



November 16, 2023

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

**Re: Release Characterization and Remediation Work Plan  
ConocoPhillips  
Zia Hills CR-1 Transfer Line Release  
Unit Letters E, Section 03, Township 26 South, and Range 31 East,  
Lea County, New Mexico  
Incident ID NAPP2231554934**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COP) to assess a release that occurred from a transfer line in the Zia Hills area, adjacent to CR-1. The release footprint is located inside Public Land Survey System (PLSS) Unit Letters E, Section 03, Township 26 South, and Range 31 East, Lea County, New Mexico. The release site coordinates are 32.074950°, -103.670752°. The Site location is shown on Figures 1 and 2.

## BACKGROUND

According to the State of New Mexico Form C-141 Initial Report (Appendix A), the release was discovered on October 29, 2022. The cause of the release was noted as resulting from "3<sup>rd</sup> party potentially cut the line," and the responsible party at the time of the C-141 had not been identified. Approximately 249 barrels (bbls) of produced water were reported released, of which 20 bbls were recovered. These volumes are estimates. The cut line is owned by COP; therefore, COP submitted the Form C-141 Initial Report to meet reporting requirements. The New Mexico Oil Conservation District (NMOCD) received this initial Form C-141 on November 11, 2022, and subsequently assigned the release the Incident ID NAPP2231554934. On behalf of ConocoPhillips, Tetra Tech requested a 90-day extension on January 31, 2023, to complete assessment and associated reporting for the release site. The extension request was approved the same day. A copy of the regulatory correspondence is included in Appendix B.

## SITE CHARACTERIZATION

A site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.0029 New Mexico Administrative Code (NMAC). The Site is within a New Mexico oil and gas production area and is in an area of low karst potential.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within ½ mile (800 meters) of the Site. There is one (1) water well within 2.88 miles (4,641 meters) of the site with a depth to groundwater of 155 feet below ground surface (bgs).

As the nearest available water level information is from a well 2.88 miles away from the site, COP elected to drill a boring to verify depth to groundwater. On October 3, 2023, a licensed well drilling subcontractor

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was onsite to drill a groundwater determination borehole (DTW) to 105 feet bgs at the Pintail 3 Federal #001 lease pad. The borehole was temporarily set and screened using 2-inch PVC well materials. No water was present in the well during or 72 hours after drilling. The well screen and casing were removed, and the borehole was plugged with 3/8-inch bentonite chips. The borehole coordinates are 32.065450°, -103.661630°, and the boring location is indicated on Figure 4. The site characterization data, boring log, and temporary well diagram are included in Appendix C.

Prior to the drilling of the DTW boring at the Pintail 3 Federal #001 (API No. 30-025-40684) lease pad (approximately 0.7 mile southeast of the Site), Tetra Tech contacted the NMOCD to determine if the proposed DTW boring location is within the discretionary limit for determination of groundwater. The location was approved on September 28, 2023 via email from Nelson Velez of the NMOCD. A copy of the regulatory correspondence is included in Appendix B.

## LAND OWNERSHIP

The Site is located on land managed by the Bureau of Land Management (BLM). Following the release, a cultural survey within the release footprint and the surrounding vicinity was conducted by Goshawk Environmental Consulting. The area was negative for cultural resources. Shelly Taylor of the BLM cleared the site to proceed with remedial activities on September 19, 2023. Documentation of associated regulatory correspondence is included in Appendix B.

## REGULATORY FRAMEWORK

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

Based on the site characterization, results of the DTW boring/gauging and in accordance with Table I of 19.15.29.12 NMAC, the proposed RRALs for the Site are as follows:

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

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

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

## SITE VISIT SUMMARY

Tetra Tech personnel, on behalf of COP, visited the Zia Hills CR-1 Transfer Line Release area on November 1, 2022, to visually assess current site conditions and take photographs of the reported release area. Based on observations in the field and information provided by COP, the release extent consists of approximately 14,492 square feet of pastureland, largely in the vicinity of existing lay flat poly lines.

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During the site visit, the presumed release point was identified and is located near the entrance to a Plains Facility along Orla Road (CR-1). The release extent runs along a bar ditch in pastureland parallel to Orla Road (CR-1) and is approximately 0.28-miles in length. The width is variable but ranges from as wide as 30 feet to as narrow as 6 feet in some areas. Tetra Tech personnel observed multiple areas of soil staining running along the release flow path and various areas with evidence of pooling fluids throughout the extent. There are multiple rights-of-way located to the west and east of the release extent and three pipeline rights-of-way running perpendicular through the middle of the release footprint. Landowner fencing is located adjacent to the release extent that runs north to south along Orla Road. A semi-permanent t-post fence owned by Plains Pipeline runs along the north side of the release extent. A temporary fence, composed of t-posts and cattle panel, was placed by operations on the east and south sides of the release extent.

Numerous surface lines, subsurface gas lines, subsurface water lines, and subsurface oil lines were noted as running along Orla Road and a right-of-way to the east. A Mewbourne Oil Company subsurface line and a DCP subsurface gas line were also identified.

Prior to the site visit, COP representatives visited the site on October 30, 2022, and took photographs of the release area. These photographs were provided to Tetra Tech and depict the cut lines, subsurface lines, pooling areas, surface staining and the extent of the release. The approximate release extent is presented in Figure 3A and 3B.

### SITE ASSESSMENT AND SAMPLING RESULTS

Tetra Tech personnel were onsite to delineate and sample the release area in March 2023. Soil samples were collected from fifteen (15) locations within and around the release to evaluate the vertical and horizontal extent of the release. AH-1 and AH-6 were installed via hand auger within the release extent to a maximum depth of 1.5 feet bgs. AH-7 through AH-14 were installed via hand auger around the perimeter of the release footprint to a depth of 1-foot bgs. Due to a hard, cemented layer below ground surface, refusal was met at 1.5' at sample locations AH-1 through AH-6. In order to obtain vertical delineation within the release extent, one (1) trench (T-1) was completed with heavy equipment to a depth of 2 feet bgs near the release point in the vicinity of boring location AH-1. The boring locations and trench location are shown on Figure 3A and Figure 3B.

A total of nineteen (19) samples were collected from the sample locations and transferred under chain of custody and analyzed within appropriate holding times by Cardinal Laboratories (Cardinal). The soil samples were analyzed for TPH via Method 8015 Modified, chloride via Method SM4500Cl-B, and BTEX via Method 8021B.

Results from the March 2023 soil sampling events are summarized in Table 1. Analytical results associated with borings AH-1 through AH-4 were above reclamation requirements for TPH and/or chloride in soils. All other analytical results from the March 2023 sampling were below reclamation requirements. Vertical delineation was achieved at the AH-1/T-1 location. Horizontal delineation was achieved.

### REMEDIATION WORK PLAN AND ALTERNATIVE CONFIRMATION SAMPLING PLAN

The Release Characterization Work Plan (Work Plan) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on April 21, 2023, with fee application payment PO Number L6LJ0-230421-C-1410. The Work Plan described the results of the release assessment and provided characterization of the impact at the site. The Work Plan was approved via email by Nelson Velez of the NMOCD on Monday, July 10, 2023, with the following comments:

- *"Remediation Plan is approved on the following conditions; 1. OCD pre-approval will be required for any application of a microbial strain to any visually impacted rocks if encountered. Material data sheet of the microbial strain will need to be provided. 2. Variance to increase sampling area size for each 5 point composite sample per 400 square feet is approved. 3. ConocoPhillips has 90-days (Remediation Due date: 10/10/2023) to submit a final closure report or time extension request along with furnishing an update-to-date status of the remediation being conducted."*

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A copy of the regulatory correspondence is included in Appendix B.

## REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From September 18 to October 10, 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 September 14, 2023, the NMOCD district office was notified via email in accordance with Subsection D of 19.15.29.12 NMAC. On behalf of ConocoPhillips, Tetra Tech requested a 90-day extension on October 3, 2023, to complete remedial activities and associated reporting for the release incident. The extension request was approved same day via email stating a remediation due date of January 8, 2024. 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 a depth 4 feet below surrounding grade. All excavated material was transported offsite for proper disposal. Approximately 1,142 cubic yards of material were transported to the Northern Delaware Basin Landfill in Jal, New Mexico. Copies of the waste manifests are included in Appendix E.

Following initial excavation of the release footprint to a depth of 1.5 feet below surrounding grade, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Based on the results of the initial confirmation sampling, the release footprint was excavated to a depth of 4 feet below surrounding grade to achieve reclamation goals. Following the additional excavation, iterative confirmation samples were collected to verify acceptable cleanup levels were achieved. 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. Confirmation samples were collected at eleven (11) floor locations and twenty-four (24) sidewall locations during remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas and depths and confirmation sample locations are indicated in Figure 5.

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

## 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 backfilled areas were seeded in October 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 D.

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.



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## CONCLUSION

ConocoPhillips respectfully requests closure of the incident based on the confirmation sampling results and remediation activities performed. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation activities for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2861.

Sincerely,  
**Tetra Tech, Inc.**



Ryan C. Dickerson  
Project Manager



Christian M. Llull, P.G.  
Program Manager

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

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### **List of Attachments**

#### Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3A – Approximate Release Extent and Site Assessment
- Figure 3B – Approximate Release Extent and Site Assessment
- Figure 4 – Release Extent and DTW Location
- Figure 5 – Remedial Activities and Confirmation Sample Locations

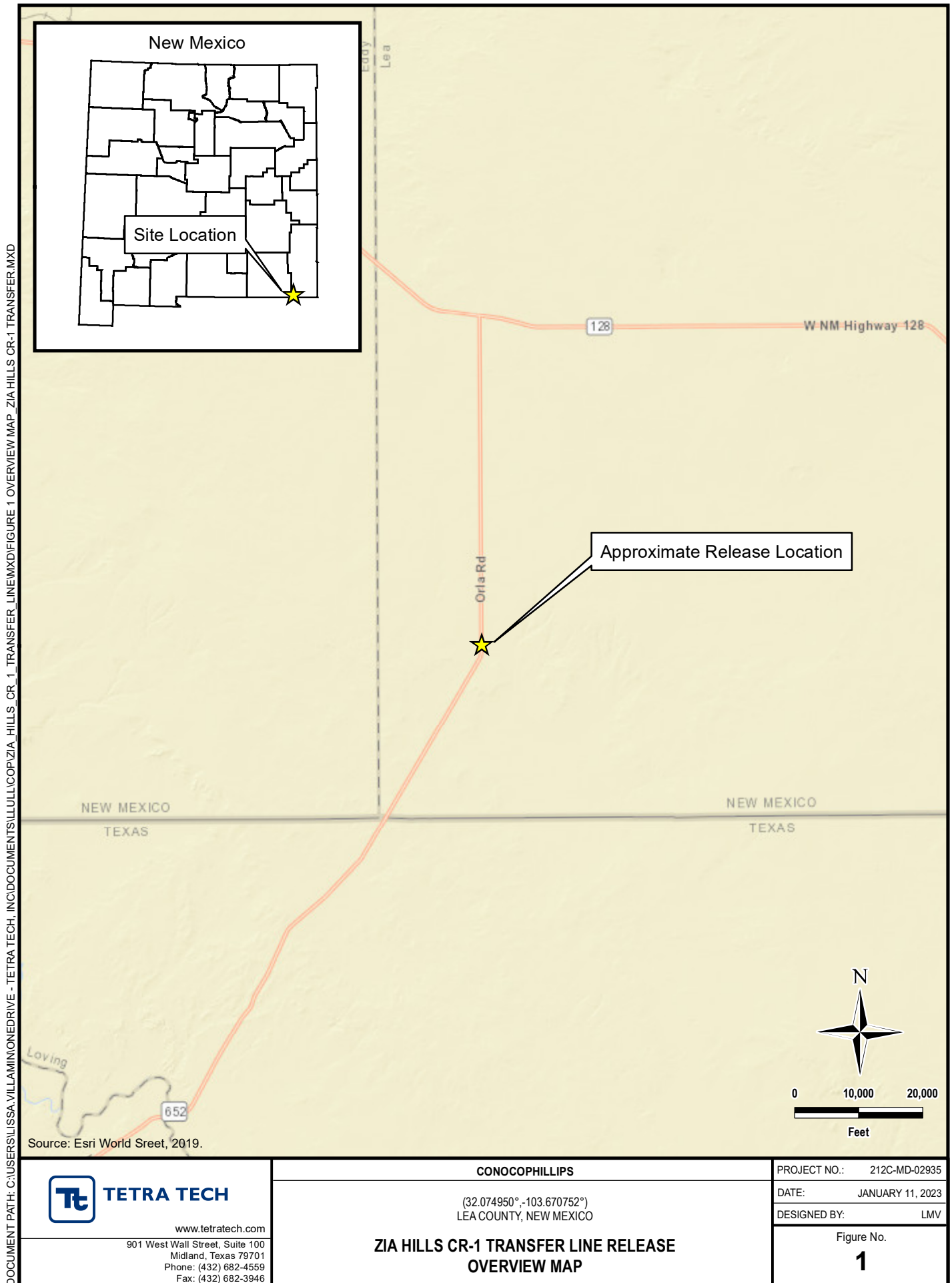
#### Tables:

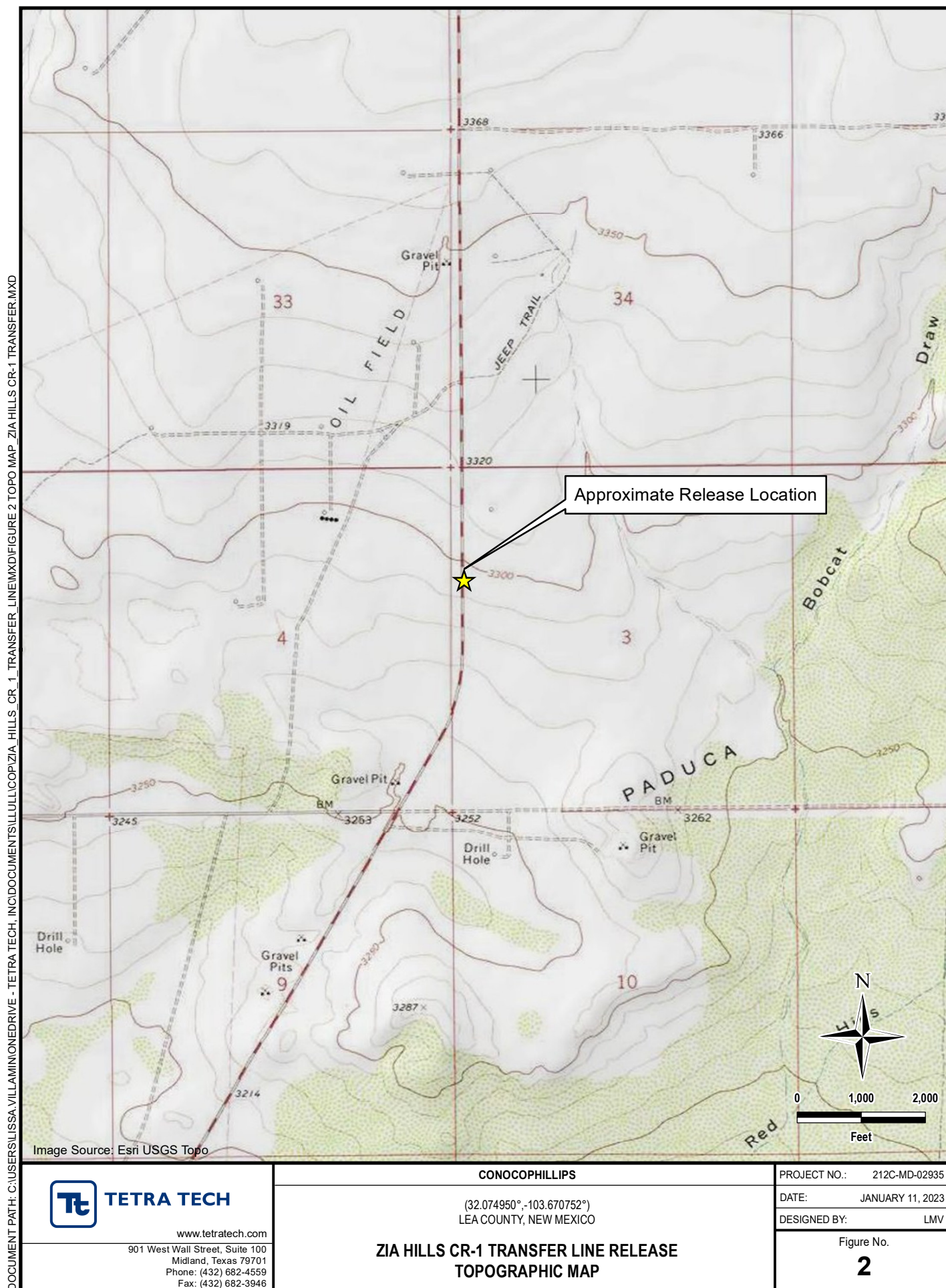
- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation

