



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 "3rd 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.”*

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 SM4500CI-B. The analytical results were directly compared to the established Site RRALs and reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The results of the 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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November 16, 2023

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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

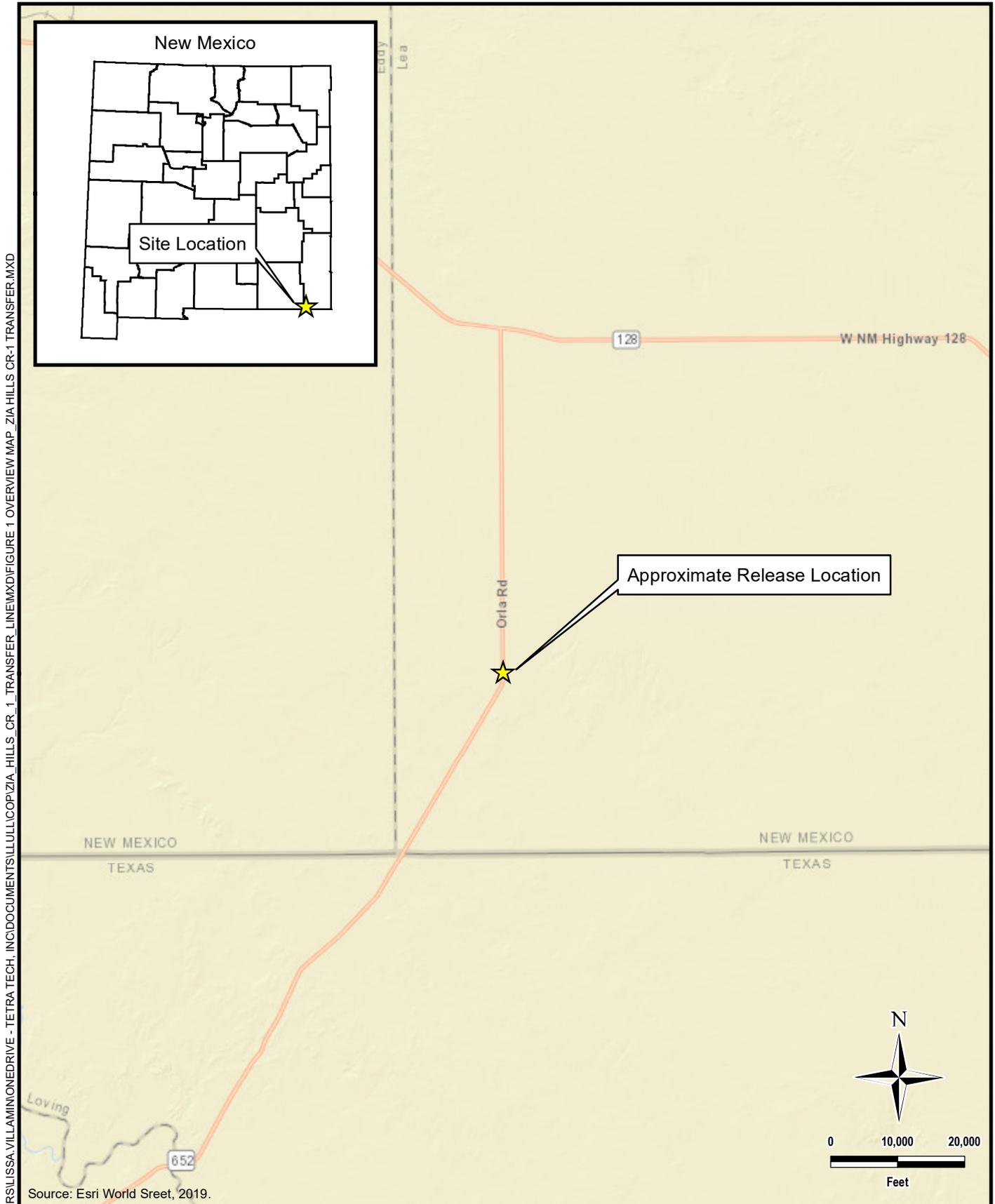
Tables:

