$0.18 \$0.01 SUETOTAL ---> \$0.18 22 TAX ---> \$0.01 RECUNDING ---> \$0.00 TOTAL -> \$0.19 Customer: ConocoPhillips Company Criver: Karen Work ID/LIDEFOR: WildER ETB VANE CAN TRUCK M 83

WEIGHT TICKET	
VE LOTT # 178852 Ticket # 178852 10:53 AM	
Yicket # 178552 Start:06/26/2023 10:53 AM Start:06/26/2023 11:03 AM	
Start:06/26/2023 11:03 AM End:06/26/2023 11:03 AM	
End:0b/20/102	TINLOMA
End:00/20/201.gina By:cwl.gina NET FRICE	Anosia
GROSS TARE NET FRICE	
	\$0.20
Contaminated Soil 20 \$0.01	\$0.20
Contaminance Conta 20 ac.e.	
Hauler: McNabb HayBerry Driver: Acie MayBerry Driver: Acie MayBerry	
Driver: ACTB Value Can Neleus	
Hauler: Mindee MayBerry Driver: Acie MayBerry Lease: Wilder CTB Value Can Release	
Well: N/A	
AFE #: N/A	
County, State.	
Manifest #: 30 Client Company Man: Sam Widmer Client Company Man: N/A	
client Company Man. N/A	
Client Company NA Rig Name & Number: N/A Rig Name & ricket #: N/A	*
Rig Name & Number Trucking Co Ticket #: N/A Trucking Belly Dumps	
Trucking Co Hickor Truck Type: Belly Dumps	
UDM COURT: 20 UDM COURT: 20	
The The TKER	
H2S Tast: Pass	•
H25 1561	
H2S Testing - PASS 01 90 C1 00 01 90	10 na
Paint Filter - PASS C1 00 01	\$0.00
NORM - FASS 00 01	\$0.00
Additional Photos 01 C1 C0 01	\$0.00
	\$0.20
	\$0.01 \$0.20
24	SUETOTAL> \$0.20
	SUETOTAL> \$0.01
	-U.C.
	ROUNDING> \$0.21
And the second	TUTAL
	and the second
Customer: ConocoPhillip Driver: Karen Work ID/Liserce:	
LU/L-LOUT	a climba
Wilder CT	TB VALVE CA
TRUCK M	187

Received by OCD: 7/26/2023 7:33:31 PM

		the second second		
34-million (-WEIGHT			
	Ticket #			
Star	t:06/26/2	2023 11	:38_AM	
End	:06/26/20	023 114	53-AM	
and the second	By:CWL	.lvan	COLOC	AMOUNT
GROSS T	ARE	NE I	FRICE	THEOTA
ontaminated So	il	40	40.01	¢0.19
18			\$0.01	\$0.18
Hauler: McNabb	Partners			
river: Jr Ater	edia	Con D	leace	
ease: Wilder C	in valve		10030	
ell: N/A				
AFE #: N/A County, State:	LEA (NM)			
API #: N/h	CEW (MM)			
Client Company	Man- See	Widme	r	
Rig Name & Num	her: V/A	i in a cane G		
Trucking Co Ti	oket #: 1	N/A		
Truck Type: Be	11v Dimps	s #81		
UDM: CuYd	**) *****			
UDM Court: 18				
PF Test Result	: Pass			
H2S Test: Pass				
				i vi l'inde
	59			
H2S Testing -	PASS	01	\$0,00	\$0.00
un anna CI	- 00	01	20.00	φυτου
Paint Filter		01	10.05	¢0.00
			941.141	\$0.00
C1	CO	01	4.0100	
	ίΰ	01		
C1	ΟŬ	01		
	00	01	\$0.00	\$0.00
C1 NORM - FASS				\$0.00
C1 NORM - PASS C1	00			\$0 .00
C1 NORM - PASS C1 Additional Pt	00 notos	01	⊈0.00	\$0.00 \$0.00
C1 NORM - PASS C1	00			
C1 NORM - PASS C1 Additional Pt	00 notos	01	⊈0.00	
C1 NORM - PASS C1 Additional Pf C1	00 notos	01	⊈0.00	
C1 NORM - PASS C1 Additional Pt	00 notos	01	\$0.00 \$0.00 \$0.01	\$0.00 - \$0.18
C1 NORM - PASS C1 Additional Pf C1	00 notos	01	\$0.00 \$0.00 \$0.01 SUETOTAL	\$0.00 - \$0.18 > \$0.18
C1 NORM - PASS C1 Additional Pf C1	00 notos	01	\$0.00 \$0.00 \$0.01 SUETOTAL TAX	\$0.00 - \$0.18
C1 NORM - PASS C1 Additional Pf C1	00 notos	01	\$0.00 \$0.00 \$0.01 SUETOTAL	\$0.00 - \$0.18 > \$0.18