#### Appendices:

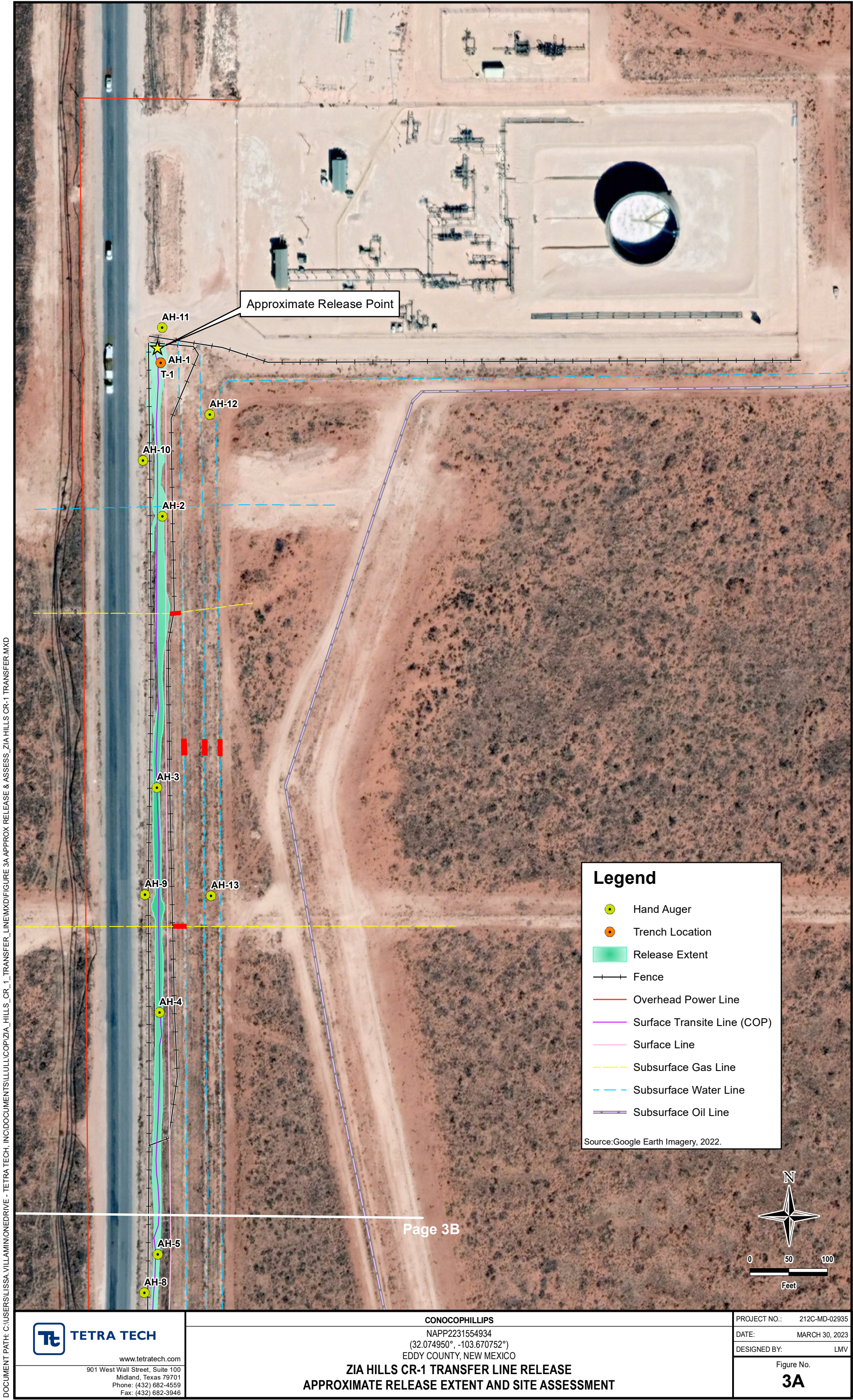
- Appendix A – C-141 Form
- Appendix B – Regulatory Correspondence
- Appendix C – Site Characterization Data
- Appendix D – Photographic Documentation
- Appendix E – Waste Manifests
- Appendix F – Laboratory Analytical Data

## **FIGURES**















DOCUMENT PATH: C:\USERS\LISSA.VILLAMONEDRIVE - TETRA TECH\INC\DOCUMENTS\ILLU\COPIA HILLS\_CR\_1\_TRANSFER\_LINE\MXD\FIGURE 4 RELEASE & DTW ZIA HILLS CR-1 TRANSFER.MXD



**TETRA TECH**

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**CONOCOPHILLIPS**

NAPP2231554934  
(32.074950°, -103.670752°)  
EDDY COUNTY, NEW MEXICO

**ZIA HILLS CR-1 TRANSFER LINE RELEASE  
RELEASE EXTENT AND DTW LOCATION**

PROJECT NO.: 212C-MD-02935

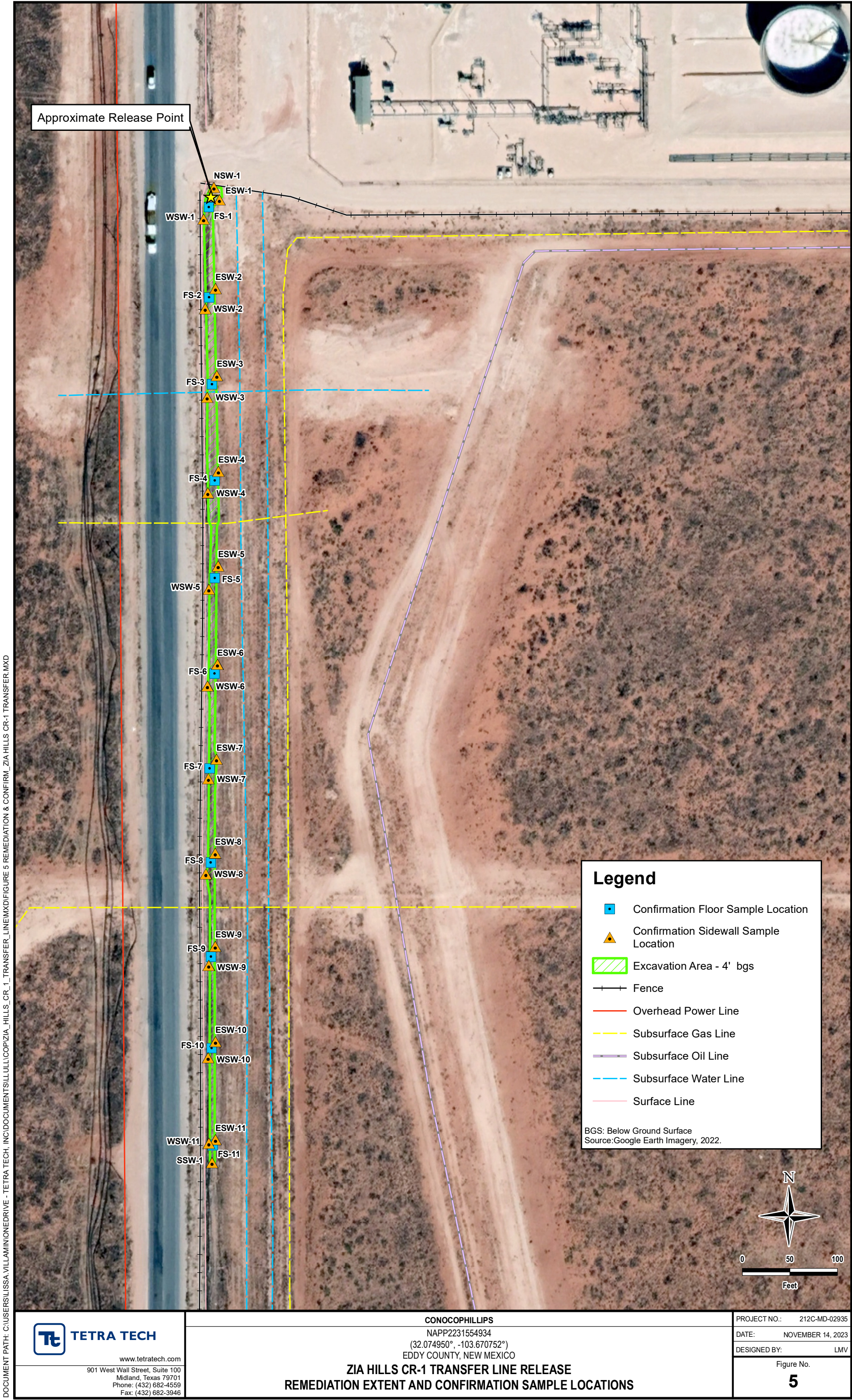
DATE: NOVEMBER 14, 2023

DESIGNED BY: LMV

Figure No.

**4**







## **TABLES**



TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
SOIL ASSESSMENT- NAPP2231554934  
CONOCOPHILLIPS  
ZIA HILLS CR-1 TRANSFER LINE RELEASE  
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results	Chlorides <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>									
				Chloride		Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	GRO+DRO		
			Chlorides		Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		C <sub>6</sub> - C <sub>10</sub>		> C <sub>10</sub> - C <sub>28</sub>		> C <sub>28</sub> - C <sub>36</sub>						
		ft. bgs	ppm	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	mg/kg		
Closure Criteria for Soils < 4' bgs:				< 600 mg/kg		< 10 mg/kg		-		-		-		< 50 mg/kg		-		-		-		< 100 mg/kg		-	
Closure Criteria for Soils > 4' bgs (GW > 100 ft):				< 20,000 mg/kg		< 10 mg/kg		-		-		-		< 50 mg/kg		-		-		-		< 2,500 mg/kg		< 1,000 mg/kg	
AH-1	3/13/2023	0-1	4,070	2,300		0.099		0.211		0.262		2.49		3.06		594		9,950		1,620		12,164	10,544		
		1-1.5	4,330	2,330		<0.050		0.162		0.127		1.71		2.00		439		15,000		2,870		18,309	15,439		
AH-2	3/13/2023	0-1	1,100	752		<0.050		0.495		0.410		11.3		12.2		714		23,500		4,060		28,274	24,214		
		1-1.5	1,400	768		<0.050		0.082		0.116		1.49		1.68		194		11,300		2,190		13,684	11,494		
AH-3	3/13/2023	0-1	1,120	11,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		4,210		1,060		5,270	4,210		
AH-4	3/13/2023	0-1	1,100	368		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		259		72.7		331.7	259		
		1-1.5	1,100	640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		278		58.6		336.6	278		
AH-5	3/13/2023	0-1	44	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
		1-1.5	49	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
AH-6	3/13/2023	0-1	825	336		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
AH-7	3/13/2023	0-1	281	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
AH-8	3/21/2023	0-1	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
AH-9	3/13/2023	0-1	401	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
AH-10	3/13/2023	0-1	365	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
AH-11	3/13/2023	0-1	298	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
AH-12	3/13/2023	0-1	341	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
AH-13	3/13/2023	0-1	323	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
AH-14	3/13/2023	0-1	367	96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		
T-1	3/23/2023	1.5-2	-	528		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-		

## NOTES:

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

**Bold and italicized values indicate exceedance of Reclamation Requirements for soils above 4 feet bgs outside of oil and gas production.**

Shaded rows indicate intervals proposed for excavation.

## QUALIFIERS:

TABLE 2  
SUMMARY OF ANALYTICAL RESULTS  
2023 SOIL REMEDIATION - NAPP2231554934  
CONOCOPHILLIPS  
ZIA HILLS CR-1 TRANSFER LINE RELEASE  
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride <sup>1</sup>		BTEx <sup>2</sup>										TPH <sup>3</sup>								
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEx		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	GRO + DRO	
		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C <sub>6</sub> - C <sub>10</sub>	Q	> C <sub>10</sub> - C <sub>28</sub>	Q	> C <sub>28</sub> - C <sub>36</sub>	Q				
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		
Closure Criteria for Soils < 4' bgs:			< 600 mg/kg		< 10 mg/kg		-		-		-		< 50 mg/kg		-		-		-		< 100 mg/kg		-
Closure Criteria for Soils > 4' bgs (GW >100 ft):			< 20,000 mg/kg		< 10 mg/kg		-		-		-		< 50 mg/kg		-		-		-		< 2,500 mg/kg		< 1,000 mg/kg
FS-1	9/20/2023	1.5	7,600		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-1 (4')*	9/26/2023	4	12,800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-2	9/20/2023	1.5	3,200		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-2 (2')*	9/22/2023	2	9,600		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-2 (3')**	9/22/2023	3	624		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-2 (4')***	9/22/2023	4	2,040		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-2 (5')	9/22/2023	5	424		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-3	9/20/2023	1.5	8,660		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-3 (4')*	9/26/2023	4	9,200		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-4	9/20/2023	1.5	4,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-4 (4')*	9/26/2023	4	352		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-5	9/20/2023	1.5	976		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-5 (4')*	9/26/2023	4	1,450		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		23.3		<10.0		23.3	23.3	
FS-6	9/20/2023	1.5	2,080		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-6 (4')*	9/26/2023	4	1,710		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-7	9/20/2023	1.5	3,120		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		33.6		13.3		46.9	33.6	
FS-7 (4')*	9/26/2023	4	1,800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-8	9/20/2023	1.5	1,760		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-8 (4')*	9/26/2023	4	6,260		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-9	9/20/2023	1.5	800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		273		71.1		344.1	273	
FS-9 (4')*	9/26/2023	4	4,560	QM-07	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-10	9/20/2023	1.5	1,390		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		77.3		25.4		102.7	77.3	
FS-10 (4')*	9/26/2023	4	1,330		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-11	9/20/2023	1.5	1,120		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
FS-11 (4')*	9/26/2023	4	2,880		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
NSW-1	9/20/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
SSW-1	9/20/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		156		63.4		219.4	156	
SSW-1 (4')*	9/21/2023	-	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
ESW-1	9/20/2023	-	2,200		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
ESW-1 (2')*	9/21/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
ESW-2	9/20/2023	-	416		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		34.5		11.6		46.1	34.5	
ESW-3	9/20/2023	-	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
ESW-4	9/20/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		20.0		20.0	-	
ESW-5	9/20/2023	-	320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		19.7		12.2		31.9	19.7	
ESW-6	9/20/2023	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
ESW-7	9/20/2023	-	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		261		110		371	261	
ESW-7 (2')*	9/21/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
ESW-8	9/20/2023	-	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
ESW-9	9/20/2023	-	304		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
ESW-10	9/20/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	
ESW-11	9/20/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-	

TABLE 2  
SUMMARY OF ANALYTICAL RESULTS  
2023 SOIL REMEDIATION - NAPP2231554934  
CONOCOPHILLIPS  
ZIA HILLS CR-1 TRANSFER LINE RELEASE  
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>									
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	GRO + DRO		
		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q					
		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				
Closure Criteria for Soils < 4' bgs:			< 600 mg/kg		< 10 mg/kg		-		-		-		< 50 mg/kg		-		-		-		< 100 mg/kg		-	
Closure Criteria for Soils > 4' bgs (GW >100 ft):			< 20,000 mg/kg		< 10 mg/kg		-		-		-		< 50 mg/kg		-		-		-		< 2,500 mg/kg		< 1,000 mg/kg	
WSW-1	9/20/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
WSW-2	9/20/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
WSW-3	9/20/2023	-	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
WSW-4	9/20/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
WSW-5	9/20/2023	-	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
WSW-6	9/20/2023	-	368		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		141		74.4		215.4		141	
WSW-6 (2')*	9/21/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
WSW-7	9/20/2023	-	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
WSW-8	9/20/2023	-	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		95.5		38.9		134.4		95.5	
WSW-8 (2')*	9/21/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		90.6		25.4		116		90.6	
WSW-8 (4')**	9/26/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		13.3		29.7		43		13.3	
WSW-9	9/20/2023	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
WSW-10	9/20/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		-	
WSW-11	9/20/2023	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		54.1		15.0		69.1		54.1	

## NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500CI-B

2 Method 8021B

3 Method 8015M

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

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

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

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

## QUALIFIERS:

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

## **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	NAPP2231554934
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	ConocoPhillips Company	OGRID	217817
Contact Name	Charles Beauvais	Contact Telephone	(575) 988-2043
Contact email	Charles.R.Beauvais@ConocoPhillips.com	Incident # (assigned by OCD)	NAPP2231554934
Contact mailing address	2208 West Main St, Artesia, NM 88210		

Location of Release Source

Latitude 32.074946 Longitude -103.670778  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	County Road 1, PW Transfer line	Site Type	Flow Line
Date Release Discovered	October 29th, 2022	API# (if applicable)	

Unit Letter	Section	Township	Range	County
E	03	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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 249	Volume Recovered (bbls) 20
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

3rd Party potentially cut the line. The responsible party at the time of this C-141 has not yet been identified COP is working with multiple groups to help identify the responsible party. COP is submitting the C-141 at this time to meet the two week initial report requirement, since some of the release constituents were released from the COP line that was cut.



Incident ID	NAPP2231554934
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? <b>Release exceeded 25 bbls of Produced Water</b>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, initial notice was immediately given to the OCD on 10/30. By Charles Beauvais and Kalei Jennings to the Robert Hamlet BLM, Mike Bratcher BLM, ocd.enviro@emnrd.nm.gov, and EMNRD-OCD-District1spills@emnrd.nm.gov via email.	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> 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: <b>Brittany N. Esparza</b>	Title: <b>Environmental Technician</b>
Signature: 	Date: <b>11/11/2022</b>
email: <b>Brittany.Esparza@ConocoPhillips.com</b>	Telephone: <b>(432) 221-0398</b>
<b><u>OCD Only</u></b>	
Received by: <b>Jocelyn Harimon</b>	Date: <b>11/14/2022</b>

L48 Spill Volume Estimate Form - Fill In Gray Cells																	
Facility Name & Well Number(s):				CR1 PW Transfer Line Release			Release Discovery Date & Time:			10/29/2022 Found 08:00 AM							
Provide any known details about the event:				Water transfer line was cut by 3rd party resulting in release. Unknown when line was cut and how much fluid was pumped in the line. Ops data provided indicates lines produces between 200 to 500 bbls per day. Cam to Plan Mapping.													
				Recovered Volume (bbl.) (if available, not included in volume calculations)		Method of Determination (dropdown)		Release Type (dropdown):		> 1/2" of Rain in Last 24 Hours (dropdown):		% Rainwater Recovered (not included in volume calculations, informational):					
BU:		Permian		Asset Area:		DBE - Asset Avg.		20		Field Measurement		Produced Water		No		0%	
Known Volume (dropdown):				No													
Known Area (dropdown):				Yes		Mapped Area (sq. ft.)		Average Depth (in.)		On/Off Pad		Soil Spilled-Fluid Saturation		Total Estimated Volume of Spill (bbl.)			
						21000		7		On-Pad		10.50%		228.95			

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

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

CONDITIONS  
  
Action 158250

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 158250
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	11/14/2022

Incident ID	NAPP2231554934
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Facility ID	
Application ID	

## Site Assessment/Characterization

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

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

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

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

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

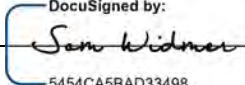
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico  
Oil Conservation Division

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Incident ID	NAPP2231554934
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Sam Widmer Title: Principal Program Manager  
Signature:  Date: Apr-21-2023  
email: Sam.widmer@conocophillips.com Telephone: 281-206-5298

**OCD Only**

Received by: Jocelyn Harimon Date: 04/21/2023



Incident ID	NAPP2231554934
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Facility ID	
Application ID	

## Remediation Plan

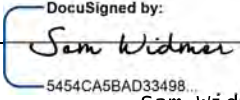
**Remediation Plan Checklist:** Each of the following items must be included in the plan.