- 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

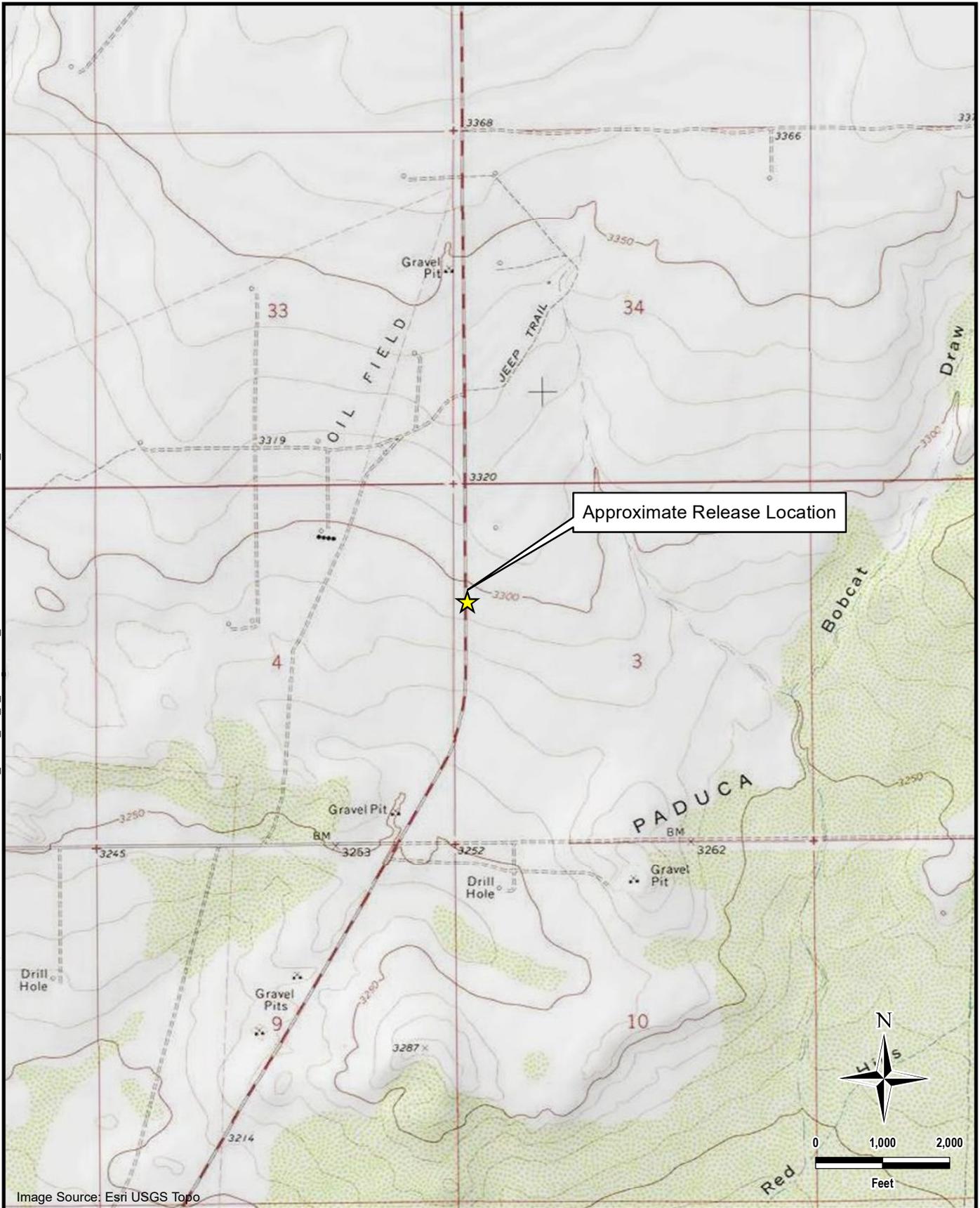
FIGURES



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 TETRA TECH www.tetratech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	CONOCOPHILLIPS (32.074950°, -103.670752°) LEA COUNTY, NEW MEXICO		PROJECT NO.: 212C-MD-02935
	ZIA HILLS CR-1 TRANSFER LINE RELEASE OVERVIEW MAP		DATE: JANUARY 11, 2023
			DESIGNED BY: LMV
			Figure No. 1

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 LEA COUNTY, NEW MEXICO

**ZIA HILLS CR-1 TRANSFER LINE RELEASE
 TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-02935

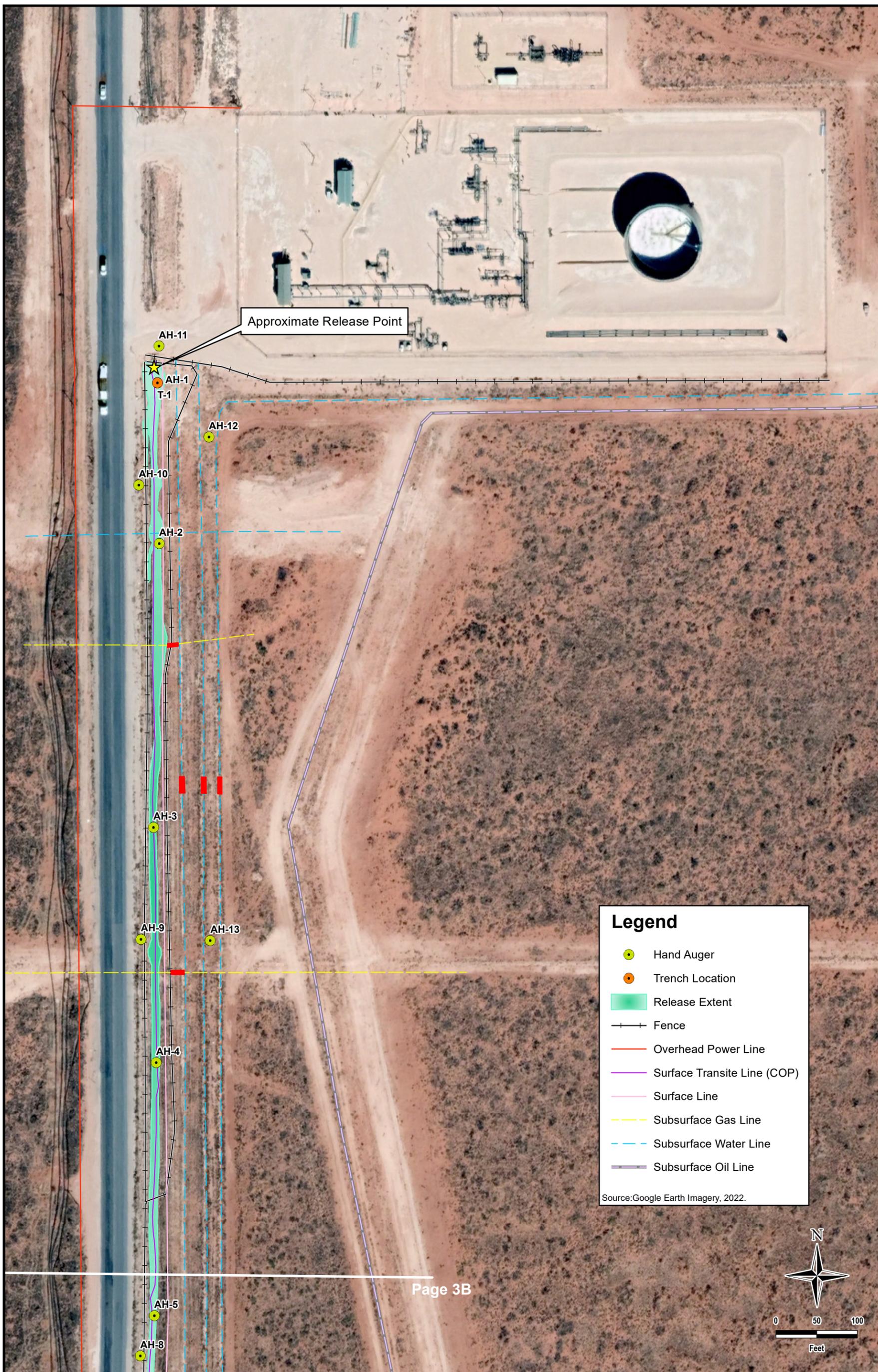
DATE: JANUARY 11, 2023

DESIGNED BY: LMV

Figure No.