Customer: ConocoPhillips Company

APPENDIX F Analytical Laboratory Data



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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 2	% 71.5-13	4						
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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 - 7 (H233165-07)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.5	% 49.1-14	8						

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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 - 8 (H233165-08)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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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 - 9 (H233165-09)

BTEX 8021B	mg,	′kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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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 - 2 (H233165-12)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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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 - 3 (H233165-13)

BTEX 8021B	mg/	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.9	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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 - 3 (H233165-18)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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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 - 4 (H233165-23)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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Page 94 of 114

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	101 East Marland, Hobbs, NM 8	8240				Analogia Analogia		5月1	na a th														
	(575) 393-2326 FAX (575) 393-	-2476				1		RI	LL TO					ANAL	YSIS	REQ	JEST					_	
Company Name: To	#: (512)565-0190 Fax #: #: 212C-MD-03088 Project Owner: Conoco Name: Wilder CTB Valve Can Release Elecation: Lea County, New Mexico Image: Colton Bickerstaff I.D. Sample I.D. Weilder VII VII VOID OUT Image: Colton Bickerstaff I.D. Sample I.D. Weilder VII VII VOID OUT Image: Colton Bickerstaff I.D. Sample I.D. Image: Colton VII VII VII VII VII VII VII VII VII VI					P.O. #:																	
Project Manager: R	Ryan Dickerson								tra Tech														
Address: 8911 Cap	oital o Texas Hwy, Suite 2310											- 1											
City: Austin	State: TX	Zip	:						ckerson														
	(512)565-0190 Fax #:							ss: EM/															
i none				Co	nocoPhi	mps	City:						~										
							State:		Zip:		4		SM4500CI-B										
							Phone	e #:					8										
							Fax #						20										
Sampler Name: Co	DITON DICKEIStan	T	Γ		MAT	RIX	PR	ESERV.	SAMP	LING		B	M4										
Lab I.D.		d.									SI	8021B	5										
Lab i.b.	Sample I.D.	R	CONTAINERS	ROUNDWATER	WASTEWATER SOIL	OIL SLUDGE	OTHER : ACID/BASE:	ICE / COOL OTHER :	DATE	тіме	TPH 8015M	BTEX 80	Chloride									HOLD	-
H233165	•			ō	≥ õ X	00		X	6/19/2023		X	X	X	-	-		+	-	-	+	-		
1	FS-1	_	-	+	X X	+	++	X	6/19/2023		X	X	X	-	-	-	+	+	+	+	-		1
2	FS-2	_	-	+	X	\vdash	++	X	6/19/2023		X	X	X	-	-	-	+	-	-	-			1
		_	_	+	X	\vdash	++	X	6/19/2023		X	X	X	-	+	-	+	+	-	+	-		1
		_	-	ł	X	\vdash	++	X	6/19/2023		X	X	X	-	+		+	+	+	-			1
		- 0	-	+	X	+	++	X	6/19/2023		X	X	X	-	+	-	+	+	-	-			1
6	FS-6		-	+	X	++	++	X	6/19/2023		X	X	X	-	+	-	+	+	-	-			1
2	FS-7		-	+	X	H	11	X	6/19/2023		X	X	X		+	-	+	+	1				
	FS-8		_	+	X			X	6/19/2023		X	X	X	_	+	-	+	+	1				
9	FS-9	_	1	+	X			X	6/19/2023		X	X	X		a hall he de	amed walve	d unless m	ade in writin	ng and receiv	ved by Card	final within 30	days afte	er completion of the applicable