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


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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Sam Widmer Title: Principal Program Manager  
Signature:  Date: Apr-21-2023  
email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

**OCD Only**

Received by: Jocelyn Harimon Date: 04/21/2023  
☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved  
See text box below - NV  
Signature:  Date: 07/10/2023

**Remediation Plan is approved on the following conditions:**

1. OCD pre-approval will be required for any application of a microbial strain to any visually impacted rocks if encountered. Material data sheet of the microbial strain will need to be provided.
2. Variance to increase sampling area size for each 5 point composite sample per 400 square feet is approved.
3. ConocoPhillips has 90-days (Remediation Due date: 10/10/2023) to submit a final closure report or time extension request along with furnishing an update-to-date status of the remediation being conducted.

Incident ID	NAPP2231554934
District RP	
Facility ID	
Application ID	

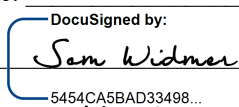
## Closure

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

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

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

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

Printed Name: Sam Widmer Title: Principal Program Manager  
Signature:  Date: Nov-15-2023  
email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

### OCD Only

Received by: Shelly Wells Date: 11/16/2023

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

## **APPENDIX B**

# **Regulatory Correspondence**

**From:** [Nobui, Jennifer, EMNRD](#)  
**To:** [Llull, Christian](#)  
**Cc:** [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Harimon, Jocelyn, EMNRD](#)  
**Subject:** RE: [EXTERNAL] (Extension Request 1) NAPP2231554934 - Zia Hills - CR-1 Transfer Line Release  
**Date:** Tuesday, January 31, 2023 5:05:24 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

You don't often get email from [jennifer.nobui@emnrd.nm.gov](mailto:jennifer.nobui@emnrd.nm.gov). [Learn why this is important](#)

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

Hello Christian

OCD approves your request for a 90-day extension to 04/27/2023 to submit a remediation plan. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,  
Jennifer Nobui

---

**From:** Llull, Christian <Christian.Llull@tetrattech.com>  
**Sent:** Tuesday, January 31, 2023 3:44 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>  
**Subject:** [EXTERNAL] (Extension Request 1) NAPP2231554934 - Zia Hills - CR-1 Transfer Line Release

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To whom it may concern:

On behalf of ConocoPhillips, Tetra Tech is requesting a 90-day extension (until April 27, 2023) to complete the release characterization and associated reporting for the Zia Hills - CR-1 Transfer Line Release site (**NAPP2231554934**).

According to the State of New Mexico Form C-141 Initial Report, the release was discovered on October 29, 2022. The cause of the release was noted as resulting from a "3rd party potentially cut the line," and the responsible party at the time of the C-141 had not been identified. Approximately 249 bbls of produced water were reported released, of which 20 bbls were recovered. These volumes are estimates. The New Mexico Oil Conservation District (NMOCD) received this initial Form C-141 on November 11, 2022, and subsequently assigned the release the Incident ID NAPP2231554934.

From investigation, an unidentified operator was indeed cutting other non-COP surface flowlines in the vicinity of the water transfer line and inadvertently severed the COP line. ConocoPhillips has taken measures to pinpoint the 3<sup>rd</sup> party but has been unsuccessful in identifying the operator. COP is willing to conduct release assessment at the project site, however additional time is required to complete the assessment activities.

The requested 90-day extension will allow for release characterization to be conducted at the Site. Once the sampling data is collected, tabulated, and evaluated, a remediation work plan will be submitted to the NMOCD.

Thank you in advance.

**Christian Llull, P.G.** | Program Manager

Direct +1 (512) 338-2861 | Business +1 (512) 338-1667 | Fax +1 (512) 338-1331 | [christian.llull@tetrattech.com](mailto:christian.llull@tetrattech.com)

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | [tetrattech.com](http://tetrattech.com)

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**Dickerson, Ryan**

---

**From:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>  
**Sent:** Thursday, September 28, 2023 5:21 PM  
**To:** Dickerson, Ryan  
**Cc:** Llull, Christian  
**Subject:** Re: [EXTERNAL] COP - Zia Hills CR-1 Transfer Line Release (Incident ID NAPP2231554934) - Depth-to-Water Determination

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

Good afternoon Ryan,

Thank you for the correspondence. Your assessment on the lateral distance is accepted. Please proceed with the proposed DTW boring.

Please keep a copy of this communication for inclusion within the appropriate or final closure report submittal.

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Dickerson, Ryan <Ryan.Dickerson@tetrattech.com>  
**Sent:** Thursday, September 28, 2023 3:01 PM  
**To:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>  
**Cc:** Llull, Christian <Christian.Llull@tetrattech.com>  
**Subject:** [EXTERNAL] COP - Zia Hills CR-1 Transfer Line Release (Incident ID NAPP2231554934) - Depth-to-Water Determination

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Mr. Velez,

Due to a lack of available water level data in the area, Tetra Tech, on behalf of ConocoPhillips, proposes to install a depth-to-water (DTW) boring to determine groundwater depth in the vicinity of the Zia Hills CR-1 Transfer Line Release (NAPP2231554934) and establish RRALs.

The proposed DTW boring location is approximately 0.7-mile away from the release footprint and will be located at the Pintail 3 Federal #001H (API 30-025-40684) as this is the nearest lease pad in which we have access.

Please let Tetra Tech know if 0.7-mile is within the discretionary limit for groundwater determination for this site.

Thanks,

Ryan

**Ryan Dickerson** | Project Geologist  
Cell +1 (512) 217-7254 | [ryan.dickerson@tetrattech.com](mailto:ryan.dickerson@tetrattech.com)

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**Dickerson, Ryan**

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**From:** Taylor, Shelly J <sjtaylor@blm.gov>  
**Sent:** Monday, September 18, 2023 10:21 AM  
**To:** Dickerson, Ryan  
**Cc:** Llull, Christian; Poole, Nicholas  
**Subject:** Re: [EXTERNAL] FW: Request for Approval - Zia Hills CR-1 Transfer Line Release Remediation

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

You are cleared to proceed with remedial activities.

Sincerely,

*Shelly J Taylor*

Environmental Protection Specialist  
Realty - Compliance

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



**Spill/Release email: [BLM\\_NM\\_CFO\\_REALTY\\_SPILL@BLM.GOV](mailto:BLM_NM_CFO_REALTY_SPILL@BLM.GOV)**

---

**From:** Dickerson, Ryan <Ryan.Dickerson@tetrattech.com>  
**Sent:** Friday, September 15, 2023 2:56 PM  
**To:** Taylor, Shelly J <sjtaylor@blm.gov>  
**Cc:** Llull, Christian <Christian.Llull@tetrattech.com>; Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>  
**Subject:** [EXTERNAL] FW: Request for Approval - Zia Hills CR-1 Transfer Line Release Remediation

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

Shelly,

Have you had a chance to review the remediation plan for the Zia Hills CR-1 Transfer Line Release Site? The remediation is scheduled to begin Monday, 9/18, so I wanted to reach out again to make sure the planned work is acceptable.

I left a voicemail earlier today at the phone number in your email signature, but I thought I would follow-up with an email to make sure I reach you.

This site is in an active right-of-way, and an arch survey has been completed.

Please let me know if you have any questions or require additional information.

Have a good weekend,

Ryan

**Ryan Dickerson** | Project Geologist  
Cell +1 (512) 217-7254 | [ryan.dickerson@tetrattech.com](mailto:ryan.dickerson@tetrattech.com)

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---

**From:** Dickerson, Ryan  
**Sent:** Wednesday, September 13, 2023 1:24 PM  
**To:** Taylor, Shelly J <[sjtaylor@blm.gov](mailto:sjtaylor@blm.gov)>  
**Cc:** Llull, Christian <[Christian.Llull@tetrattech.com](mailto:Christian.Llull@tetrattech.com)>; Poole, Nicholas <[NICHOLAS.POOLE@tetrattech.com](mailto:NICHOLAS.POOLE@tetrattech.com)>  
**Subject:** Request for Approval - Zia Hills CR-1 Transfer Line Release Remediation

Shelly,

Good afternoon. I write on behalf of ConocoPhillips.

Tetra Tech is assisting with remediation of a previously reported unplanned release with the NMOCD. The Release Characterization Work Plan was submitted to NMOCD (with appropriate fee) on 4/21/2023. NMOCD approved the Workplan/Remediation proposal on 7/10/2023. NMOCD approval is attached. The NMOCD approval states ConocoPhillips has 90 days to submit a final closure report, which is a deadline of **10/10/2023**.

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 .kmz file showing the proposed remedial action area is attached.

Aerial imagery and a site visit indicates the area to be along CR-1 and contained multiple surface flowlines.

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:** Zia Hills CR-1 Transfer Line Release

**Lea County, NM**

**GPS Coordinates:** 32.074950, -103.670752

**Incident ID:** NAPP2231554934

**Date Release Discovered:** October 29, 2022

**Location:** Along the eastern side of CR-1

**Volume Released:** Approximately 249 bbls of produced water were released.

**The observed impacted area is approximately 13,700 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@tetrattech.com](mailto:ryan.dickerson@tetrattech.com)

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**TETRA TECH**

**Dickerson, Ryan**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Monday, July 10, 2023 11:34 AM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 209793

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

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2231554934, with the following conditions:

- **Remediation Plan is approved on the following conditions; 1. OCD pre-approval will be required for any application of a microbial strain to any visually impacted rocks if encountered. Material data sheet of the microbial strain will need to be provided. 2. Variance to increase sampling area size for each 5 point composite sample per 400 square feet is approved. 3. ConocoPhillips has 90-days (Remediation Due date: 10/10/2023) to submit a final closure report or time extension request along with furnishing an update-to-date status of the remediation being conducted.**

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

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

Thank you,  
Nelson Velez  
Environmental Specialist - Advanced  
505-469-6146  
Nelson.Velez@emnrd.nm.gov

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

**Dickerson, Ryan**

---

**From:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>  
**Sent:** Thursday, September 14, 2023 4:50 PM  
**To:** Dickerson, Ryan  
**Cc:** Llull, Christian; Poole, Nicholas; Velez, Nelson, EMNRD; Bratcher, Michael, EMNRD  
**Subject:** RE: [EXTERNAL] Incident ID: NAPP2231554934- Confirmation Sampling

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

Notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,  
Scott

**Scott Rodgers** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113  
505.469.1830 | [scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/ocd>



---

**From:** Dickerson, Ryan <Ryan.Dickerson@tetrattech.com>  
**Sent:** Thursday, September 14, 2023 1:25 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** Llull, Christian <Christian.Llull@tetrattech.com>; Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>  
**Subject:** [EXTERNAL] Incident ID: NAPP2231554934- Confirmation Sampling

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Incident ID (n#) **NAPP2231554934** (Zia Hills CR-1 Transfer Line Release)

To whom it may concern,

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

Remediation activities are beginning at the site Monday, September 18, 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 will be conducted at this site from Tuesday, September 19 through Monday, September 25, 2023.

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

**Ryan Dickerson** | Project Geologist  
Cell +1 (512) 217-7254 | [ryan.dickerson@tetrattech.com](mailto:ryan.dickerson@tetrattech.com)

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**Dickerson, Ryan**

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**From:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>  
**Sent:** Tuesday, October 3, 2023 2:01 PM  
**To:** Dickerson, Ryan; Enviro, OCD, EMNRD  
**Cc:** Llull, Christian; Bratcher, Michael, EMNRD  
**Subject:** Re: [EXTERNAL] COP - Zia Hills CR-1 Transfer Line Release (Incident ID NAPP2231554934) - Extension Request

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

Good afternoon Mr. Dickerson,

Your 90-day time extension request is approved. Remediation Due date has been updated to January 8, 2024 within the incident file.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Dickerson, Ryan <Ryan.Dickerson@tetrattech.com>  
**Sent:** Tuesday, October 3, 2023 11:43 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Llull, Christian <Christian.Llull@tetrattech.com>  
**Subject:** [EXTERNAL] COP - Zia Hills CR-1 Transfer Line Release (Incident ID NAPP2231554934) - Extension Request

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Mr. Velez:

On behalf of ConocoPhillips, Tetra Tech is requesting an additional 90-day extension (until January 8, 2023) to complete remedial activities, installation of a groundwater determination boring and the ensuing closure report submittal for the Zia Hills CR-1 Transfer Line Release site (**NAPP2231554934**). Justification for this request is described below.



As you know, remedial activities at the Zia Hills CR-1 Transfer Line Release site are currently ongoing. Remediation of this release requires excavating to greater depths than proposed in the Remediation Work Plan. As mentioned in the Remediation Work Plan, a lithified layer exists at about 1.5 feet below the surface, and removal of this material is taking more time and effort than anticipated.

Additionally, due to a lack of available water level data in the area, Tetra Tech, on behalf of ConocoPhillips, will be installing a depth-to-water (DTW) boring in the area to determine groundwater depth in the vicinity of the Zia Hills CR-1 Transfer Line Release.

ConocoPhillips plans to complete remediation at the site as well as installing a DTW boring in the coming month. Once the site has been remediated, backfilled, and seeded, a closure report will be submitted to the OCD. Please let me know if you have any questions or concerns.

Ryan

**Ryan Dickerson** | Project Geologist  
Cell +1 (512) 217-7254 | [ryan.dickerson@tetrattech.com](mailto:ryan.dickerson@tetrattech.com)

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## **APPENDIX C**

### **Site Characterization Data**



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 04549 POD1</a>	CUB	LE		1	1	1	11	26S	32E	627111	3548316	2043	0	0	0
<a href="#">C 04485 POD1</a>	CUB	LE		4	1	1	12	26S	32E	629039	3548125	3842	55		
<a href="#">C 04209 POD1</a>	CUB	LE		2	3	3	06	26S	32E	620903	3548619	4641	360	155	205
<a href="#">C 04209 POD2</a>	C	LE		2	3	3	06	26S	32E	620818	3548657	4718	340	155	185
<a href="#">C 03829 POD1</a>	CUB	LE		3	3	1	06	26S	32E	620628	3549186	4840	646	350	296
<a href="#">C 03554 POD1</a>	CUB	ED		2	1	4	01	26S	31E	620547	3549148	4923	630	300	330

Average Depth to Water: **192 feet**

Minimum Depth: **0 feet**

Maximum Depth: **350 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 625457.28

Northing (Y): 3549516.27

Radius: 5000

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.