2

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Legend

- Hand Auger
- Trench Location
- Release Extent
- Fence
- Overhead Power Line
- Surface Transite Line (COP)
- Surface Line
- Subsurface Gas Line
- Subsurface Water Line
- Subsurface Oil Line

Source: Google Earth Imagery, 2022.



Page 3B

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

**ZIA HILLS CR-1 TRANSFER LINE RELEASE
 APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT**

PROJECT NO.: 212C-MD-02935
 DATE: MARCH 30, 2023
 DESIGNED BY: LMV

Figure No.
3A

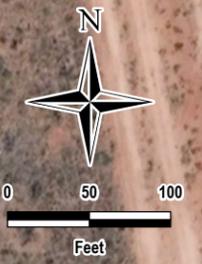
DOCUMENT PATH: C:\USERS\ISSA.VILLAMONEDRIVE - TETRA TECH\INC\DOCUMENTS\LULLUCOPIZIA_HILLS_CR_1_TRANSFER_LINE\MXD\FIGURE 3B APPROX RELEASE & ASSESS_ZIA_HILLS_CR-1_TRANSFER.MXD



Legend

- Hand Auger
- Trench Location
- Release Extent
- Fence
- Overhead Power Line
- Surface Transite Line
- Surface Line
- Subsurface Water Line
- Subsurface Oil Line

Source: Google Earth Imagery, 2022.



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**ZIA HILLS CR-1 TRANSFER LINE RELEASE
 APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT**

PROJECT NO.: 212C-MD-02935
 DATE: MARCH 30, 2023
 DESIGNED BY: LMV

Figure No.
3B

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

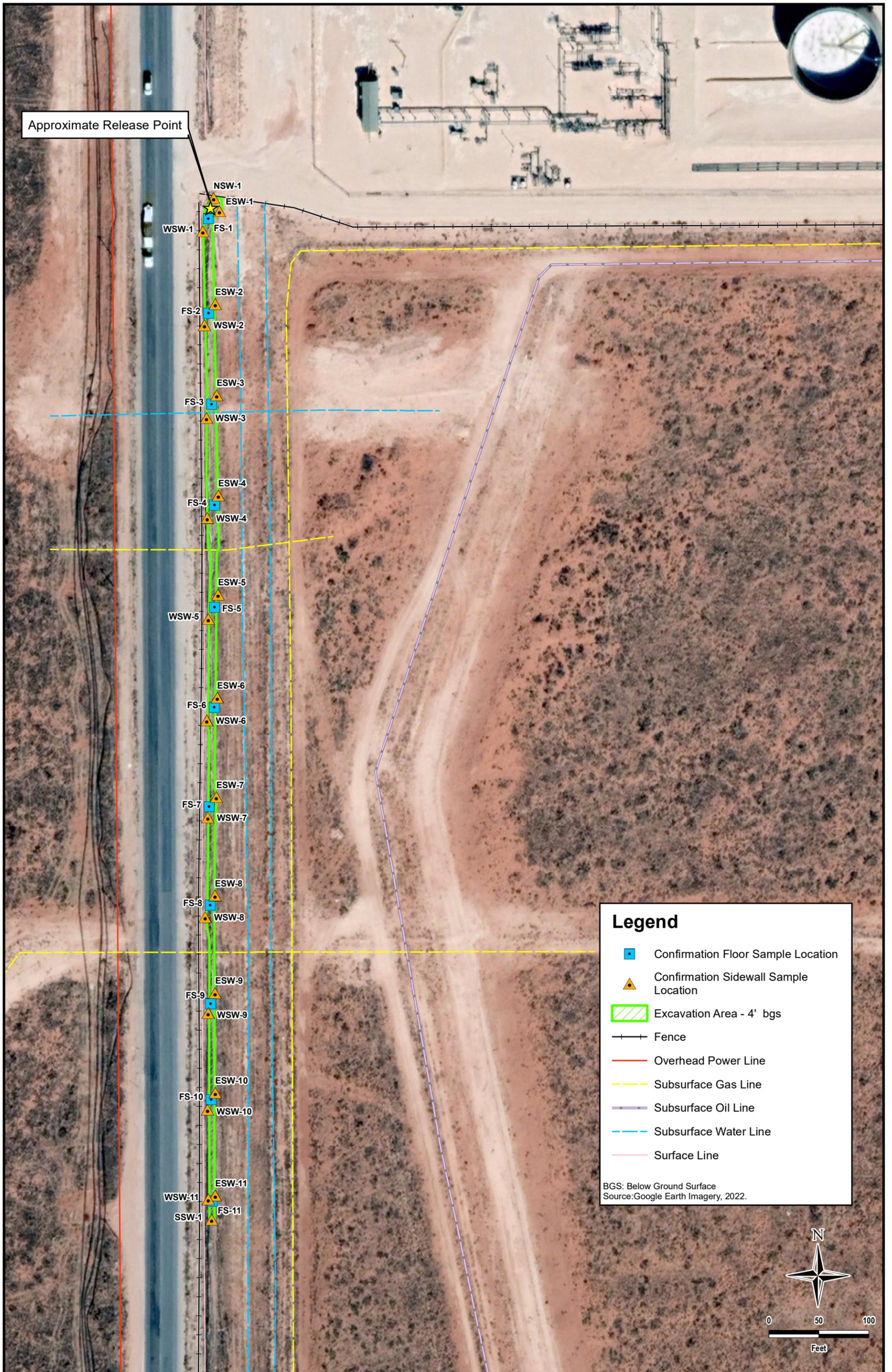
PROJECT NO.: 212C-MD-02935

DATE: NOVEMBER 14, 2023

DESIGNED BY: LMV

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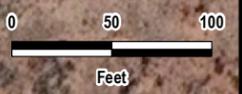
4



Legend

- Confirmation Floor Sample Location
- ▲ Confirmation Sidewall Sample Location
- Excavation Area - 4' bgs
- +—+— Fence
- Overhead Power Line
- - - Subsurface Gas Line
- - - Subsurface Oil Line
- - - Subsurface Water Line
- Surface Line

BGS: Below Ground Surface
Source: Google Earth Imagery, 2022.