SSW-1

SW-1

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Constraints to the second process of the second

affiliates or successors arising out of or related to the performance of services	hereunder by Cardinal, regardless of	When is seen called	1111	Verbal Result: 🛛 Yes	No Add	'I Phone #: ress: Ryan.Dickerson@tetratech.com	
Relinquished By: Conton Bickerstan	Date: 6/19/23 Rece	eived By	Ullers		Please provide Email addi		
Relinquished By:		eived By:		REMARKS:	dacteria (only) Sample Con	dition	
Delivered By: (Circle One) Obs Sampler - UPS - Bus - Other: Corr	erver: Temp. *C 2.4 rected Temp. *C 1.8	Sample Condition Cool Intact	(Initials)	Turnaround Time: Standard Rush: YES, 24hr. TAT Thermometer ID #113		mp. "C	
		No No	¥.,-	Correction Factor -0.5°C		No No Corrected Temp. *C	

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		Marland, Hobbs, 1 93-2326 FAX (575						開閉	11	121														_
Company Name:	Tetra Tech							BILL TO						ANALYSIS REQUEST										
Project Manager:	Ryan Dickerson							P.0.	. #:			1												
Address: 8911 Ca	apital o Texas Hwy,	Suite 2310						Con	npany	: Tet	ra Tech													
City: Austin		State:	TX Zi	p:				Attn	: Rya	n Dic	kerson]											
Phone #:	(512)565-0190	Fax #:						Add	ress:	EMA	IL		1											
Project #:	212C-MD-03088	Project Owner:		_	Co	onocoP	hillips	City	:				1											
Project Name: Wi	ilder CTB Valve Car	n Release						Stat	te:		Zip:	_]		-12									
Project Location:	Lea County, New I	Mexico						Pho	one #:						Ū									
Sampler Name: C	olton Bickerstaff							Fax	#:						SM4500CI									
FOR LAB USE ONLY				Т		MA	RIX	P	RESE	RV.	SAMP	ING		~	45									
Lab I.D.	Samp	ole I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER SOIL	OIL	OTHER :	ACID/BASE: ICE / COOL	OTHER :	DATE	TIME	TPH 8015M	BTEX 8021B	Chloride									HOLD
11	ESW-1		G	1		X			X	-	6/19/2023		X	X	X				<u> </u>				-	H
12	ESW-2		G	1		X			X	_	6/19/2023		X	X	X			-	-	-			-	\square
13	ESW-3		G	1		X	\square	++	X	-	6/19/2023		X	X	X				-	-		+		\vdash
14	NSW-1		G	1		X	\square	\square	X	-	6/19/2023		X	X	X								<u> </u>	
	NSW-2		G	-		X	\square	++	X	-	6/19/2023		X	X	X					+		+	<u> </u>	H
16	CSW-1	14 - C	G	1		X	\square	++	X		6/19/2023		X	X	X		-					+	<u> </u>	\vdash
17	CSW-2		G	_		X		\downarrow	X	-	6/19/2023		X	X	X		-					-	<u> </u>	
	CSW-3		G	_		X	$\downarrow \downarrow$	+	X		6/19/2023		X	X	X		-				-	+	<u> </u>	H
19	CSW-4		G	1		X		\square	X	-	6/19/2023		X	X	X		-					-		\vdash
20	WSW-1		G	1		X			X		6/19/2023		X	X	X							1	al within 20 da	

Key Construction
 Key

Relinquished By: Colton Bickerstaff	Date: 6/19/23 Receiv	wed By:	Udle S	<u>Verbai Resuit: □ Yes □ No Ac</u> All Results are emailed. Please provide Email ad	ld'I Phone #: dress: Ryan.Dickerson@tetratech.com
Relinquished By:	Date: Receiv	ived By:		REMARKS:	
Delivered By: (Circle One) Ob Sampler - UPP - Bus - Other: Con	vrected Temp. *C 7. 4 I S	Sample Condition Cool Intact	(initials)	Turnaround Time: Standard Bacteria (only) Sample C. Rush: YES, 24hr. TAT Cool Intact Observed T Thermometer ID #113 Correction Factor -0.5°C	

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Page 28 of



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Add'l Phone #:

CT AL

	101 East Marland, Hobbs (575) 393-2326 FAX (57	, NM 8824	0			- Construction		16長	開始相称													
Company Name		5/ 555-241	•					B	ILL TO			ANALYSIS REQUEST								-		
	r: Ryan Dickerson						P.O. 1															
	Capital o Texas Hwy, Suite 2310								tra Tech													
City: Austin		e: TX Z	ip:						ckerson													
Phone #:	(512)565-0190 Fax #:						Addr	ess: EM	AIL	_												
Project #:	212C-MD-03088 Project Owne	r:		Co	onocoPl	nillips	_						_									
	Vilder CTB Valve Can Release						State		Zip:		-		1									
Project Location	n: Lea County, New Mexico						Phor						8									
Sampler Name:	Colton Bickerstaff		_			TRIX	Fax	ESERV.	SAMP	LING			SM4500CI-B									
H233165	Sample I.D,	DIMONO BO BROWN		GROUNDWATER	WASTEWATER SOIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL OTHER :	DATE	TIME	TPH 8015M	BTEX 8021B	Chloride									HOLD
	WSW-2		G 1	1	X		11	Х	6/19/2023		X	X	X		-		-					
2	WSW-3		G	1	X	_	++	X	6/19/2023 6/19/2023		X	X	X	-								
2	3 WSW-5.4 T. C	~ 11 10 1	G	1	X		++	X	6/19/2023		X	X	X									-
2	WSW-5		G	1	$+\uparrow^{\uparrow}$	++	++											-	-	-	-	+
			+	+										-	-	-	-	-	-	+	-	+
			+								-		-	-	-	-	-	-		+	-	+
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							++	++			+	-	+	-	+	-	-				al within 30 d	

PLEASE NOTE: Lubbly and clerifs exclusive remedy for any claim arising which is maling without an another provides the interaction or time applicable serve which are the another without any claim including three interactions and the interaction or time applicable serve which are the another without any three interactions and the another interactions and the another interactions and any other cause whatsoever shall be deemed welved unless made in writing and received by Cardinal within 30 days after competion or time applicable serve which and the another interaction or time applicable serve which are the another and the another interaction or time applicable serve which are the another and the another interactions and the another states a

event shall Cardinal be liable for incidential or consequentia carnages, including white and the second second affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such cla	taim is based upon any of the above stated reasons or otherwise.	
affiliates or successors arising out of or related to the performance of out the of the successors	1	E.

Relinquished By: Colton Bickerstaff	Date: 6/19/23 Receiver Time: 5/40 Date: Receiver	Muaha de	Malast	Verbal Result: <u>Yes No</u> Para All Results are emailed. Please provide Email add REMARKS:	ress: Ryan.Dickerson@tetratech.com	
	Time: Observed Temp. *C 3: 4 Corrected Temp. *C 1: 5	Sample Condition Cool Intact	(Initials)	Turnaround Time: Standard Bacteria (only, dample Co Rush: YES, 24hr. TAT Cool Infact Observed T Thermometer ID #113 Correction Factor -0.5°C		

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Received by OCD: 7/26/2023 7:33:31 PM