1/10/23 8:35 AM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER

212C-MD-02935		<b>TETRA TECH</b>		<b>LOG OF BORING DTW</b>				Page 1 of 3	
Project Name: Pintail 3 Federal #001H DTW									
Borehole Location: GPS Coordinates: 32.06545°, -103.66163°				Surface Elevation: 3288'					
Borehole Number: <b>DTW</b>				Borehole Diameter (in.): 8"		Date Started: 10/3/2023		Date Finished: 10/3/2023	

DEPTH (ft)	OPERATION TYPES	SAMPLE	CHLORIDE CONCENTRATION (ppm)	VOC CONCENTRATION (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS				
												While Drilling <input checked="" type="checkbox"/> DRY		24 Hours After Completion of Drilling <input checked="" type="checkbox"/> DRY		
Remarks:												DEPTH (ft)	WELL DIAGRAM			
MATERIAL DESCRIPTION																
5												-SM- CALICHE: Tan, moderately cemented, poorly sorted, dry.		4		
												-SM- SILTY SAND: Reddish brown, weakly cemented, well sorted, dry.		8		
10												-SM- CALICHE: Tan, moderately cemented, poorly sorted, dry.		10		
												-SM- CALICHE: White, moderately cemented, poorly sorted, dry.		11.5		
15												-SM- CALICHE: Light reddish tan, poorly sorted, with gypsum nodules, dry.				
												-SW- SAND: Tan, moderately sorted, dry.		25		
20												-SP- SAND: Reddish tan: well sorted, dry.		29		
25																
30																
35																

Sampler Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input checked="" type="checkbox"/> Split Spoon  <input type="checkbox"/> Shelby  <input type="checkbox"/> Bulk Sample  <input type="checkbox"/> Grab Sample         </div> <div style="width: 50%;"> <input type="checkbox"/> Acetate Liner  <input type="checkbox"/> Vane Shear  <input type="checkbox"/> California  <input type="checkbox"/> Test Pit         </div> </div>	Operation Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Hollow Stem Auger  <input type="checkbox"/> Continuous Flight Auger  <input type="checkbox"/> Mud Rotary         </div> <div style="width: 50%;"> <input type="checkbox"/> Auger  <input type="checkbox"/> Air Rotary  <input type="checkbox"/> Direct Push  <input checked="" type="checkbox"/> Drive Casing         </div> </div>	Notes: Surface elevation is an approximate value collected from Google Earth data.
--	---	---


  

Logger: Ivan Ramos	Drilling Equipment: Air Rotary	Driller: Scarborough Drilling
--------------------	--------------------------------	-------------------------------

212C-MD-02935		<b>TETRA TECH</b>		<b>LOG OF BORING DTW</b>				Page 2 of 3											
Project Name: Pintail 3 Federal #001H DTW																			
Borehole Location: GPS Coordinates: 32.06545°, -103.66163°				Surface Elevation: 3288'															
Borehole Number: <b>DTW</b>				Borehole Diameter (in.): 8"		Date Started: 10/3/2023		Date Finished: 10/3/2023											
DEPTH (ft)	OPERATION TYPES	SAMPLE	CHLORIDE CONCENTRATION (ppm)	VOC CONCENTRATION (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	<b>WATER LEVEL OBSERVATIONS</b> While Drilling <input checked="" type="checkbox"/> <u>DRY</u> 24 Hours After Completion of Drilling <input checked="" type="checkbox"/> <u>DRY</u> Remarks:							
												<b>MATERIAL DESCRIPTION</b>			DEPTH (ft)	<b>WELL DIAGRAM</b>			
40																			
45																			
50																			
55																			
60																			
65																			
70																			

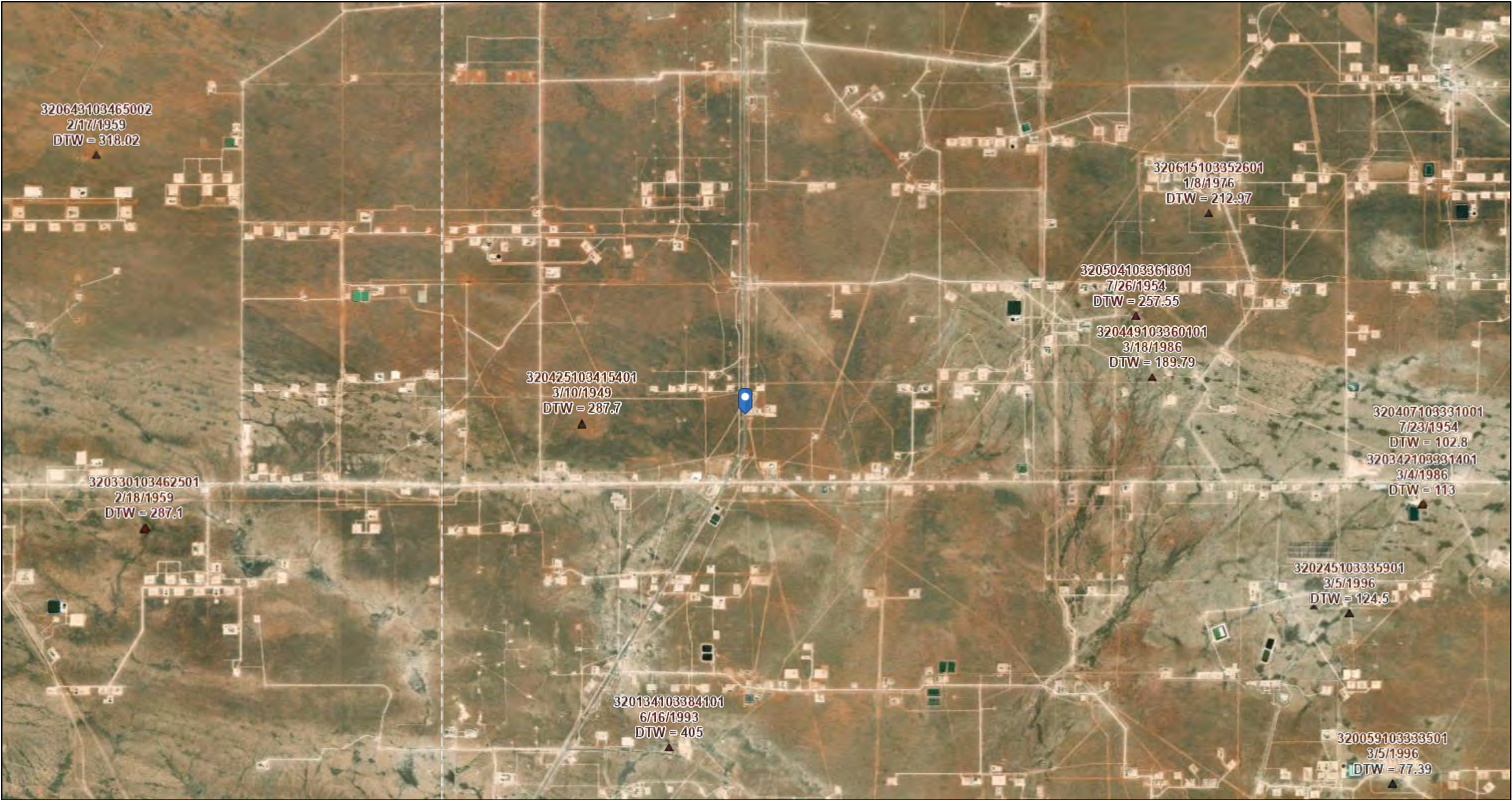
<b>Sampler Types:</b> <input checked="" type="checkbox"/> Split Spoon <input checked="" type="checkbox"/> Shelby <input checked="" type="checkbox"/> Bulk Sample <input checked="" type="checkbox"/> Grab Sample	<input checked="" type="checkbox"/> Acetate Liner <input checked="" type="checkbox"/> Vane Shear <input checked="" type="checkbox"/> California <input checked="" type="checkbox"/> Test Pit	<b>Operation Types:</b> <input checked="" type="checkbox"/> Auger <input checked="" type="checkbox"/> Hollow Stem Auger <input checked="" type="checkbox"/> Continuous Flight Auger <input checked="" type="checkbox"/> Mud Rotary	<input checked="" type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Direct Push <input checked="" type="checkbox"/> Drive Casing	<b>Notes:</b> Surface elevation is an approximate value collected from Google Earth data.
--	---	--	---	--

<b>Logger:</b> Ivan Ramos	<b>Drilling Equipment:</b> Air Rotary	<b>Driller:</b> Scarborough Drilling
---------------------------	---------------------------------------	--------------------------------------

212C-MD-02935		 TETRA TECH		LOG OF BORING DTW				Page 3 of 3								
Project Name: Pintail 3 Federal #001H DTW																
Borehole Location: GPS Coordinates: 32.06545°, -103.66163°				Surface Elevation: 3288'												
Borehole Number: DTW				Borehole Diameter (in.): 8"		Date Started: 10/3/2023		Date Finished: 10/3/2023								
DEPTH (ft)	OPERATION TYPES	SAMPLE	CHLORIDE CONCENTRATION (ppm)	VOC CONCENTRATION (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	WATER LEVEL OBSERVATIONS						
			ExStik	PID					LL	PI	MINUS NO. 200 (%)	GRAPHIC LOG	While Drilling <input checked="" type="checkbox"/> DRY 24 Hours After Completion of Drilling <input checked="" type="checkbox"/> DRY			
Remarks:										MATERIAL DESCRIPTION				DEPTH (ft)	WELL DIAGRAM	
75																
80																
85																
90																
95																
100																
105																
Sampler Types:		<input checked="" type="checkbox"/> Split Spoon	<input type="checkbox"/> Acetate Liner	Operation Types:		<input checked="" type="checkbox"/> Auger	Bottom of borehole at 105.0 feet.									
		<input type="checkbox"/> Shelby	<input type="checkbox"/> Vane Shear			<input type="checkbox"/> Hollow Stem Auger	Notes:									
		<input type="checkbox"/> Bulk Sample	<input type="checkbox"/> California			<input type="checkbox"/> Continuous Flight Auger	Surface elevation is an approximate value collected from Google Earth data.									
		<input type="checkbox"/> Grab Sample	<input type="checkbox"/> Test Pit			<input type="checkbox"/> Mud Rotary										
						<input type="checkbox"/> Air Rotary										
						<input type="checkbox"/> Direct Push										
						<input type="checkbox"/> Drive Casing										
Logger: Ivan Ramos				Drilling Equipment: Air Rotary				Driller: Scarborough Drilling								

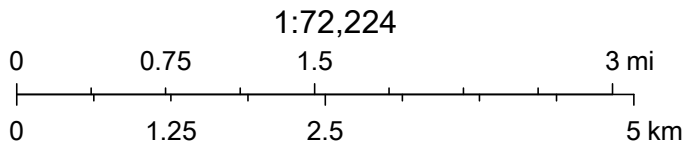


# USGS Groundwater Wells



1/19/2023, 8:20:24 AM

▲ USGS Historical GW Wells



Esri, HERE, Garmin, Earthstar Geographics, USGS



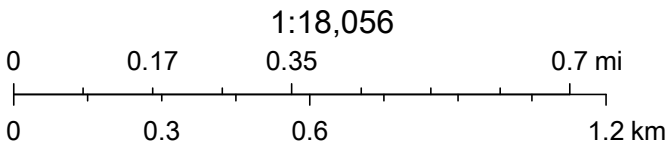
# OCD Karst Potential Map



1/19/2023, 8:17:00 AM

Karst Occurrence Potential

- Medium
- Low



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

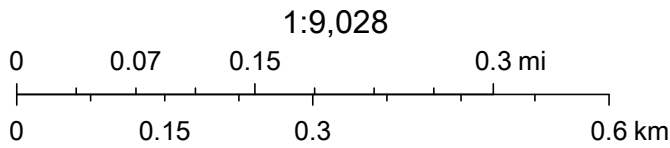


# OCD Waterbodies Map



1/19/2023, 8:13:23 AM

— OSE Streams

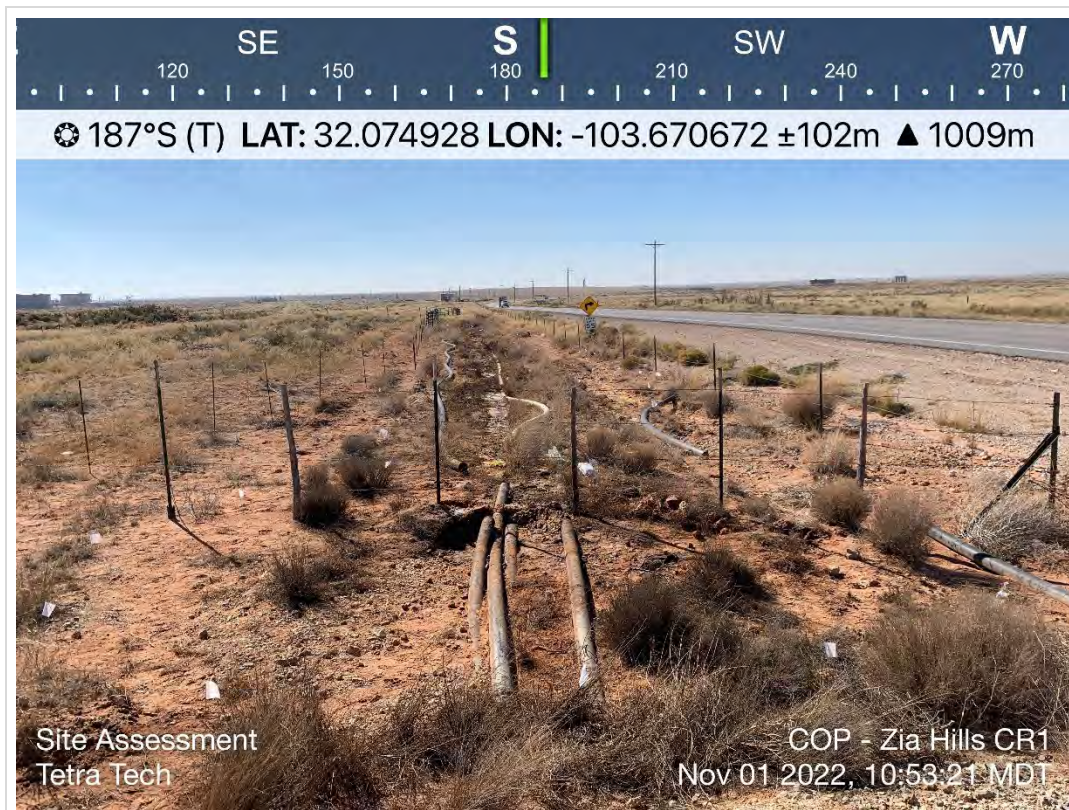


Esri, HERE, Garmin, IPC, Maxar, NM OSE



## **APPENDIX D**

# **Photographic Documentation**

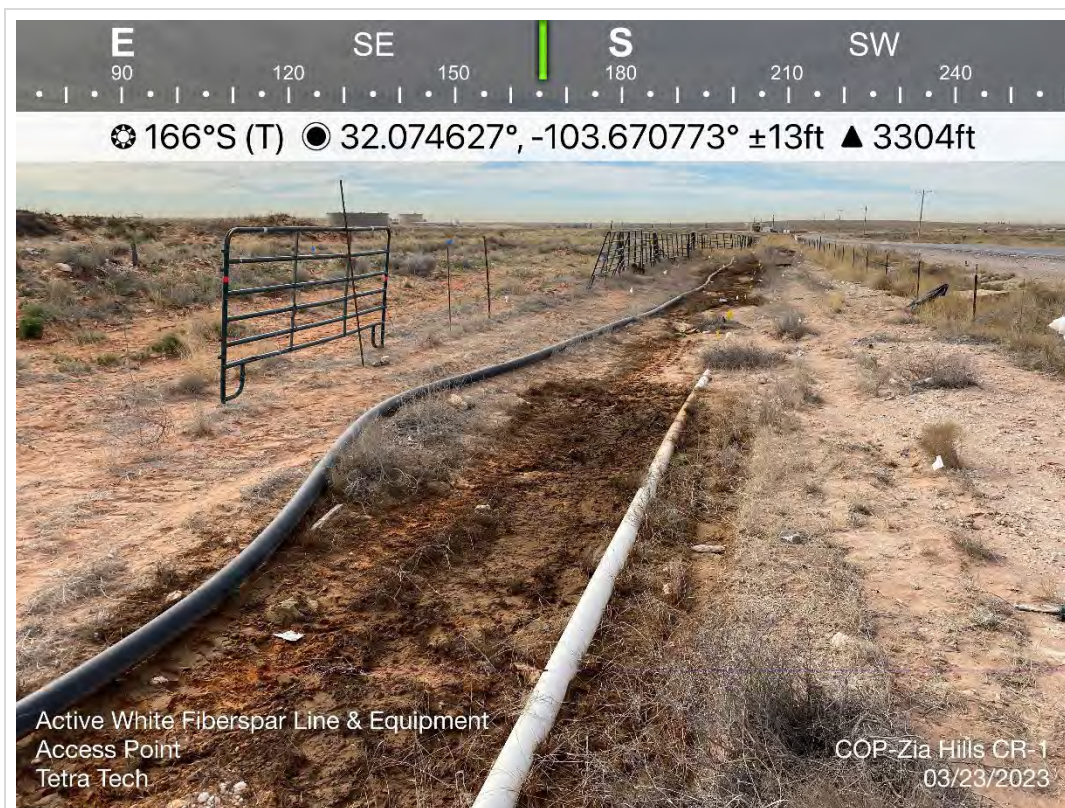


TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View south of approximate release point. View of surface lines with down gradient slope. Staining is apparent.	1
	SITE NAME	Zia Hills CR-1 Transfer Line Release	11/1/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View south-southeast moving south of release. Surface lines visibly damaged with staining and pooling.	2
	SITE NAME	Zia Hills CR-1 Transfer Line Release	11/1/2022



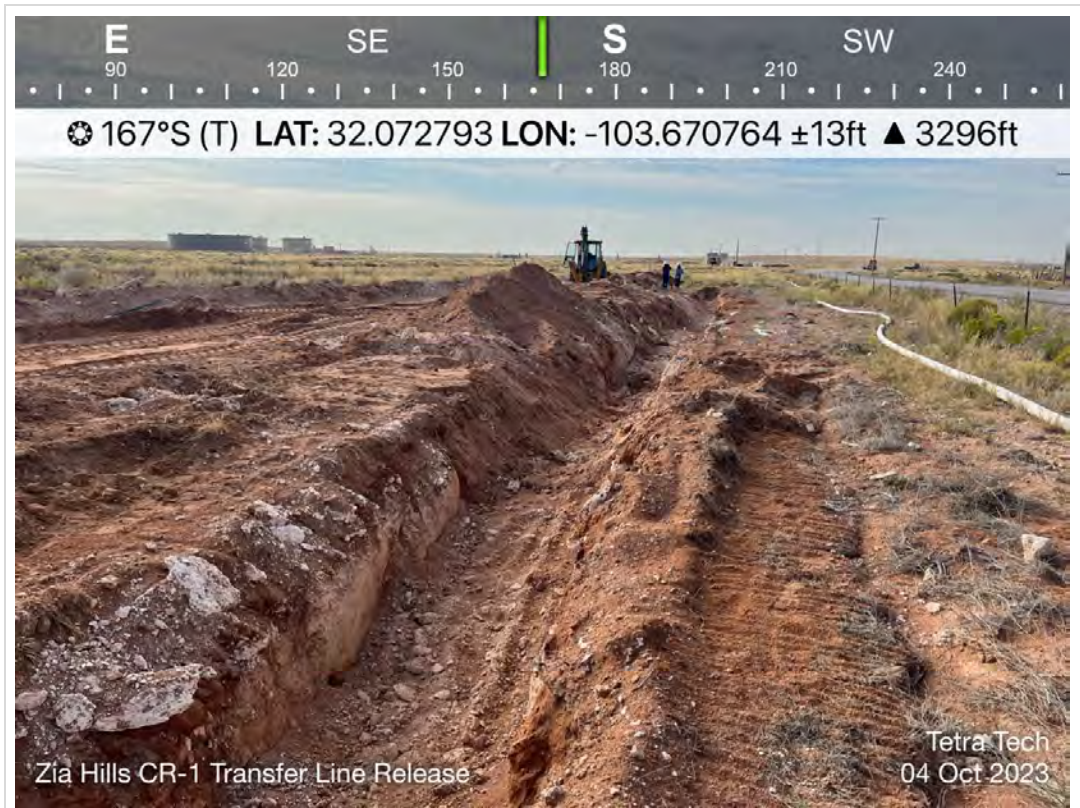


TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View south-southeast moving south of release. Surface lines visibly damaged with staining and pooling.	3
	SITE NAME	Zia Hills CR-1 Transfer Line Release	3/23/2023