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EDDY COUNTY, NEW MEXICO

**ZIA HILLS CR-1 TRANSFER LINE RELEASE
REMEDATION EXTENT AND CONFIRMATION SAMPLE LOCATIONS**

PROJECT NO.: 212C-MD-02935
DATE: NOVEMBER 14, 2023
DESIGNED BY: LMV
Figure No.
5

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 ¹		BTEX ²										TPH ¹								
				Chloride		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			
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 ft. bgs	Chloride ¹ mg/kg Q		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C ₆ - C ₁₀		DRO > C ₁₀ - C ₂₈		EXT DRO > C ₂₈ - C ₃₆		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	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		<10.0		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 ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH	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
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 SM4500C1-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

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

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

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? Release exceeded 25 bbls of Produced Water
--	---

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

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

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

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

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

Printed Name: Brittany N. Esparza Title: Environmental Technician
 Signature:  Date: 11/11/2022
 email: Brittany.Esparza@ConocoPhillips.com Telephone: (432) 221-0398

OCD Only
 Received by: Jocelyn Harimon Date: 11/14/2022

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
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	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 not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-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

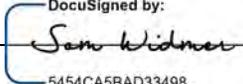
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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

Page 4

Incident ID	NAPP2231554934
District RP	
Facility ID	
Application ID	

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

Printed Name: Sam Widmer Title: Principal Program Manager
 Signature:  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
District RP	
Facility ID	
Application ID	

Remediation Plan

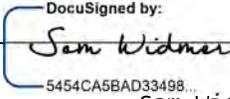
Remediation Plan Checklist: Each of the following items must be included in the plan.

- 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

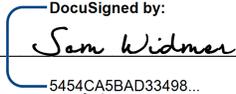
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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: [Lull, 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. [Learn why this is important](#)

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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: Lull, 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 3rd 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

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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

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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
<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

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Dickerson, Ryan

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

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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



Spill/Release email: 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

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From: Dickerson, Ryan
Sent: Wednesday, September 13, 2023 1:24 PM
To: Taylor, Shelly J <staylor@blm.gov>
Cc: Llull, Christian <Christian.Llull@tetrattech.com>; Poole, Nicholas <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

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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

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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

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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
<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

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Dickerson, Ryan

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

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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
<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

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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
C 04549 POD1	CUB	LE	1	1	1	11	26S	32E	627111	3548316	2043	0	0	0	
C 04485 POD1	CUB	LE	4	1	1	12	26S	32E	629039	3548125	3842	55			
C 04209 POD1	CUB	LE	2	3	3	06	26S	32E	620903	3548619	4641	360	155	205	
C 04209 POD2	C	LE	2	3	3	06	26S	32E	620818	3548657	4718	340	155	185	
C 03829 POD1	CUB	LE	3	3	1	06	26S	32E	620628	3549186	4840	646	350	296	
C 03554 POD1	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.

212C-MD-02935	TETRA TECH	LOG OF BORING DTW	Page 1 of 3
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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	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		DEPTH (ft)	WELL DIAGRAM
												While Drilling	24 Hours After Completion of Drilling		
												While Drilling <input checked="" type="checkbox"/> <u>DRY</u> 24 Hours After Completion of Drilling <input checked="" type="checkbox"/> <u>DRY</u>			
												Remarks:			
												MATERIAL DESCRIPTION			
5												<p>-SM- CALICHE: Tan, moderately cemented, poorly sorted, dry.</p>	4		
												<p>-SM- SILTY SAND: Reddish brown, weakly cemented, well sorted, dry.</p>	8		
10												<p>-SM- CALICHE: Tan, moderately cemented, poorly sorted, dry.</p>	10		
												<p>-SM- CALICHE: White, moderately cemented, poorly sorted, dry.</p>	11.5		
15												<p>-SM- CALICHE: Light reddish tan, poorly sorted, with gypsum nodules, dry.</p>	15		
20												<p>-SW- SAND: Tan, moderately sorted, dry.</p>	25		
25												<p>-SP- SAND: Reddish tan: well sorted, dry.</p>	29		
30												<p>-SP- SAND: Reddish tan: well sorted, dry.</p>	30		
35												<p>-SP- SAND: Reddish tan: well sorted, dry.</p>	35		

Sampler Types: <input checked="" type="checkbox"/> Split Spoon <input type="checkbox"/> Shelby <input type="checkbox"/> Bulk Sample <input type="checkbox"/> Grab Sample	<input type="checkbox"/> Acetate Liner <input type="checkbox"/> Vane Shear <input type="checkbox"/> California <input type="checkbox"/> Test Pit	Operation Types: <input type="checkbox"/> Hollow Stem Auger <input type="checkbox"/> Continuous Flight Auger <input type="checkbox"/> Mud Rotary	<input checked="" type="checkbox"/> Auger <input type="checkbox"/> Air Rotary <input type="checkbox"/> Direct Push <input type="checkbox"/> Drive Casing	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	 TETRA TECH	LOG OF BORING DTW	Page 2 of 3
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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	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		
												While Drilling	24 Hours After Completion of Drilling	
												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
40														
45														
50														
55														
60														
65														
70														

Sampler Types: <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	Operation Types: <input checked="" type="checkbox"/> Hollow Stem Auger <input checked="" type="checkbox"/> Continuous Flight Auger <input checked="" type="checkbox"/> Mud Rotary	<input checked="" type="checkbox"/> Auger <input checked="" type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Direct Push <input checked="" type="checkbox"/> Drive Casing	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	 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'