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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 71.5-13	4							
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received by OCD: 7/26/2023 7:33:31 PM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 39	Marland, Hobbs, NN 93-2326 FAX (575) 3	93-247	6																				
Company Name	e: Tetra Tech								T			ILL TO	and many and states											
Project Manager	r: Ryan Dickerson								P	0. #:				_	-		ANA	LYSI	S REC	UES	Т			
Address: 8911 C	apital o Texas Hwy,	Suite 2310							-		W: T	etra Tech		-										Т
City: Austin State: TX Zip:												ickerson		_										
Phone #: (512)565-0190 Fax #:																1							1	
Project #: 212C MD 02088 Design 0										dress	: EM	AIL											1	
Project Name: Wilder CTB Valve Can Release									-															
Project Location: Lea County, New Mexico								Sta			Zip:				E.									
	Colton Bickerstaff	exico							Pho	one #:	:			1										
OR LAB USE ONLY	Collon Bickerstaff								Fax	:#:				1		SM4500C								
ab I.D.						M	ATR	X	F	RESE	RV.	SAMP	LING	1		12(
423324	Sampl	e I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER		SLUDGE	OTHER :		OTHER :	DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SN								HOLD
2	FS-11		G	1	-	X	-		4	X	-	6/22/2023		X	Х	Х								 1-
	FS-12	· · · · · · · · · · · · · · · · · · ·	G	1		X	-		4	X		6/22/2023		X	Х	Х								\vdash
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	FS-14		G	1		X	+		-	X		6/22/2023		X	Х	Х								
	FS-15		G	1		X	-		+	X	-	6/22/2023		X	Х	Х								
	CSW-5		G	1		-	Н		+	X		6/22/2023		X	Х	X								
			10	1		X	+		+	X		6/22/2023		X	Х	Х								
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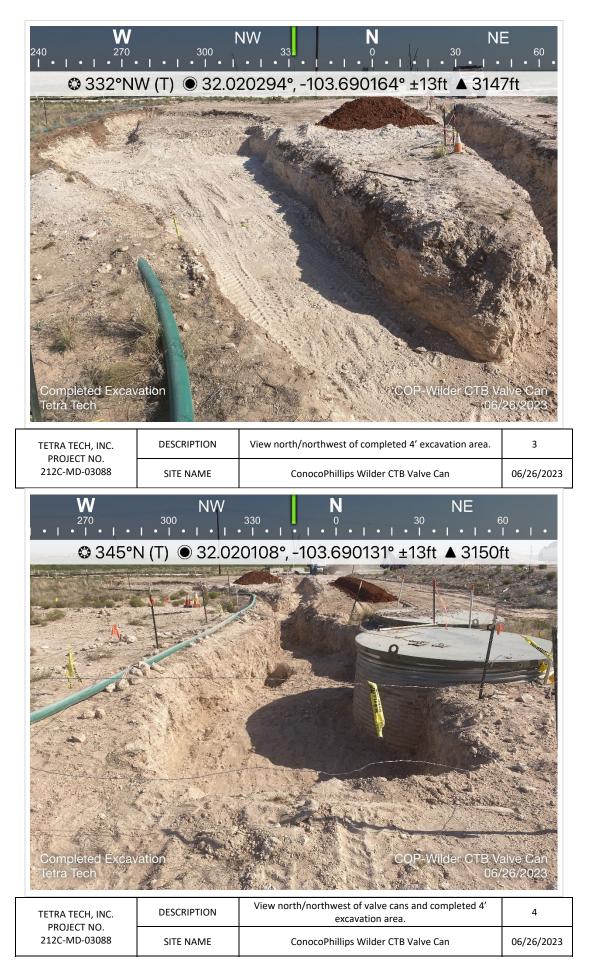
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Relinquiched By: Colton Distante	D. I. Alberton				
Relinquished By: Colton Bickerstaff	Date: 6/22/23	Received By:	1111.1	Verbal Result: Ves No	dd'I Phone #:
	Time:530	MULLAND &		All Results are emailed. Please provide Email a	ddress: Ryan.Dickerson@tetratech.com
Relinquished By:	Date:	Received By:	action of	REMARKS:	
	Time:				
Delivered By: (Circle One) Obs Sampler - UPS - Bus - Other: Cor	served Temp. °C	Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard Bacteria (only) Sample C	or: .dion
. ž	4.	7 Yes Tes	(Rush: YES, 24hr, TAT Cool Intact Observed	Temp. °C
		No No		Thermometer ID #113 Correction Factor -0.5°C	Yes Yes
FORM-006 R 3.2 10/07/21					No No Corrected Temp, *C

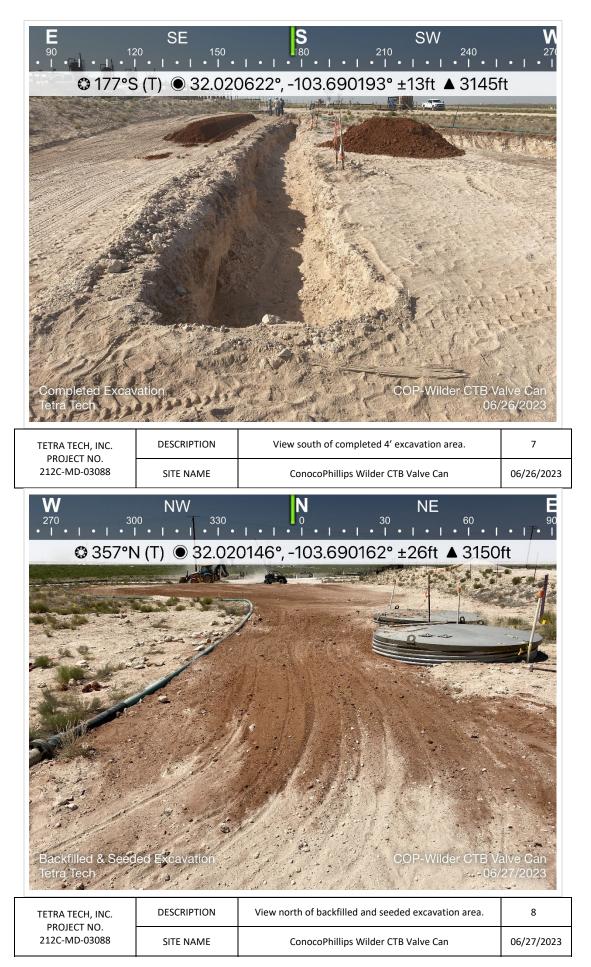
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