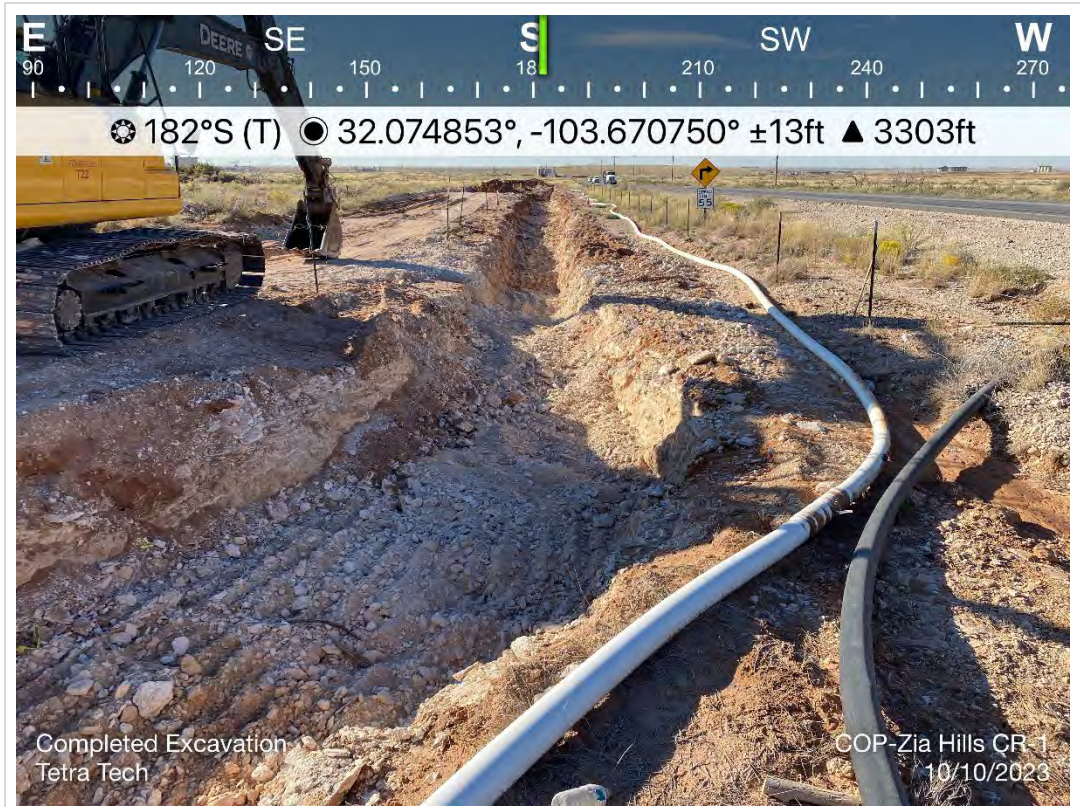


TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View north-northwest. Remediated area, 4' excavation.	4
	SITE NAME	Zia Hills CR-1 Transfer Line Release	10/4/2023





TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View south. Remediated area, 4' excavation.	5
	SITE NAME	Zia Hills CR-1 Transfer Line Release	10/4/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View south. Remediated area, 4' excavation and surface polylines.	6
	SITE NAME	Zia Hills CR-1 Transfer Line Release	10/10/2023





TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View north. Remediated area, 4' excavation and surface polylines.	7
	SITE NAME	Zia Hills CR-1 Transfer Line Release	10/10/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View north. Backfilled and seeded area.	8
	SITE NAME	Zia Hills CR-1 Transfer Line Release	10/11/2023





TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View south. Backfilled and seeded area.	9
	SITE NAME	Zia Hills CR-1 Transfer Line Release	10/11/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View north. Backfilled and seeded area.	10
	SITE NAME	Zia Hills CR-1 Transfer Line Release	10/11/2023



## **APPENDIX E**

### **Waste Manifests**



Customer Copy

## WEIGHT TICKET

Ticket # 194223

Start: 09/18/2023 02:51 PM

End: 09/18/2023 03:25 PM

By: owl.gina

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
C4	C0	04	\$0.01	\$0.04

Hauler: McNabb Partners

Driver: Brandon Cunnels

Lease: Zia Hills Transfer Line Release

Well: N/A

APE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 1

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Trailer (hydrovac)

UOM: Cuyd

UOM Count: 4

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

C8			\$0.01	\$0.04
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.04

TAX ----&gt; \$0.00

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.04

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 194396

Start: 09/15/2023 03:15 PM

End: 09/15/2023 03:35 PM

By: owl.geraldine

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

Hauler: McNabb

Driver: Gummer RCZ

Lease: Zia Hills CRI Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

Client Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count:

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Test - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01

\$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: CimcoPhillips Company

Driver: Kark, Work

ID/License:



## --- WEIGHT TICKET ---

Ticket # 194357

Start: 09/19/2023 11:55 AM

End: 09/19/2023 12:04 PM

By: owl.gina

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
14	CO	14	\$0.01	\$0.14

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 3

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump truck

UOM: CuYd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

13			\$0.01	\$0.14
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License: Victoria Hardy



Customer Copy

## WEIGHT TICKET

Ticket # 194358

Start: 09/19/2023 11:58 AM

End: 09/19/2023 12:05 PM

By: owl.geraldine

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

Hauler: McNabb

Driver: Gummer R.

Lease: Zia Hills CRI Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01

\$0.16

SUE TOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 194373

Start: 09/19/2023 01:23 PM

End: 09/19/2023 01:30 PM

By: owl.gina

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16
Hauler: McNabb Partners				
Driver: Lunar Rodriguez				
Lease: Zia Hills CR1 Transfer Line Release				
Well: N/A				
APE #: N/A				
County, State: LEA (NM)				
API #: N/A				
Manifest #: 5				
Client Company Name: Sam Widmer				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump truck				
UOM: CuYd				
UOM Count: 16				
PF Test Result: Pass				
H2S Test: Pass				

## H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## WEIGHT TICKET

Ticket # 194374

Start: 09/19/2023 01:26 PM

End: 09/19/2023 01:39 PM

By: owl.geraldina

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil				
14	CO	14	\$0.01	\$0.14

Hauler: McNabb Partners

Driver: Victoria H.

Lease: Zia Hills CRI Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

MCM: Durd

MCM Count: 14

FF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

18

\$0.01 \$0.14

SUBTOTAL	---->	\$0.14
TAX	---->	\$0.01
ROUNDING	---->	\$-0.00
TOTAL	---->	\$0.15

Customer: ConocoPhillips Company

Driver: Karan Work

ID/License:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 194341

Start: 09/19/2023 10:35 AM

End: 09/19/2023 10:48 AM

By: owl.geraldine

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

Hauler: McNabb

Driver: Gunter Roz

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: Dwyd

UDM Count: 10

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

~~Paint Filter - PASS~~

<del>C1</del>	<del>C0</del>	<del>01</del>	<del>\$0.00</del>	<del>\$0.00</del>
---------------	---------------	---------------	-------------------	-------------------

NDRM - PASS

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	C0	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## WEIGHT TICKET

Ticket # 194397

Start: 09/19/2023 03:21 PM

End: 09/19/2023 04:54 PM

By: owl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

13	CO	14	\$0.01	\$0.14
----	----	----	--------	--------

Haul to: Mckayb

Dr: Victoria H

in Hills CRI Transfer Line Release

N/A

County, State: LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

COM: CUYD

COM Count: 14

FF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NDRM - PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

13

\$0.01

\$0.14

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 194517

Start: 09/20/2023 10:19 AM

End: 09/20/2023 10:26 AM

B:/owl.gira

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

14	CO	14	\$0.01	\$0.14
----	----	----	--------	--------

Hauler: McNabb

Driver: Josh Busty

Lease: Zia Hills DR1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 9

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co: Ticket #: N/A

Truck Type: Sp. Truck

H2S Testing: PASS

H2S Ticket: 01

H2S Testing	PASS	01	\$0.00	\$0.00
-------------	------	----	--------	--------

Paint #	PASS	01	\$0.00	\$0.00
---------	------	----	--------	--------

NORM - PASS	CO	01	\$0.00	\$0.00
-------------	----	----	--------	--------

Additional Photos	CO	01	\$0.00	\$0.00
-------------------	----	----	--------	--------

18			\$0.01	\$0.14
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 194533

Start:09/20/2023 11:43 AM

End:09/20/2023 11:55 AM

By:owl.geraldine

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

Hauler: McNabb Partners

Driver: Victor Manzano

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dum Truck

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

I2S Test: Pass

## H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WRIGHT TICKET

Ticket # 194519

Start: 09/20/2023 10:25 AM

End: 09/20/2023 10:38 AM

By: owl.gina

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

16	00	16	\$0.01	\$0.16
----	----	----	--------	--------

Hauler: McNabb

Driver: Alvaro Tercero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 11

Client Company: Marc Sam Widmer

Big Hole # 4/A

Ticket #: N/A

Ticket #: N/A

UOM: Cord

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUE TOTAL --&gt; \$0.16

TAX --&gt; \$0.01

ROUNDING --&gt; \$0.00

TOTAL --&gt; \$0.17

Customer: ConocoPhillips Company

Print: Gen Work

ID/Location:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 194532

Start: 09/20/2023 11:42 AM

End: 09/20/2023 11:54 AM

By: cwl.gina

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

Hauler: McNabb Partners

Driver: Alvaro Tercero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 12

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 16

FF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01 \$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Kuran Work

ID/License:





Customer Copy

## -----WEIGHT TICKET-----

Ticket # 194554

Start: 09/20/2023 01:23 PM

End: 09/20/2023 01:33 PM

By: owl.judy

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

Hauler: McNabb  
 Driver: Victor Menzano  
 Lease: Zia Hills CR-1 Transfer Line Release  
 Well: N/A  
 AFE #: N/A  
 County, State: LEA (NM)  
 API #: N/A  
 Client Company Man: Sam Widner  
 Rig Name & Number: N/A  
 Trucking Co Ticket #: N/A  
 Truck Type: Dumps Truck  
 UOM: CUYd  
 UOM Count: 18  
 PF Test Result: Pass  
 H2S Test: Pass

## H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos:

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

22			\$0.01	\$0.18
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 194518

Start: 09/20/2023 10:20 AM

End: 09/21/2023 10:23 AM

By: K. Geraldine

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

Hauler: McNabb

Driver: Victor Manzano

Lease: 21 Hills CR Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump truck

UDM: 30yd

UDM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01 \$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## WEIGHT TICKET

Ticket # 194553

Start: 09/20/2023 01:22 PM

End: 09/20/2023 01:32 PM

By: owl.geraldine

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

Hauler: McNabb

Driver: Alvaro Tercero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NDRM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01

\$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 194579

Start: 09/20/2023 03:25 PM

End: 09/20/2023 03:32 PM

By: owl.judy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	CO	18	\$0.01	\$0.18

Hauler: McKabb

Driver: Alvaro Tercero

Lease: Zia H Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UCM: Judd

UCM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

22			\$0.01	\$0.18
----	--	--	--------	--------

SUE TOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 194577

Start: 09/20/2023 03:19 PM

End: 09/20/2023 03:34 PM

By: Jody

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

18	00	18	\$0.01	\$0.18
----	----	----	--------	--------

Hauler: McKabb

Driver: Victor Menzano

Lease: ZIA Hills CR-1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing -- PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter -- PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM -- PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

22			\$0.01	\$0.18
----	--	--	--------	--------

SUE TOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## WEIGHT TICKET

Ticket # 194562

Start: 09/20/2023 02:20 PM

End: 09/20/2023 02:28 PM

By: owl.geraldine

GRUSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

14	CO	14	\$0.01	\$0.14
----	----	----	--------	--------

Hauler: McNabb

Driver: Josh Busty

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

APE #: N/A

County: Water LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump TRUCK

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NDRM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

18

\$0.01 \$0.14

SUBTOTAL ---&gt; \$0.14

TAX ---&gt; \$0.01

ROUNDING ---&gt; \$0.00

TOTAL ---&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:



Customer Copy

## WEIGHT TICKET

Ticket # 194748

Start: 09/21/2023 10:42 AM

End: 09/21/2023 10:52 AM

By: DWL, Ivan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil				
16	CO	16	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Victor Menzango

Use: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

APT #: N/A

Client Company Name: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Trucks

UOM: Yrd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 194746

Start: 09/21/2023 10:37 AM

End: 09/21/2023 10:45 AM

By: DWL Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Alvaro Tercero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Curb

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 194753

Start: 09/21/2023 10:58 AM

End: 09/21/2023 11:08 AM

By: cowladan

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

Hauler: McNabb Partner  
 Driver: Lunar Rdz *← LUMER*  
 Lease: Zia Hills CR : Transfer Line Release  
 Well: N/A  
 AFE #: N/A  
 County, State: LEA (NM)  
 API #: N/A  
 Client Company Man: Sam Widmer  
 Rig Name & Number: N/A  
 Trucking Co Ticket #: N/A  
 Truck Type: Dump Truck  
 UOM: Dyd  
 UOM Count: 16  
 PF Test Result: Pass  
 H2S Test: Pass

## H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ---&gt; \$0.16

TAX ---&gt; \$0.01

ROUNDING ---&gt; \$0.00

TOTAL ---&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

*LUMER**LUMER*





Customer Copy

## -----WEIGHT TICKET-----

Ticket # 194791

Start: 09/21/2023 02:01 PM

End: 09/21/2023 02:09 PM

By: cwl.adan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

## Contaminated Soil

18	CO	18	\$0.01	\$0.18
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Alaparo Terceiro

Lease: Zia Hills CR 1 Transfer Line Release RMR

Project

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 23

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

22			\$0.01	\$0.18
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

IS/Liberty



Customer Copy

## WEIGHT TICKET

Ticket # 194814

Start: 09/21/2023 03:16 PM

End: 09/21/2023 03:23 PM

By: OWL Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
14	00	14	\$0.01	\$0.14

Hauler: McNabb Partners

Driver: Josh Bushy

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Trucks

UOM: CuYd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

H2S Testing -- PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Marker -- PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM -- PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

18			\$0.01	\$0.14
----	--	--	--------	--------

SUE TOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## -----WEIGHT TICKET-----

Ticket # 195697

Start: 09/20/2023 09:47 AM

End: 09/26/2023 10:01 AM

B/: owl.adan

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

Hauler: McNabb Partners

Driver: Victor Manzano

Lease: Zia Hills CR1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LFA (NM)

API #: N/A

Client Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cubic

UOM Count: 12

RF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUE TOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 195700

Start: 09/26/2023 10:01 AM

End: 09/26/2023 10:11 AM

By: owl.adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	00	18	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Lunar Rdz

Lease: Zia Hills CR1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck M36

UOM: CuYd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	00	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	00	01	\$0.00	\$0.00

NORM - PASS				
C1	00	01	\$0.00	\$0.00

Additional Photos				
C1	00	01	\$0.00	\$0.00

20			\$0.01	\$0.16
----	--	--	--------	--------

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

Customer: ConocoPhillips Company

Driver: Karan Work

ID/License:

Lunar Rdz





## WEIGHT TICKET

Ticket # 195718

Start: 09/26/2023 11:14 AM

End: 09/26/2023 11:21 AM

B/L: DML Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Victor Menzano

Lease: Zia Hills CRI Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck/ M32

UOM: CuYd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
01	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
01	CO	01	\$0.00	\$0.00

NORM - PASS				
01	CO	01	\$0.00	\$0.00

Additional	105			
01	CO	01	\$0.00	\$0.00

20

40.01 \$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 195750

Start: 09/26/2023 01:07 PM

End: 09/26/2023 01:12 PM

By: cwl.adan

GROSS	TAPE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

18 CO

18

\$0.01

\$0.18

Hauler: McNabb Partners

Driver: Jesse Moreno

Lease: Zia Hills CR1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: End Dump

UDM: Dwyd

UDM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1

CO

01

\$0.00

\$0.00

Paint Filter - PASS

C1

CO

01

\$0.00

\$0.00

NORM - PASS

C1

CO

01

\$0.00

\$0.00

Additional Photos

C1

CO

01

\$0.00

\$0.00

22

\$0.01

\$0.18

SUE TOTAL ---&gt; \$0.18

TAX ---&gt; \$0.01

ROUNDING ---&gt; \$0.00

TOTAL ---&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 195735

Start: 09/26/2023 12:09 PM

End: 09/26/2023 12:18 PM

By: cwl.adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	00	18	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Lumer Rdz

Lease: Zia Hills CRI Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: Curyd

UDM Count: 18

PF Test Result: Pass

H2S Test: Pass

## H2S Testing -- PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter -- PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM -- PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

LUMER RDZ





Customer Copy

## WEIGHT TICKET

Ticket # 195755

Start: 09/26/2023 01:23 PM

End: 09/26/2023 01:32 PM

By: owl.adan

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

Hauler: McNabb Partners

Driver: Victor Menzies

Lease: Zia Hills CRI Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Hill Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cubyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01 \$0.16

*Victor Menzies*

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



## WEIGHT TICKET

Ticket # 195767

Start: 09/26/2023 01:58 PM

End: 09/26/2023 02:03 PM

B/: owl.adam

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

16

CO

16

\$0.01

\$0.16

Hauler: McNabb Partners

Driver: Lumer Rdz

Lease: Zia Hills CRI Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS	CO	01	\$0.00	\$0.00
C1				