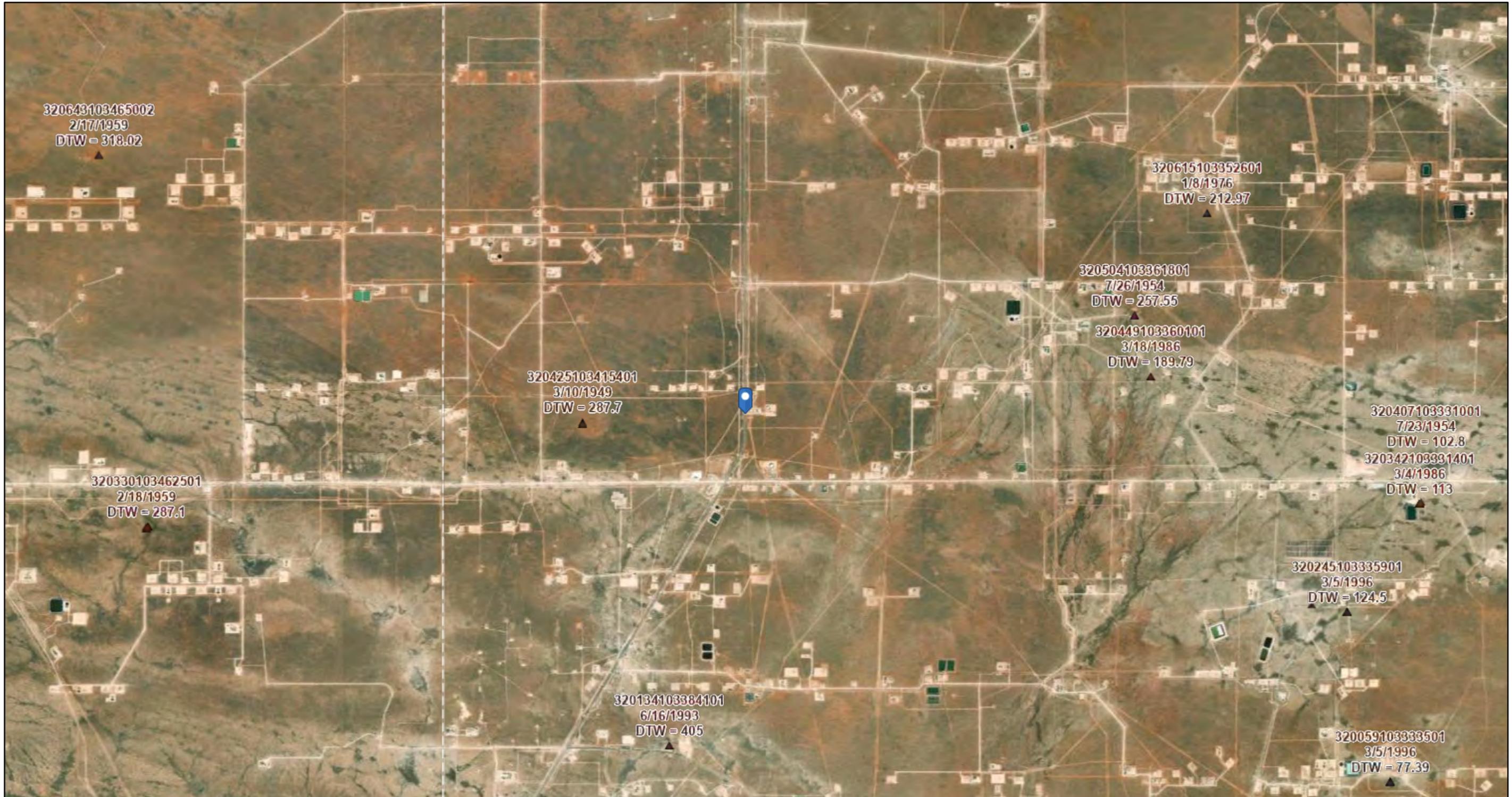
Borehole Number: **DTW** Borehole Diameter (in.): 8" Date Started: 10/3/2023 Date Finished: 10/3/2023

DEPTH (ft)	OPERATION TYPES	SAMPLE	CHLORIDE CONCENTRATION (ppm)	VOC CONCENTRATION (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		
												While Drilling	24 Hours After Completion of Drilling	
												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"/> Shelby <input type="checkbox"/> Bulk Sample <input type="checkbox"/> Grab Sample	<input type="checkbox"/> Acetate Liner <input type="checkbox"/> Vane Shear <input type="checkbox"/> California <input type="checkbox"/> Test Pit	Operation Types: <input type="checkbox"/> Hollow Stem Auger <input type="checkbox"/> Continuous Flight Auger <input type="checkbox"/> Mud Rotary	<input checked="" type="checkbox"/> Auger <input type="checkbox"/> Air Rotary <input type="checkbox"/> Direct Push <input type="checkbox"/> Drive Casing	Bottom of borehole at 105.0 feet. Notes: Surface elevation is an approximate value collected from Google Earth data.
---	---	--	---	--

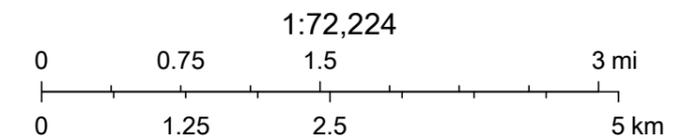
Logger: Ivan Ramos Drilling Equipment: Air Rotary Driller: Scarborough Drilling