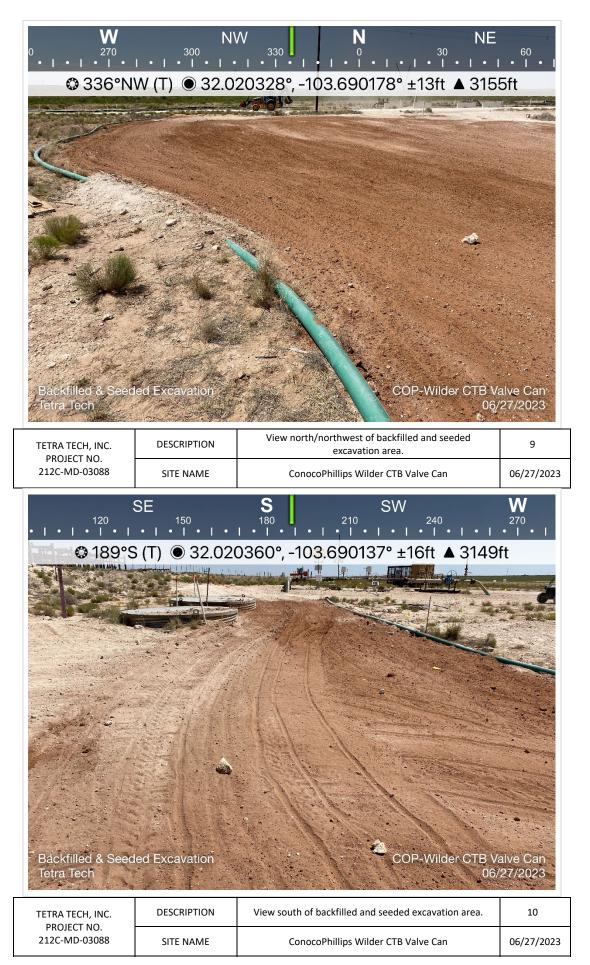
APPENDIX G Photographic Documentation

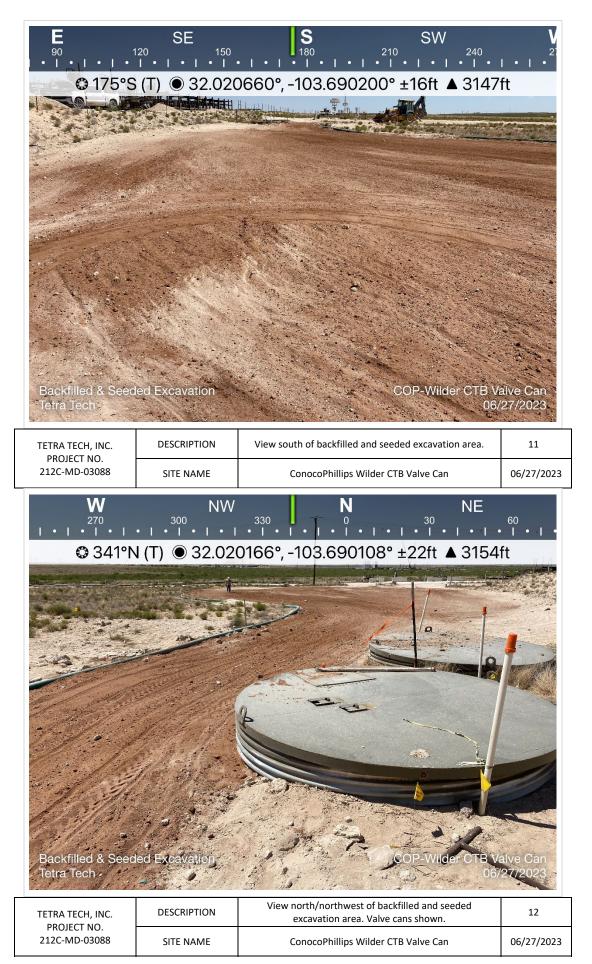












District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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

CONDITIONS

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

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Action 244942