Paint Filter - PASS	CO	01	\$0.00	\$0.00
C1				

NORM - PASS	CO	01	\$0.00	\$0.00
C1				

Additional Photos	CO	01	\$0.00	\$0.00
C1				

20			\$0.01	\$0.16
----	--	--	--------	--------

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

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

LUMER RDZ



Customer Copy

## WEIGHT TICKET

Ticket # 195793

Start: 09/26/2023 03:29 PM

End: 09/26/2023 03:32 PM

By: owl.adan

GROSS	NET	PRICE	AMOUNT
Contaminated Soil	18	\$0.01	\$0.18

Hauler: McNabb Partners

Driver: Victor Manzano

Lease: Zia Hills CRI Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Men: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: JUD

UDM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS	01	\$0.00	\$0.00
--------------------	----	--------	--------

Paint Filter - PASS	01	\$0.00	\$0.00
---------------------	----	--------	--------

NORM - PASS	01	\$0.00	\$0.00
-------------	----	--------	--------

Additional Photos	01	\$0.00	\$0.00
-------------------	----	--------	--------

22

\$0.01 \$0.18

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## WEIGHT TICKET

Ticket # 195798

Start: 09/26/2023 03:48 PM

End: 09/26/2023 03:50 PM

By: owl.adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16
Hauler: McNabb Partners				
Driver: Gunter Rodriguez				
Lease: Zia Hills CRI Transfer Line Release				
Well: N/A				
AFE #: N/A				
County, State: LEA (NM)				
API #: N/A				
Client Company Man: Sam Widmer				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
UOM: Cuyd				
UOM Count: 16				
PF Test Result: Pass				
H2S Test: Pass				

PS Testing - PASS	01	CO	\$0.00	\$0.00
-------------------	----	----	--------	--------

Paint Filter - PASS	01	CO	\$0.00	\$0.00
---------------------	----	----	--------	--------

NORM - PASS	01	CO	\$0.00	\$0.00
-------------	----	----	--------	--------

Additional Photos	01	CO	\$0.00	\$0.00
-------------------	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

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

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



Customer: Conoco

WELL TICKET

TICKET # 195929

Start: 2023 10:11 AM

End: 2023 10:25 AM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

## Contaminated Soil

18	CO	18	\$0.01	\$0.18
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Alvaro Tercero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

APE #: N/A

County, State: LEA (NM)

API #: N/A

Plant #: 34

Oil Field Company Man: Sam Widmer

Trig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

LDM: DWD

HDM Count: 16

FF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

22

\$0.01

\$0.18

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

*Alvaro Tercero*  
 Customer: ConocoPhillips Company  
 Driver: Karen Work  
 ID/License:



## WEIGHT TICKET

Ticket # 195927

Start: 09/27/2023 10:00 AM

End: 09/27/2023 10:09 AM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

18 10.01

\$0.18

Hauler: McNabb Partners

Driver: Gumer Rodriguez

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 35

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Filter - PASS

01

\$0.00

\$0.00

Paint Filter - PASS

01

\$0.00

\$0.00

NORM - PASS

01

\$0.00

\$0.00

Additional Photos

01

\$0.00

\$0.00

\$0.01 \$0.18

22

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

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

GUMER RDZ





## WEIGHT TICKET

Ticket # 195935

Start: 09/27/2023 10:39 AM

End: 09/27/2023 10:42 AM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

14	CO	14	\$0.01	\$0.14
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 363

Client Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

H2S Testing -- PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter -- PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NDRM -- PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

18

			\$0.01	\$0.14
--	--	--	--------	--------

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 195955

Start: 09/27/2023 11:52 AM

End: 09/27/2023 11:57 AM

By: owl.adan

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

Hauler: McNabb Partners

Driver: Lumar Rdz

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	00	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	00	01	\$0.00	\$0.00

NORM - PASS				
C1	00	01	\$0.00	\$0.00

Additional Photos				
C1	00	01	\$0.00	\$0.00

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:

LUMAR RDZ



Customer Copy

## WEIGHT TICKET

Ticket # 195960

Start: 09/27/2023 12:02 PM

End: 09/27/2023 12:15 PM

By: cwl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Albano Tercero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 38

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CYD

UOM Count: 20

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

20		\$0.01	\$0.16
----	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## WEIGHT TICKET

Ticket # 195984

Start: 09/27/2023 12:12 PM

End: 09/27/2023 12:23 PM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
14	CO	14	\$0.01	\$0.14

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 39

Client Company Name: Sam Widmar

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CYD

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

18

\$0.01

\$0.14

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 195979

Start: 09/27/2023 01:22 PM

End: 09/27/2023 01:31 PM

By: owl.amy

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

Hauler: McNabb Partners

Driver: Zia Hills CR 1 Transfer Line Release

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 40

Client Company Name: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL --&gt; \$0.16

TAX --&gt; \$0.01

ROUNDING --&gt; \$0.00

TOTAL --&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

LUMER RDZ



Customer Copy

## WEIGHT TICKET

Ticket # 195986

Start: 09/27/2023 01:54 PM

End: 09/27/2023 02:04 PM

By: cwl.amy

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

Hauler: McNabb Partners

Driver: Alvaro Tercero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 41

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01

\$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## WEIGHT TICKET

Ticket # 195990

Start: 09/27/2023 02:13 PM

End: 09/27/2023 02:19 PM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
14	CO	14	\$0.01	\$0.14

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Zia Hills # 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 42

Client Company Name: Sam - Idner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

18			\$0.01	\$0.14
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 196014

Start: 09/27/2023 03:26 PM

End: 09/27/2023 03:34 PM

By: owl.adan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16
Hauler: McNabb Partner				
Driver: Lumar Rdz				
Lease: Zia Hills CR1 Transfer Line Release				
Well: N/A				
AFE #: N/A				
County, State: LEA (NM)				
API #: N/A				
Client Company Name: Sam Widmer				
Rig Name & Number: N/A				
Trucking: Trivet #: N/A				
Truck Type: Tank Truck				
UOM: Cubic				
UOM Count: 16				
FF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
01	CO	01	\$0.00	\$0.00
Paint Filter - PASS				
01	CO	01	\$0.00	\$0.00
NORM - PASS				
01	CO	01	\$0.00	\$0.00
Additional Photos				
01	CO	01	\$0.00	\$0.00
20			\$0.01	\$0.16

SUE TOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

LUMER Rdz



Customer Copy

## WEIGHT TICKET

Ticket # 196015  
 Start: 09/27/2023 03:28 PM  
 End: 09/27/2023 03:39 PM  
 By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16

Hauler: McNabb Partners  
 Driver: Alvaro Tercero  
 Lease: Zia Hills CR 1 Transfer Line Release  
 Well: N/A  
 AFE #: N/A  
 County, State: LEA (NM)  
 API #: N/A  
 Manifest #: 44  
 Client Company Man: Sam Widmer  
 Rig Name & Number: N/A  
 Trucking Co Ticket #: N/A  
 Truck Type: Dump Truck  
 UOM: Cuyd  
 UOM Count: 16  
 PF Test Result: Pass  
 H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

20

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

*Alvaro Tercero*  
 Customer: ConocoPhillips Company  
 Driver: Kuran Work  
 ID/License:





Customer Copy

## WEIGHT TICKET

Ticket # 196019

Start: 09/27/2023 03:37 PM

End: 09/27/2023 03:44 PM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
14	0	14	\$0.01	\$0.14

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 45

Client Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

H2S Tasting - PASS				
01	00	01	\$0.00	\$0.00

Paint Filter - PASS				
01	00	01	\$0.00	\$0.00

NORM - PASS				
01	00	01	\$0.00	\$0.00

Additional Photos				
01	00	01	\$0.00	\$0.00

18			\$0.01	\$0.14
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Victoria Hardy



## WEIGHT TICKET

Ticket # 196177

Start: 09/28/2023 10:10 AM

End: 09/28/2023 10:17 AM

B: cwl.gina

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

Hauler: McNabb Partners

Driver: Alvaro Toranzo

Lea: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 46

Client Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS	01	\$0.00	\$0.00
C1	CO		

Paint Filter - PASS	01	\$0.00	\$0.00
C1	CO		

NDRM - PASS	01	\$0.00	\$0.00
C1	CO		

Additional Photos	01	\$0.00	\$0.00
C1	CO		

20	\$0.01	\$0.16
SUBTOTAL ---->	\$0.16	
TAX ---->	\$0.01	
ROUNDING ---->	\$0.00	
TOTAL ---->	\$0.17	

*Alvaro Toranzo*  
 Customer: ConocoPhillips Company  
 Driver: Karen Work  
 ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 196176

Start: 09/28/2023 09:39 AM

End: 09/28/2023 10:08 AM

By: DML Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
14	CO	14	\$0.01	\$0.14

Hauler: McNabb Partners

Driver: Valerie Hardy

Lea: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

18		\$0.01	\$0.14
----	--	--------	--------

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

\*ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## WEIGHT TICKET

Ticket # 196201

Start: 09/28/2023 11:30 AM

End: 09/28/2023 11:37 AM

By: DWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

## Contaminated Soil

14	CO	14	\$0.01	\$0.14
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

18			\$0.01	\$0.14
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



## WEIGHT TICKET

Ticket # 196198

Start: 09/28/2023 11:22 AM

End: 09/28/2023 11:37 AM

By: cwl.gina

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

16

CO

16

\$0.01

\$0.16

Hauler: McNabb Partners

Driver: Alvaro Tercero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 49

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump truck

UDM: Durd

UDM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1

CO

01

\$0.00

\$0.00

Paint Filter - PASS

C1

CO

01

\$0.00

\$0.00

NORM - PASS

C1

CO

01

\$0.00

\$0.00

Additional Photos

C1

CO

01

\$0.00

\$0.00

20

\$0.01

\$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 196233

Start: 09/28/2023 01:14 PM

End: 09/28/2023 01:21 PM

By: DPL Ivan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

## Contaminated Soil

18	CO	18	\$0.01	\$0.18
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Arie Mayberry

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps/ M83

UOM: Cuyd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

22			\$0.01	\$0.18
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

*Arie Truck M83*  
*Zia Hills CR1*





Customer Copy

## WEIGHT TICKET

Ticket # 196222

Start: 09/28/2023 12:36 PM

End: 09/28/2023 12:44 PM

By: owl.gina

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

## Contaminated Soil

14	CO	14	\$0.01	\$0.14
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Zia Hills DR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 51

Client Company Men: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 14

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

18			\$0.01	\$0.14
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 196224

Start: 09/28/2023 12:45 PM

End: 09/28/2023 12:49 PM

B: cowl.gina

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Alvaro Tercero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 52

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: Dwyd

UDM Count: 16

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

20		\$0.01	\$0.16
----	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:



Cust: Copy

## WEIGHT TICKET

Ticket # 196252

Start: 09/28/2023 02:41 PM

End: 09/28/2023 02:45 PM

By: DWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
16	CO	16	\$0.01	\$0.16

Hauler: McNabb Partners

Driver: Alvaro Terosero

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

APE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck M31

UOM: CuYd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
01	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
01	CO	01	\$0.00	\$0.00

NORM - PASS				
01	CO	01	\$0.00	\$0.00

Additional Photos				
01	CO	01	\$0.00	\$0.00

20

\$0.01

\$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

*Alvaro Terosero*  
 Customer: ConocoPhillips Company  
 Driver: Karen Work  
 ID/License:





## -----WEIGHT TICKET-----

Ticket # 196253

Start: 09/28/2023 02:45 PM

End: 09/28/2023 02:59 PM

By: owl.gira

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

## Contaminated Soil

18	CO	18	\$0.01	\$0.18
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Acie Mayberry

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

APE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 54

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: Cuyd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## NDRM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

22

\$0.01

\$0.18

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

powered by TrueCloudERP.com

Acie Truck 2283

Zia Hills CR1



Customer Copy

## WEIGHT TICKET

Ticket # 196251

Start: 09/28/2023 02:40 PM

End: 09/28/2023 02:44 PM

B: cwl.gina

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
14	00	14	\$0.01	\$0.14

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 55

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: Cuyd

UDM Count: 12

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	00	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	00	01	\$0.00	\$0.00

NORM - PASS				
C1	00	01	\$0.00	\$0.00

Additional Photos				
C1	00	01	\$0.00	\$0.00

13			\$0.01	\$0.14
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.14

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:



Customer Copy

## WEIGHT TICKET

Ticket # 196953

Start: 10/02/2023 11:15 AM

End: 10/02/2023 11:31 AM

By: owl.geraldine

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

Hauler: McNabb

Driver: Gumer Rodriguez

Lease: Zia Hills CR-1 Transfer Line Release

Well: N/A

AFE #: N/A

Country, State: Dump Truck

API #: N/A

Manifest #: N/A

Client Company Name: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

	\$0.01	\$0.16
--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

RD/Line No:

TUMEN R.





Customer Copy

## -----WEIGHT TICKET-----

Ticket # 196959

Start: 10/02/2023 11:33 AM

End: 10/02/2023 11:42 AM

By: cwl.gina

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

Hauler: McNabb Partners

Driver: Jesse Moreno

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 57

Client Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	00	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	00	01	\$0.00	\$0.00

NORM - PASS				
C1	00	01	\$0.00	\$0.00

Additional Photos				
C1	00	01	\$0.00	\$0.00

22			\$0.01	\$0.18
----	--	--	--------	--------

SUE TOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karan Work

ID/License:



Customer Copy

## WEIGHT TICKET

Ticket # 196956

Start: 10/02/2023 11:28 AM

End: 10/02/2023 11:34 AM

B: owl.gina

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

18	CO	18	\$0.01	\$0.18
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Asia Mayberry

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 58

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CYD

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

APR - PASS

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

01	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

10.01	\$0.18
-------	--------

SUBTOTAL ---&gt; \$0.18

TAX ---&gt; \$0.01

ROUNDING ---&gt; \$0.00

TOTAL ---&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Azic Truck M83

ZIA Hills CR1



Customer Copy

## WEIGHT TICKET

Ticket # 196961

Start: 10/02/2023 11:40 AM

End: 10/02/2023 11:48 AM

By: owl.gina

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

Hauler: McNabb Partners

Driver: Victor Manzano

Lease: Zia Hills CR1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 50

Manifest L: 1, Manifest R: 1, Manifest W: 1

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cuyd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

C1	00	01	00	\$0.00
----	----	----	----	--------

## Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01

\$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:





Customer Copy

## -----WEIGHT TICKET-----

Ticket # 196976

Start: 10/02/2023 12:16 PM

End: 10/02/2023 12:51 PM

By: owl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

16	CO	16	\$0.01	\$0.16
----	----	----	--------	--------

Hauler: M. Nabb

Driver: Gumer Rodriguez

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County: State: LEA (NM)

API #: N/A

Manifest #: 60

Client/Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Cubyd

UOM Count: 16

EF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

NDRM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

20			\$0.01	\$0.16
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

GUMER R.



## WEIGHT TICKET

Ticket # 196977

Start: 10/02/2023 12:42 PM

End: 10/02/2023 12:53 PM

By: owl.geraldina

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil	18	CO	18	10.01	\$0.18
-------------------	----	----	----	-------	--------

Hauler: McNabb

Driver: Asia Mayberry

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 61

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: Cuyd

UOM Count: 18

RF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

Paint Filter - PASS	C1	CO	01	10.00	\$0.00
---------------------	----	----	----	-------	--------

NORM - PASS	C1	CO	01	10.00	\$0.00
-------------	----	----	----	-------	--------

Additional Photos	C1	CO	01	10.00	\$0.00
-------------------	----	----	----	-------	--------

22	10.01	\$0.18
SUBTOTAL	→	\$0.18
TAX	→	\$0.01
ROUNDING	→	\$0.00
TOTAL	→	\$0.19

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

Asia Truck M83  
 Zia Hills CR1



Customer Copy

## WEIGHT TICKET

Ticket # 196986

Start: 10/02/2023 01:18 PM

End: 10/02/2023 01:22 PM

By: DML Ivan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil

18 CO

18

\$0.01

\$0.18

Hauler: McNabb Partners

Driver: Jesse Moreno

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CuYd

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1 CO

01

\$0.00

\$0.00

Paint Filter - PASS

C1 CO

01

\$0.00

\$0.00

NORM - PASS

C1 CO

01

\$0.00

\$0.00

Additional Photos

C1 CO

01

\$0.00

\$0.00

22

\$0.01

\$0.18

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

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



Customer Copy

## WEIGHT TICKET

Ticket # 197001

Start: 10/02/2023 02:52 PM

End: 10/02/2023 03:03 PM

By: owl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

## Contaminated Soil

18	CO	18	10.01	\$0.18
----	----	----	-------	--------

Hauler: McNabb

Driver: Asia Mayberry

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 63

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CYD

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

01	CO	01	10.00	\$0.00
----	----	----	-------	--------

## Paint Filter - PASS

01	CO	01	10.00	\$0.00
----	----	----	-------	--------

## NORM - PASS

01	CO	01	10.00	\$0.00
----	----	----	-------	--------

## Additional Photos

01	CO	01	10.00	\$0.00
----	----	----	-------	--------

22			10.01	\$0.18
----	--	--	-------	--------

SUE TOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Libero:

Asia Truck MR3  
Zia Hills CR1





Customer Copy

## WEIGHT TICKET

Ticket # 197008

Start: 10/02/2023 03:14 PM

End: 10/02/2023 03:23 PM

By: skl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil				
18	CO	18	\$0.01	\$0.18

Hauler: McNabb

Driver: Jesse Moran

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 64

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: CYD

UOM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

22			\$0.01	\$0.18
----	--	--	--------	--------

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

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



Customer Copy

## WEIGHT TICKET

Ticket # 197168  
 Start: 10/03/2023 11:06 AM  
 End: 10/03/2023 11:23 AM  
 By: jwl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
Contaminant: 1 Soil				
18	CO	18	\$0.01	\$0.18