USGS Groundwater Wells



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

▲ USGS Historical GW Wells



Esri, HERE, Garmin, Earthstar Geographics, USGS

OCD Karst Potential Map

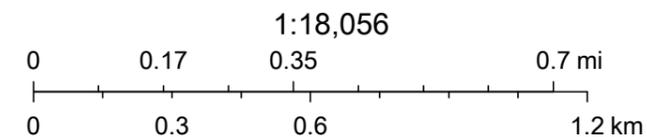


1/19/2023, 8:17:00 AM

Karst Occurrence Potential

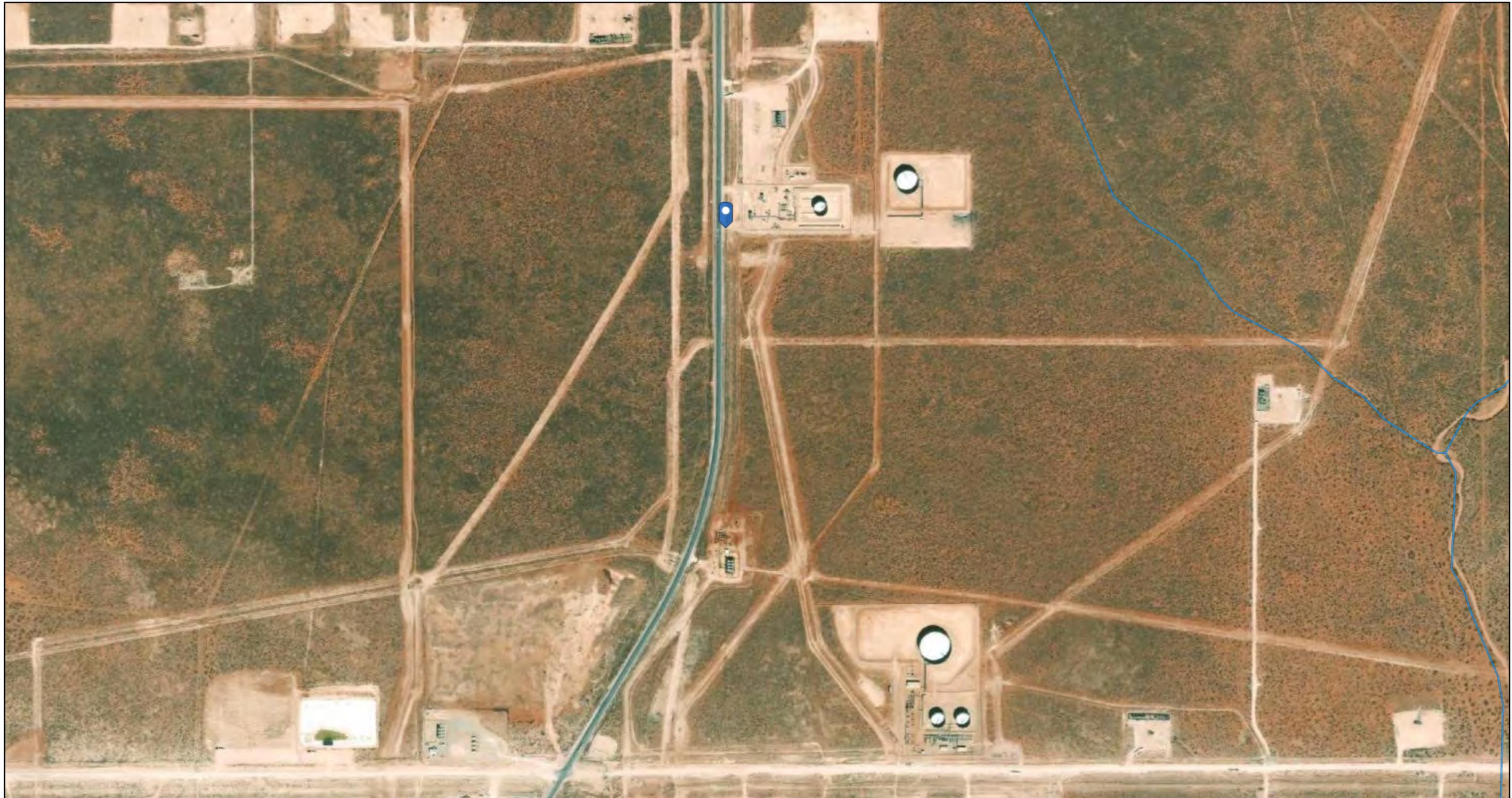
Medium

Low



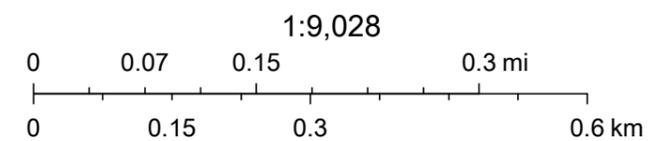
BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, iPC, Maxar

OCD Waterbodies Map



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

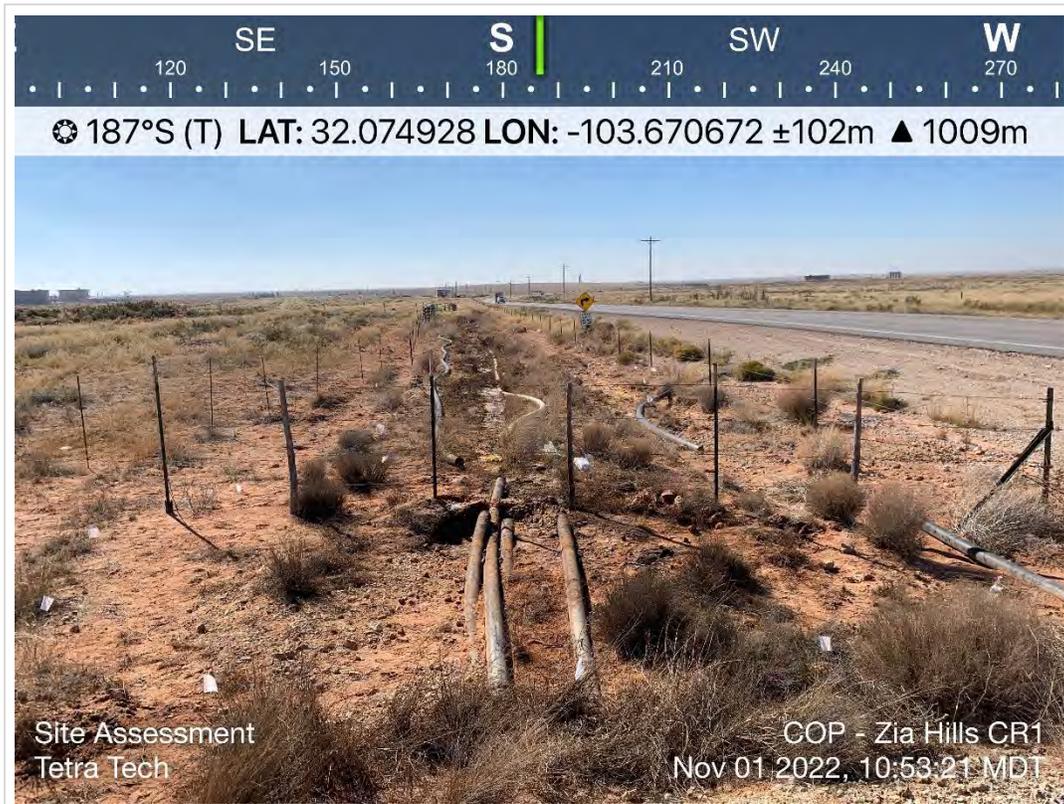
— OSE Streams



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



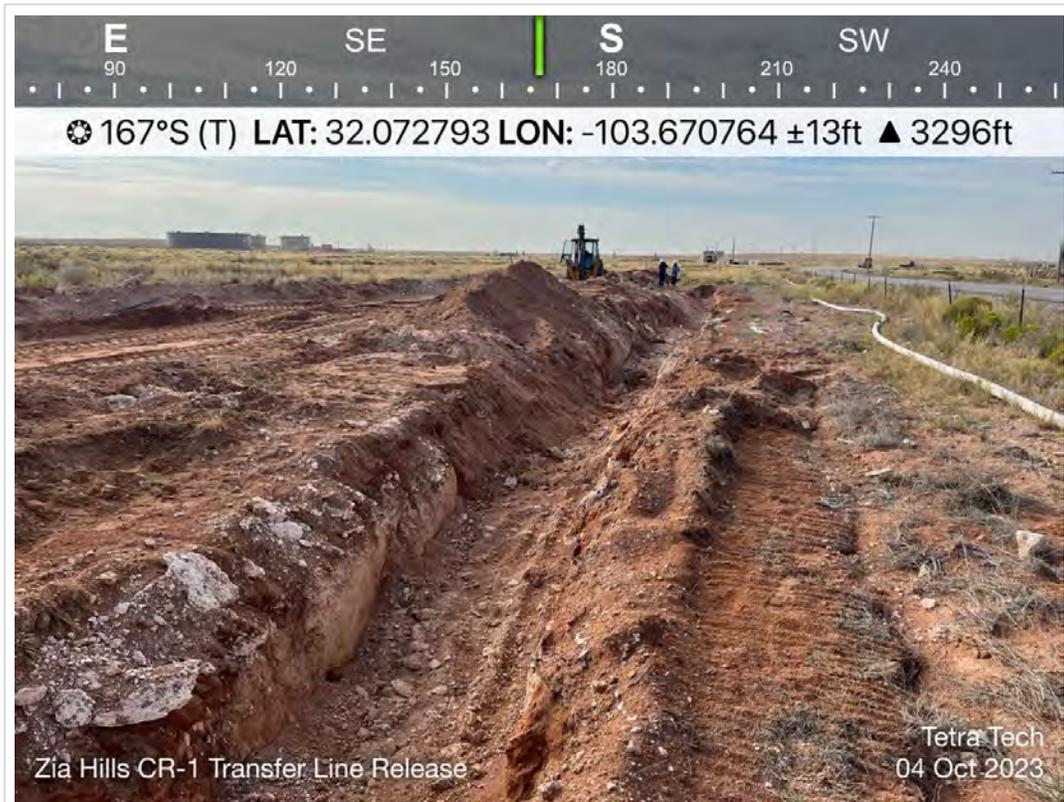
TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View south-southeast moving south of release. Surface lines visibly damaged with staining and pooling.	2
	SITE NAME	Zia Hills CR-1 Transfer Line Release	11/1/2022



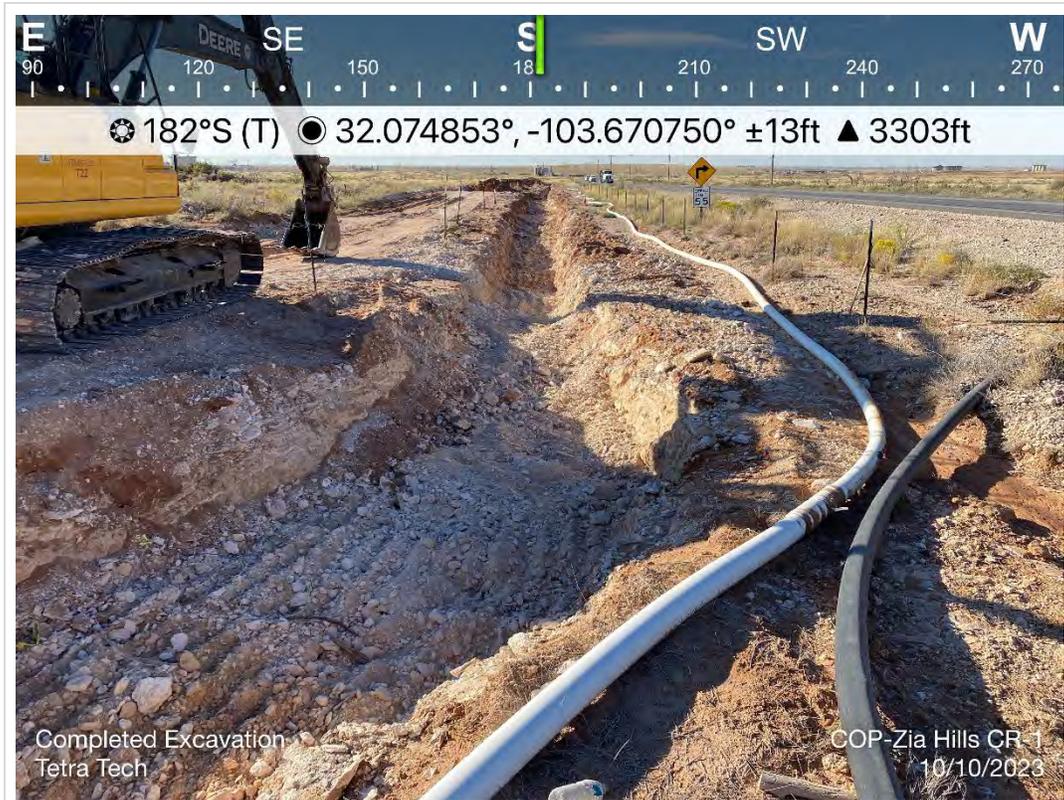
TETRA TECH, INC. PROJECT NO. 212C-MD-02935	DESCRIPTION	View south-southeast moving south of release. Surface lines visibly damaged with staining and pooling.	3
	SITE NAME	Zia Hills CR-1 Transfer Line Release	3/23/2023



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 Gunnels 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 & 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	
			C3	\$0.01	\$0.04
				SUBTOTAL --->	\$0.04
				TAX --->	\$0.00
				ROUNDING --->	\$0.00
				TOTAL --->	\$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 Man: Sam Widmer Rig Name & 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
Faint 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
			\$0.01	\$0.16
SUBTOTAL ---->				\$0.16
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.17
Customer: C. WoodPhillips 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 & 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
NORM - PASS				
01	CO	01	\$0.00	\$0.00
Additional Photos				
01	CO	01	\$0.00	\$0.00
<hr/>			13	\$0.01
<hr/>				\$0.14