Hauler: McNabb Partners  
 Driver: Aida Mayberry  
 Lease: Zia Hills CR1 Transfer Line Release  
 Well: N/A  
 AFE #: N/A  
 County, State: Lea (NM)  
 API #: N/A  
 Manifest #: 55  
 Client Company Name: Sam Widmer  
 Rig Name & Number: N/A  
 Trucking Co Ticket #: N/A  
 Truck Type: Belly Dumps  
 UOM: CUYd  
 UOM Count: 18  
 PF Test Result: Pass  
 H2S Test: Pass

H2S Testing - PASS				
C1	CO	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

			\$0.01	\$0.18
22				

SUBTOTAL → \$0.18  
 TAX -

Rc

Custom

ZIA Hills CR1  
 AFE TRUCK M23



Customer Copy

## WEIGHT TICKET

Ticket # 197200

Start: 10/03/2023 12:35 PM

End: 10/03/2023 12:49 PM

By: owl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

## Contaminated Soil

16	CO	16	\$0.01	\$0.16
----	----	----	--------	--------

Hauler: McNabb Partners

Driver: Gummy Rodriguez

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 56

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: CuYd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

## H2S Testing - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## NORM - PASS

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional Photos

C1	CO	01	\$0.00	\$0.00
----	----	----	--------	--------

20

\$0.01 \$0.16

SUBTOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karan Work

ID/License:

LIMER ROZ



Customer Copy

## WEIGHT TICKET

Ticket # 197204

Start: 10/03/2023 12:46 PM

End: 10/03/2023 01:01 PM

By: owl.gina

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

Hauler: McNabb Partners

Driver: Victor Manzano

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Permit #: 1: 57

Company Man: Sam Widmer

Tag Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UDM: Cuyd

UDM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS				
C1	00	01	\$0.00	\$0.00

Paint Filter - PASS				
C1	00	01	\$0.00	\$0.00

NDRM - PASS				
C1	00	01	\$0.00	\$0.00

Additional Photos				
C	00	01	\$0.00	\$0.00

20			\$0.01	\$0.16
----	--	--	--------	--------

SUE TOTAL ----&gt; \$0.16

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/Licence:





## WEIGHT TICKET

Ticket # 197203

Start: 10/03/2023 12:41 PM

End: 10/03/2023 12:51 PM

By: DML Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	CO	18	\$0.01	\$0.18

Hauler: McNabb Partners

Driver: Arie Mayberry

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UDM: Durd

UDM Count: 18

PF Test Result: Pass

H2S Test: Pass

UDM Test: PASS

Paint Filter - PASS				
C1	CO	01	\$0.00	\$0.00

NORM - PASS				
C1	CO	01	\$0.00	\$0.00

Additional Photos				
C1	CO	01	\$0.00	\$0.00

			\$0.01	\$0.18
--	--	--	--------	--------

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

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Arie Truck M83

Zia Hills CR1



Customer Copy

## WEIGHT TICKET

Ticket # 197205

Start: 10/03/2023 12:47 PM

End: 10/03/2023 12:54 PM

By: owl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil				
C9	C0	09	\$0.01	\$0.09

Hauler: McNabb Partner

Driver: Victoria Hardy

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 59

Client Company Man: Sam Widner

Rig Name &amp; Number: N/A

Trucking Co. Ticket #: N/A

Truck Type: Belly Dumps

UOM: CYD

UOM Count: 9

PF Test Result: Pass

H2S Test: Pass

H2S Testing -- PASS				
C1	C0	01	\$0.00	\$0.00

Paint Filter -- PASS				
C1	C0	01	\$0.00	\$0.00

NORM -- PASS				
C1	C0	01	\$0.00	\$0.00

Additional Photos				
C1	C0	01	\$0.00	\$0.00

	\$0.01	\$0.09
SUBTOTAL ---->	\$0.09	
TAX ---->	\$0.00	
ROUNDING ---->	\$0.00	
TOTAL ---->	\$0.09	

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



Customer Copy

## WEIGHT TICKET

Ticket # 197234

Start: 10/03/2023 02:38 PM

End: 10/03/2023 02:43 PM

By: cwl.gina

GROSS	TARE	NET	PRICE	AMOUNT	
Contaminated Soil	18	CO	18	\$0.01	\$0.18

Hauler: McNabb Partners

Driver: Asia Mayberry

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: 60

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UDM: 24yd

UDM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS	C1	CO	01	\$0.00	\$0.00
--------------------	----	----	----	--------	--------

Paint Filter - PASS	C1	CO	01	\$0.00	\$0.00
---------------------	----	----	----	--------	--------

NORM - PASS	C1	CO	01	\$0.00	\$0.00
-------------	----	----	----	--------	--------

Additional Photos	C1	CO	01	\$0.00	\$0.00
-------------------	----	----	----	--------	--------

22

\$0.01 \$0.18

SUBTOTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

ACIE Truck M83

ZIA Hills CR1



Customer Copy

## WEIGHT TICKET

Ticket # 197235

Start: 10/03/2023 02:38 PM

End: 10/03/2023 02:51 PM

By: DWL Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
09	00	09	\$0.01	\$0.09

Hauler: McNabb Partners

Driver: Victoria Hardy

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Man: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Trucks

UOM: CuYd

UOM Count: 9

PE Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

13

\$0.01

\$0.09

SUBTOTAL ----&gt; \$0.09

TAX ----&gt; \$0.00

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.09

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Victoria Hardy





Customer Copy

## WEIGHT TICKET

Ticket # 197429

Start: 10/04/2023 10:13 AM

End: 10/04/2023 10:24 AM

By: DWL, Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
11	00	18	\$0.01	\$0.18
Mailer: McVabb Partners Driver: Asia Mayberry Lease: Zia Hills CR 1 Transfer Line Release Well: N/A AFE #: N/A County, State: LEA (NM) API #: N/A Client Company Man: Sam Widmer Rig Name & Number: N/A Trucking Co Ticket #: N/A Truck Type: Belly Dumps UOM: CYD UOM Count: 18 PF Test Result: Pass H2S Test: Pass				

## H2S Testing - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Paint Filter - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## NDRM - PASS

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

## Additional

01	00	01	\$0.00	\$0.00
----	----	----	--------	--------

22

\$0.01	\$0.18
--------	--------

SUECTAL ----&gt; \$0.18

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$0.00

TOTAL ----&gt; \$0.19

Client: ConocoPhillips Company

Driver: Karen Work

Licenses:

Asia Truck M83

Zia Hills CR1



Customer Copy

## WEIGHT TICKET

Ticket # 197499

Start: 10/04/2023 01:24 PM

End: 10/14/2023 01:31 PM

By: owl.judy

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

Hauler: McNabb Partners

Driver: Asia Mayberry

Lease: Zia Hills CR 1 Transfer Line Release

Well: N/A

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Client Company Name: Sam Widmer

Rig Name &amp; Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: Cuyd

UOM Count: 20

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Paint Filter - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

NORM - PASS

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

Additional Photos

C1	00	01	\$0.00	\$0.00
----	----	----	--------	--------

24			\$0.01	\$0.20
----	--	--	--------	--------

SUBTOTAL ----&gt; \$0.20

TAX ----&gt; \$0.01

ROUNDING ----&gt; \$-0.00

TOTAL ----&gt; \$0.21

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

ALIX TRUCK M23  
ZIA HILLS CR1

## **APPENDIX F**

### **Laboratory Analytical Data**



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

September 21, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ZIA HILLS CR-1 TRANSFER LINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 09/20/23 13:27.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 1 (H235097-01)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21	
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22	
Total BTX	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7600	16.0	09/21/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 2 (H235097-02)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21		
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22		
Total BTX	<0.300	0.300	09/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	09/21/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 50.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 50.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 3 (H235097-03)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21		
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22		
Total BTX	<0.300	0.300	09/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8660	16.0	09/21/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 63.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 4 (H235097-04)**

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	09/20/2023	ND	2.17	108	2.00	6.21	
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22	
Total BTEX	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	09/21/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 54.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 5 (H235097-05)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21	
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22	
Total BTX	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	09/21/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 57.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 6 (H235097-06)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21		
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22		
Total BTX	<0.300	0.300	09/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	09/21/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 50.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.0 % 49.1-148

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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 7 (H235097-07)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/20/2023	ND	2.17	108	2.00	6.21		
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22		
Total BTEX	<0.300	0.300	09/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	09/21/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	205	103	200	3.96	
DRO >C10-C28*	33.6	10.0	09/20/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	13.3	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 63.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 8 (H235097-08)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21		
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22		
Total BTX	<0.300	0.300	09/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	09/21/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 59.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.1 % 49.1-148

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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 9 (H235097-09)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21	
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22	
Total BTX	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	09/21/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2023	ND	205	103	200	3.96	
DRO >C10-C28*	273	10.0	09/20/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	71.1	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 60.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 10 (H235097-10)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21	
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22	
Total BTX	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1390	16.0	09/21/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	77.3	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	25.4	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 61.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.7 % 49.1-148

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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 11 (H235097-11)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21	
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22	
Total BTX	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	09/21/2023	ND	448	112	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	09/20/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 65.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: NSW - 1 (H235097-12)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21	
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22	
Total BTX	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: SSW - 1 (H235097-13)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21		
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22		
Total BTX	<0.300	0.300	09/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	156	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	63.4	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 1 (H235097-14)**

BTX 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	09/20/2023	ND	2.17	108	2.00	6.21		
Toluene*	<0.050	0.050	09/20/2023	ND	2.24	112	2.00	7.19		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.39	120	2.00	7.07		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.29	105	6.00	6.22		
Total BTX	<0.300	0.300	09/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 2 (H235097-15)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTEx	<0.300	0.300	09/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	34.5	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	11.6	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 3 (H235097-16)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTEx	<0.300	0.300	09/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 4 (H235097-17)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTEx	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	20.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 5 (H235097-18)**

BTX 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	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTX	<0.300	0.300	09/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	19.7	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	12.2	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 6 (H235097-19)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTEx	<0.300	0.300	09/20/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 7 (H235097-20)**

BTX 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	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTX	<0.300	0.300	09/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	205	103	200	3.96	
DRO >C10-C28*	261	10.0	09/21/2023	ND	197	98.6	200	0.176	
EXT DRO >C28-C36	110	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 8 (H235097-21)**

BTX 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	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTX	<0.300	0.300	09/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/21/2023	ND	448	112	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	09/20/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 9 (H235097-22)**

BTX 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	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTX	<0.300	0.300	09/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	09/21/2023	ND	448	112	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	09/20/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 10 (H235097-23)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/20/2023	ND	2.05	102	2.00	1.16		
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750		
Total BTEx	<0.300	0.300	09/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/21/2023	ND	448	112	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	09/20/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/20/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/20/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 11 (H235097-24)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTEx	<0.300	0.300	09/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 1 (H235097-25)**

BTX 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	09/20/2023	ND	2.05	102	2.00	1.16		
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750		
Total BTX	<0.300	0.300	09/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 2 (H235097-26)**

BTX 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	09/20/2023	ND	2.05	102	2.00	1.16		
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750		
Total BTX	<0.300	0.300	09/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 3 (H235097-27)**

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	09/20/2023	ND	2.05	102	2.00	1.16		
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750		
Total BTEX	<0.300	0.300	09/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 4 (H235097-28)**

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	09/20/2023	ND	2.05	102	2.00	1.16		
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750		
Total BTEX	<0.300	0.300	09/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 5 (H235097-29)**

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	09/20/2023	ND	2.05	102	2.00	1.16		
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750		
Total BTEX	<0.300	0.300	09/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 6 (H235097-30)**

BTX 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	09/20/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750	
Total BTX	<0.300	0.300	09/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/21/2023	ND	448	112	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	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	141	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	74.4	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 7 (H235097-31)**

BTX 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	09/20/2023	ND	2.05	102	2.00	1.16		
Toluene*	<0.050	0.050	09/20/2023	ND	2.09	105	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.05	103	2.00	0.710		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.21	104	6.00	0.0750		
Total BTX	<0.300	0.300	09/20/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/21/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 8 (H235097-32)**

BTX 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	09/21/2023	ND	2.05	102	2.00	1.16		
Toluene*	<0.050	0.050	09/21/2023	ND	2.09	105	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.05	103	2.00	0.710		
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.21	104	6.00	0.0750		
Total BTX	<0.300	0.300	09/21/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/21/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	95.5	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	38.9	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 9 (H235097-33)**

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	09/21/2023	ND	2.05	102	2.00	1.16	
Toluene*	<0.050	0.050	09/21/2023	ND	2.09	105	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.05	103	2.00	0.710	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.21	104	6.00	0.0750	
Total BTEX	<0.300	0.300	09/21/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/21/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 10 (H235097-34)**

BTX 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	09/21/2023	ND	2.05	102	2.00	1.16		
Toluene*	<0.050	0.050	09/21/2023	ND	2.09	105	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.05	103	2.00	0.710		
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.21	104	6.00	0.0750		
Total BTX	<0.300	0.300	09/21/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/21/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/20/2023	Sampling Date:	09/20/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Dionica Hinojos
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 11 (H235097-35)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/20/2023	ND	1.97	98.7	2.00	1.32		
Toluene*	<0.050	0.050	09/20/2023	ND	2.02	101	2.00	0.00859		
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	2.14	107	2.00	0.553		
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.43	107	6.00	0.377		
Total BTX	<0.300	0.300	09/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/21/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	221	111	200	4.15	
DRO >C10-C28*	54.1	10.0	09/21/2023	ND	226	113	200	0.870	
EXT DRO >C28-C36	15.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Ryan Dickerson		Company: Tetra Tech					
Address: 8911 Capital o Texas Hwy, Suite 2310		Attn: Ryan Dickerson					
City: Austin State: TX Zip:		Address: EMAIL					
Phone #: (512)565-0190 Fax #:		City:					
Project #: 212C-MD-02835 Project Owner: ConocoPhillips		State: Zip:					
Project Location: Lea County, New Mexico		Phone #:					
Sample Name: Colton Bickerstaff		Fax #:					
FROM LAB USE ONLY		PRESERV.		SAMPLING			
Lab I.D. H337097	Sample I.D.	MATRIX		DATE		TIME	
		(G)RAB OR (C)OMP.				TPH 8015M	
		# CONTAINERS				BTEX 8021B	
		GROUNDWATER				Chloride SM4500CI-B	
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER : ACID/BASE:					
		ICE / COOL					
		OTHER :					
FS-1	G 1	X		9/20/2023		X	
FS-2	G 1	X		9/20/2023		X	
FS-3	G 1	X		9/20/2023		X	
FS-4	G 1	X		9/20/2023		X	
FS-5	G 1	X		9/20/2023		X	
FS-6	G 1	X		9/20/2023		X	
FS-7	G 1	X		9/20/2023		X	
FS-8	G 1	X		9/20/2023		X	
FS-9	G 1	X		9/20/2023		X	
FS-10	G 1	X		9/20/2023		X	
Relinquished By: Colton Bickerstaff		Date: 9/20/23		Received By: <i>DA</i>		Time: 15:27	
Relinquished By:		Date:		Received By:		Time:	
Delivered By: (Circle One) Sample: JPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C		Sample Condition Cool: <input checked="" type="checkbox"/> Moist: <input checked="" type="checkbox"/> <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) <i>DA</i>	
FORM-006 R 3.2 10/07/21		Cardinal cannot accept verbal changes. Please email changes to cdeleykeen@cardinallabsnm.com		THERMISTOR TIME: Standard <input type="checkbox"/> Backup (only) Sample Condition Reck: <input checked="" type="checkbox"/> 250 <input checked="" type="checkbox"/> 150 <input checked="" type="checkbox"/> 100 Thermometer ID: <i>4445</i> Correction Factor: 0.5°C		Cool: <input checked="" type="checkbox"/> Moist: <input checked="" type="checkbox"/> Observed Temp. °C: <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com		REMARKS:	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
Project Manager: Ryan Dickerson		P.O. #:			
Address: 8911 Capital o Texas Hwy, Suite 2310		Company: Tetra Tech			
City: Austin		Attn: Ryan Dickerson			
Phone #: (512)565-0190		Address: EMAIL			
Fax #: 212C-MID-02935		City:			
Project Owner: ComocoPhillips		State:			
Project Name: Zia Hills CR-1 Transfer Line Release		Zip:			
Project Location: Lea County, New Mexico		Phone #:			
Sampler Name: Colton Bickerstaff		Fax #:			
Lab I.D. H235087		PRESERV.		SAMPLING	
Sample I.D.		(G)RAB OR (C)OMP.			
		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER : ACID/BASE			
		ICE / COOL			
		OTHER :			
		DATE		TIME	
PS-11	G 1	X	9/20/2023	X	X
NSW-1	G 1	X	9/20/2023	X	X
SSW-1	G 1	X	9/20/2023	X	X
ESW-1	G 1	X	9/20/2023	X	X
ESW-2	G 1	X	9/20/2023	X	X
ESW-3	G 1	X	9/20/2023	X	X
ESW-4	G 1	X	9/20/2023	X	X
ESW-5	G 1	X	9/20/2023	X	X
ESW-6	G 1	X	9/20/2023	X	X
ESW-7	G 1	X	9/20/2023	X	X

REMARKS: All results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com

Reinquinished By: Colton Bickerstaff

Date: 9/20/23

Received By: [Signature]

Date: 9/27/23

Time: 13:27

Observed Temp: 5.10C

Corrected Temp: 5.10C

Sample Condition: Cool Intact

Checked By: [Signature]

Remarks: Turnaround Time: Standard 48hr (a 10hr sample condition) Rush 10hr (a 10hr sample condition) Cool Heat: Corrected Temp: 5.10C Thermometer ID: 4510 Correction Factor: -0.57C

FORM-006 R 3.2 10/07/21

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





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Ryan Dickerson		Company: Tetra Tech					
Address: 8911 Capital o Texas Hwy, Suite 2310		Attn: Ryan Dickerson					
City: Austin		Address: EMAIL					
Phone #: (512)565-0190		City:					
Fax #: 212C-MD-02935		State:					
Project #: 212C-MD-02935		Zip:					
Project Name: Zia Hills CR-1 Transfer Line Release							
Project Location: Lea County, New Mexico							
Sampler Name: Colton Bickstaff		Fax #:					
FOR LAB USE ONLY		PRESERV.		SAMPLING			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	
				GROUNDWATER			
				WASTEWATER			
				SOIL			
				OIL			
				SLUDGE			
				OTHER :			
				ACID/BASE:			
				ICE / COOL			
				OTHER :			
21	ESW-8	G 1			9/20/2023		
22	ESW-9	G 1			9/20/2023		
23	ESW-10	G 1			9/20/2023		
24	ESW-11	G 1			9/20/2023		
25	WSW-1	G 1			9/20/2023		
26	WSW-2	G 1			9/20/2023		
27	WSW-3	G 1			9/20/2023		
28	WSW-4	G 1			9/20/2023		
29	WSW-5	G 1			9/20/2023		
30	WSW-6	G 1			9/20/2023		
Relinquished By: Colton Bickstaff		Date: 9/20/23		Received By: [Signature]		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Relinquished By:		Time: 13:37		Received By:		Add'l Phone #:	
Time:		Date:		Time:		REMARKS:	
F' Altered By: (Circle One)		Observed Temp. °C: 51.6		Sample Condition		Thermometer ID: #113	
Sample: 1795 - Bus - Other:		Corrected Temp. °C:		Cool / Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Cool / Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	
				<input type="checkbox"/> No <input type="checkbox"/> No		Thermometer Factor: 4.5°C	
				[Signature]		Corrected Temp. °C:	

FORM-006 R.3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to cdeley,keene@cardinalabsnm.com



2

FORM-006 R.3.2.10/07/2

† Cardinal cannot accept verbal changes. Please email changes to [celej.keene@cardinallabsnm.com](mailto:celej.keene@cardinallabsnm.com)





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

---

September 22, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ZIA HILLS CR-1 TRANSFER LINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 09/21/23 15:24.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/21/2023	Sampling Date:	09/21/2023
Reported:	09/22/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: SSW - 1 (4') (H235138-01)**

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2023	ND	1.91	95.6	2.00	2.25	
Toluene*	<0.050	0.050	09/22/2023	ND	2.02	101	2.00	1.84	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.16	108	2.00	2.35	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	5.84	97.3	6.00	0.387	
Total BTEX	<0.300	0.300	09/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/22/2023	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	187	93.5	200	10.2	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	208	104	200	18.3	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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



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

**Analytical Results For:**

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

Received:	09/21/2023	Sampling Date:	09/21/2023
Reported:	09/22/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 1 (2') (H235138-02)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/22/2023	ND	1.91	95.6	2.00	2.25		
Toluene*	<0.050	0.050	09/22/2023	ND	2.02	101	2.00	1.84		
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.16	108	2.00	2.35		
Total Xylenes*	<0.150	0.150	09/22/2023	ND	5.84	97.3	6.00	0.387		
Total BTEX	<0.300	0.300	09/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/22/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	187	93.5	200	10.2	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	208	104	200	18.3	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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



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

**Analytical Results For:**

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

Received:	09/21/2023	Sampling Date:	09/21/2023
Reported:	09/22/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: ESW - 7 (2') (H235138-03)**

BTX 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	09/22/2023	ND	1.91	95.6	2.00	2.25		
Toluene*	<0.050	0.050	09/22/2023	ND	2.02	101	2.00	1.84		
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.16	108	2.00	2.35		
Total Xylenes*	<0.150	0.150	09/22/2023	ND	5.84	97.3	6.00	0.387		
Total BTX	<0.300	0.300	09/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	187	93.5	200	10.2	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	208	104	200	18.3	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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





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

**Analytical Results For:**

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

Received:	09/21/2023	Sampling Date:	09/21/2023
Reported:	09/22/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 6 (2') (H235138-04)**

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	09/22/2023	ND	1.91	95.6	2.00	2.25		
Toluene*	<0.050	0.050	09/22/2023	ND	2.02	101	2.00	1.84		
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.16	108	2.00	2.35		
Total Xylenes*	<0.150	0.150	09/22/2023	ND	5.84	97.3	6.00	0.387		
Total BTEx	<0.300	0.300	09/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	187	93.5	200	10.2	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	208	104	200	18.3	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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



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

**Analytical Results For:**

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

Received:	09/21/2023	Sampling Date:	09/21/2023
Reported:	09/22/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 8 (2') (H235138-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/22/2023	ND	1.91	95.6	2.00	2.25		
Toluene*	<0.050	0.050	09/22/2023	ND	2.02	101	2.00	1.84		
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.16	108	2.00	2.35		
Total Xylenes*	<0.150	0.150	09/22/2023	ND	5.84	97.3	6.00	0.387		
Total BTEX	<0.300	0.300	09/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/22/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/21/2023	ND	187	93.5	200	10.2	
DRO >C10-C28*	90.6	10.0	09/21/2023	ND	208	104	200	18.3	
EXT DRO >C28-C36	25.4	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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



---

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

---

### Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder".

---

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]





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

---

September 25, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ZIA HILLS CR-1 TRANSFER LINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 09/22/23 12:44.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/22/2023	Sampling Date:	09/22/2023
Reported:	09/25/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 2 ( 2' ) (H235162-01)**

BTX 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	09/22/2023	ND	2.14	107	2.00	0.116	
Toluene*	<0.050	0.050	09/22/2023	ND	2.28	114	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.49	124	2.00	0.300	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.30	105	6.00	1.53	
Total BTX	<0.300	0.300	09/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9600	16.0	09/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2023	ND	189	94.5	200	0.470	
DRO >C10-C28*	<10.0	10.0	09/22/2023	ND	213	106	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	09/22/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



---

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

---

### Notes and Definitions

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

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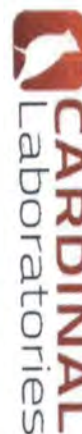
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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]





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

---

September 25, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ZIA HILLS CR-1 TRANSFER LINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 09/22/23 12:44.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/22/2023	Sampling Date:	09/22/2023
Reported:	09/25/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 2 ( 3' ) (H235163-01)**

BTX 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	09/22/2023	ND	2.14	107	2.00	0.116	
Toluene*	<0.050	0.050	09/22/2023	ND	2.28	114	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.49	124	2.00	0.300	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.30	105	6.00	1.53	
Total BTX	<0.300	0.300	09/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	09/25/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2023	ND	189	94.5	200	0.470	
DRO >C10-C28*	<10.0	10.0	09/22/2023	ND	213	106	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	09/22/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

---

**Notes and Definitions**

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RPD	Relative Percent Difference
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***	Insufficient time to reach temperature.
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager



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† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)





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

---

September 25, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ZIA HILLS CR-1 TRANSFER LINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 09/22/23 12:44.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/22/2023	Sampling Date:	09/22/2023
Reported:	09/25/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 2 ( 4' ) (H235164-01)**

BTX 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	09/22/2023	ND	2.14	107	2.00	0.116	
Toluene*	<0.050	0.050	09/22/2023	ND	2.28	114	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.49	124	2.00	0.300	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.30	105	6.00	1.53	
Total BTX	<0.300	0.300	09/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	09/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2023	ND	189	94.5	200	0.470	
DRO >C10-C28*	<10.0	10.0	09/22/2023	ND	213	106	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	09/22/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



---

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---

### Notes and Definitions

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RPD	Relative Percent Difference
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***	Insufficient time to reach temperature.
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---

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**Company Name:** Tetra Tech

**Project Manager:** Ryan Dickerson

**Address:** 8911 Capital o Texas Hwy, Suite 2310

**City:** Austin

**Phone #:** (512)565-0190 **Fax #:**

**Project #:** 212C-MD-02935 **Project Owner:** ConocoPhillips

**Project Name:** Zia Hills CR-1 Transfer Line Release

**Project Location:** Lea County, New Mexico

**Sampler Name:** Colton Bickert

**P.O. #:**

**Company:** Tetra Tech

**Attn:** Ryan Dickerson

**Address:** EMAIL

**City:**

**State:** **Zip:**

**Phone #:**

**Fax #:**

**BILL TO**

**Lab I.D.**

**Sample I.D.**

**PS-2 (4')**

**(G)RAB OR (C)OMP.**

**# CONTAINERS**

**GROUNDWATER**

**WASTEWATER**

**SOIL**

**OIL**

**SLUDGE**

**OTHER**

**ACID/BASE:**

**ICE / COOL**

**OTHER :**

**DATE**

**TIME**

**TPH 8015M**

**BTEX 8021B**

**Chloride SM4500Cl-B**

**TPH 8015M**

**BTEX 8021B**

**Chloride SM4500Cl-B**

**Remarks:**

**Relinquished By:** Colton Bickert

**Relinquished By:**

**Received By:**

**Checked By:**

**Delivered By:** (Circle One)

**Sampler - UPS - Bus - Other:**

**Observed Temp. °C**

**Corrected Temp. °C**

**Sample Container**

**Cooler**

**Checked By:**

**Thermometer ID #113**

**Correction Factor -0.5°C**

**Verbal Result:** ☐ Yes ☐ No

**Remarks:**

**Add'l Phone #:**

**Standard**

**Batch**

**Thermometer ID #113**

**Correction Factor -0.5°C**





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

September 25, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ZIA HILLS CR-1 TRANSFER LINE RELEASE

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Method EPA 524.4	Regulated VOCs (V1, V2, V3)

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Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/22/2023	Sampling Date:	09/22/2023
Reported:	09/25/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 2 ( 5' ) (H235165-01)**

BTX 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	09/22/2023	ND	2.14	107	2.00	0.116	
Toluene*	<0.050	0.050	09/22/2023	ND	2.28	114	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.49	124	2.00	0.300	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.30	105	6.00	1.53	
Total BTX	<0.300	0.300	09/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	09/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2023	ND	189	94.5	200	0.470	
DRO >C10-C28*	<10.0	10.0	09/22/2023	ND	213	106	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	09/22/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

<b>Project Manager:</b> Ryan Dickerson <b>Address:</b> 8911 Capital o Texas Hwy, Suite 2310 <b>City:</b> Austin <b>State:</b> TX <b>Zip:</b> _____ <b>Phone #:</b> (512)565-0190 <b>Fax #:</b> _____ <b>Project #:</b> 212C-MD-02935 <b>Project Owner:</b> ConocoPhillips <b>Project Name:</b> Zia Hills CR-1 Transfer Line Release <b>Project Location:</b> Lea County, New Mexico <b>Sampler Name:</b> Colton Bickstaff				<b>BILL TO</b> <b>P.O. #:</b> _____ <b>Company:</b> Tetra Tech <b>Attn:</b> Ryan Dickerson <b>Address: EMAIL</b> <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____			
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b>				<b>ANALYSIS REQUEST</b>			
<b>Sample I.D.</b> (G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER : _____ ACID/BASE: _____ ICE / COOL _____ OTHER : _____				MATRIX _____ PRESERV. _____ SAMPLING _____			
Date: 9/22/23 Time: 12:44 Date: _____ Time: _____ Received By: <i>[Signature]</i> Received By: _____				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com			
REMARKS:				Remarks (only) Sample Condition: <input type="checkbox"/> Standard <input type="checkbox"/> Reacting (only) Sample Condition: _____ Thermometer ID #113 Correction Factor -0.5°C Observed Temp. °C _____ Corrected Temp. °C _____			





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September 27, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ZIA HILLS CR-1 TRANSFER LINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 09/26/23 14:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 1 (4') (H235247-01)**

BTX 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	09/27/2023	ND	1.89	94.5	2.00	0.473	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170	
Total BTX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12800	16.0	09/27/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	<10.0	10.0	09/26/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 3 (4') (H235247-02)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTEx	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	09/27/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	<10.0	10.0	09/26/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 4 (4') (H235247-03)**

BTX 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	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	09/27/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	<10.0	10.0	09/26/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 5 (4') (H235247-04)**

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	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTEX	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1450	16.0	09/27/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	23.3	10.0	09/26/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 6 (4') (H235247-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTEx	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1710	16.0	09/27/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	<10.0	10.0	09/26/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 7 (4') (H235247-06)**

BTX 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	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTX	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	09/27/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	<10.0	10.0	09/26/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 8 (4') (H235247-07)**

BTX 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	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTX	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6260	16.0	09/27/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	<10.0	10.0	09/26/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 9 (4') (H235247-08)**

BTEx 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTEX	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	09/27/2023	ND	448	112	400	0.00	QM-07	

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/26/2023	ND	181	90.7	200	0.565		
DRO >C10-C28*	<10.0	10.0	09/26/2023	ND	204	102	200	0.457		
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND						

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 10 (4') (H235247-09)**

BTX 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	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	09/27/2023	ND	448	112	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	09/26/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	<10.0	10.0	09/26/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: FS - 11 (4') (H235247-10)**

BTX 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	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTX	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2880	16.0	09/27/2023	ND	448	112	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	09/27/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/26/2023
Reported:	09/27/2023	Sampling Type:	Soil
Project Name:	ZIA HILLS CR-1 TRANSFER LINE RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02935	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA COUNTY, NM		

**Sample ID: WSW - 8 (4') (H235247-11)**

BTX 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	09/27/2023	ND	1.89	94.5	2.00	0.473		
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.7	2.00	0.850		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.97	98.3	2.00	0.206		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.99	99.9	6.00	0.170		
Total BTX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/27/2023	ND	448	112	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	09/27/2023	ND	181	90.7	200	0.565	
DRO >C10-C28*	13.3	10.0	09/27/2023	ND	204	102	200	0.457	
EXT DRO >C28-C36	29.7	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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### Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager





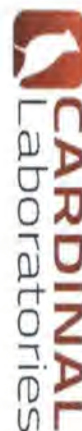
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech		P.O. #:		ANALYSIS REQUEST	
Project Manager: Ryan Dickerson		Company: Tetra Tech			
Address: 8911 Capital o Texas Hwy, Suite 2310		Attn: Ryan Dickerson			
City: Austin		State: TX Zip:			
Phone #: (512)565-0190		Fax #: Address: EMAIL			
Project #: 212C-MD-02935		Project Owner: ConocoPhillips			
Project Name: Zia Hills CR-1 Transfer Line Release		City: State: Zip:			
Project Location: Lea County, New Mexico		Phone #: Fax #:			
Sampler Name: Colton Bickerstaff		PRESERV. SAMPLING			
Lab I.D.		DATE			
Sample I.D.		TIME			
H235347		TPH 8015M			
1 FS-1 (4)		BTEX 8021B			
2 FS-3 (4)		Chloride SM4500CI-B			
3 FS-4 (4)					
4 FS-5 (4)					
5 FS-6 (4)					
6 FS-7 (4)					
7 FS-8 (4)					
8 FS-9 (4)					
9 FS-10 (4)					
10 FS-11 (4)					
Relinquished By: Colton Bickerstaff		Date: 9/26/23		Received By: [Signature]	
Relinquished By:		Time: 1455		Date: [Signature]	
Delivered By: (Circle One)		Observed Temp. °C		Corrected Temp. °C	
Sampler - UPS - Bus - Other:		5.3		5.3	
Sample Condition		Cool Impact		Checked By: [Signature]	
<input type="checkbox"/> No <input type="checkbox"/> Yes		<input type="checkbox"/> No <input type="checkbox"/> Yes		Thermometer ID #113	
Correction Factor 4.5°C		Correction Factor 4.5°C		Correction Factor 4.5°C	

FORM-005 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to caley.keeve@cardinallabsnm.com



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

<b>Company Name:</b> Tetra Tech <b>Project Manager:</b> Ryan Dickerson <b>Address:</b> 8911 Capital o Texas Hwy, Suite 2310 <b>City:</b> Austin <b>State:</b> TX <b>Zip:</b> _____ <b>Phone #:</b> (512)665-0190 <b>Fax #:</b> _____ <b>Project #:</b> 212C-MD-02935 <b>Project Owner:</b> ConocoPhillips <b>Project Name:</b> Zia Hills CR-1 Transfer Line Release <b>Project Location:</b> Lea County, New Mexico <b>Sampler Name:</b> Colton Bickertoff				<b>P.O. #:</b> _____ <b>Company:</b> Tetra Tech <b>Attn:</b> Ryan Dickerson <b>Address:</b> EMAIL <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____		<b>BILL TO</b> <b>ANALYSIS REQUEST</b>			
<b>Lab I.D.</b> <div style="float: right; text-align: right;"> <b>Sample I.D.</b>  <div style="border: 1px solid black; padding: 5px; width: 100%;">           (GRAB OR (C)OMP. # CONTAINERS            GROUNDWATER            WASTEWATER            SOIL            OIL            SLUDGE            OTHER :            ACID/BASE :            ICE / COOL            OTHER :            DATE            TIME         </div> </div>				<b>TPH 8015M</b>		<b>BTEX 8021B</b>		<b>Chloride SM4500CI-B</b>	
<b>Relinquished By:</b> Colton Bickertoff <b>Date:</b> 9/28/23 <b>Time:</b> 1455 <b>Received By:</b> <i>[Signature]</i> <b>Date:</b> _____ <b>Time:</b> _____				<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Adm'l Phone #:</b> _____		<b>REMARKS:</b>		<b>Thermometer ID #113</b> <b>Correction Factor -0.5°C</b> <b>Thermometer ID #113</b> <b>Correction Factor -0.5°C</b>	
<b>Relinquished By:</b> _____ <b>Date:</b> _____ <b>Time:</b> _____				<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Adm'l Phone #:</b> _____		<b>REMARKS:</b>		<b>Thermometer ID #113</b> <b>Correction Factor -0.5°C</b> <b>Thermometer ID #113</b> <b>Correction Factor -0.5°C</b>	

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

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

CONDITIONS  
  
Action 286572

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 286572
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	2/21/2024