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

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



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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Belly Dumps
 UOM: Yrd
 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
----	--	--	--------	--------

SUB-TOTAL ----> \$0.16
 TAX ----> \$0.01
 ROUNDING ----> \$0.00
 TOTAL ----> \$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 Man: Sam Widmer				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump truck				
UOM: Cuid				
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 ---->				\$0.16
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.17

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



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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Belly Dumps
 UCM: Durd
 UCM 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

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

Additional Photos				
01	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: *Victoria Hedy*



Customer Copy

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

Ticket # 194341

Start:09/19/2023 10:35 AM

End:09/19/2023 10:48 AM

By:pwl.geraldine

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

Hauler: MCNabb
 Driver: Gurner Rcz
 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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump Truck
 UDM: DuYd
 UDM Court: 10
 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

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

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

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



Customer Copy

WEIGHT TICKET

Ticket # 194397
Start: 09/19/2023 03:31 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

Hauler: M. Kabb
Dr: Victoria H
Hills CRI Transfer Line Release

County, State: LEA (NM)
API #: N/A
Manifest #: N/A
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
DM: QYd
COM 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

13 \$0.01 \$0.14

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

Customer: ConocoPhillips Company
Driver: Karen Mark
ID/License: Victoria H



Customer Copy

WEIGHT TICKET

Ticket # 194517

Start: 09/20/2023 10:19 AM

End: 09/20/2023 10:28 AM

By: owl.gira

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

Contaminated Soil

14	00	14	\$0.01	\$0.14
----	----	----	--------	--------

Hauler: McNabb

Driver: Josh Busby

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 & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Top Truck

H2S Test: Pass

H2S Test: Pass

H2S Testing	PASS			
01		01	\$0.00	\$0.00

Paint	PASS			
01		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 ---> \$0.14
TAX ---> \$0.01
ROUNDING ---> \$-0.00
TOTAL ---> \$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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dum Truck
 UOM: Cuyd
 UOM Count: 16
 PF Test Result: Pass
 V2S 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
----	--	--	--------	--------

SUBTOTAL ----> \$0.16
 TAX ----> \$0.01
 ROUNDING ----> \$0.00
 TOTAL ----> \$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: Merit Sam Widmer

Rig Line: N/A

Well Ticket #: N/A

Well Release Ticket #: N/A

UOM: Yard

UOM Count: 16

PP 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
----	--	--	--------	--------

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

Customer: ConocoPhillips Company

Project: Gen Work

ID/Location:

Alvaro Tercero



Customer Copy

WEIGHT TICKET

Ticket # 194532
Start: 09/20/2023 11:42 AM
End: 09/20/2023 11:44 AM
By: cwl.gina

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

Hauler: McNabb Partners
 Driver: Alvaro Terceo
 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 & 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	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
----	--	--	--------	--------

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

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

Alvaro Terceo



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
18	00	18	\$0.01	\$0.18

Contaminated Soil
 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	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
-------------------	----	----	----	--------	--------

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 # 194518
Start: 09/20/2023 10:20 AM
End: 09/20/2023 10:23 AM
By: K. Geraldine

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

Contaminated Soil

Hauler: McNabb
 Driver: Victor Menzies
 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 & 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
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Paint Filter - PASS	01	\$0.00	\$0.00
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NORM - PASS	01	\$0.00	\$0.00
-------------	----	--------	--------

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

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

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

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



Customer Copy

WEIGHT TICKET

Ticket # 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 Men: Sam Widner
 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				
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 Photos				
01	00	01	\$0.00	\$0.00

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

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

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



Customer Copy

WEIGHT TICKET

Ticket # 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 & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
UCM: Judy				
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
SUBTOTAL ---->				\$0.18
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.19

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

Alvin Teran



Customer Copy

WEIGHT TICKET
Ticket # 194577
Start: 09/20/2023 03:19 PM
End: 09/20/2023 03:34 PM
By: [unclear] Judy

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 & 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				
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
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 # 194562

Start: 09/20/2023 02:20 PM

End: 09/20/2023 02:28 PM

By: owl.geraldine

GRUSS	TARE	NET	PRICE	AMOUNT
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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

AFE #: N/A

County, State: LEA (NM)

API #: N/A

Manifest #: N/A

Client Company Man: Sam Widner

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump TRUCK

UQM: Durd

UQM 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

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

Additional Photos				
01	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: Karen Work

ID/Licence:



WEIGHT TICKET

Ticket # 194748
Start: 09/21/2023 10:42 AM
End: 09/21/2023 10:52 AM
By: OWL, Ivan

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

Hauler: McNabb Partners
 Driver: Victor Menzano
 Site: Zia Hills CR 1 Transfer Line Release
 Weir: N/A
 AFE #: N/A
 County, State: LEA (NM)
 APT #: N/A
 Client Company Name: Sam Widner
 Rig Name & 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	CS	01	\$0.00	\$0.00

NORM - PASS				
C1	CS	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

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



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


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



Customer Copy

WEIGHT TICKET

Ticket # 194753

Start: 09/21/2023 10:58 AM

End: 09/21/2023 11:08 AM

By: owl.adan

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 Men: Sam Widmer

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Dump Truck

UOM: Durd

UOM Count: 16

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS

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

Paint Filter - PASS

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

NORM - PASS

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

Additional Photos

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

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

SUBTOTAL ---> \$0.16

TAX ---> \$0.01

ROUNDING ---> \$0.00

TOTAL ---> \$0.17

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

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
18	00	18	\$0.01	\$0.18

Contaminated Soil

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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump Truck
 UOM: Cuyd
 UOM Count: 18
 PF Test Result: Pass
 H2S Test: Pass

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

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

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

Additional Photos				
C1	00	01	\$0.00	\$0.00

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

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

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



Customer Copy

WEIGHT TICKET

Ticket # 194814

Start: 09/21/2023 03:16 PM

End: 09/21/2023 03:23 PM

By: OWL.Ivan

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

Hauler: McNabb Partners
 Driver: Josh Busby
 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: 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 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 ----> \$0.14
 TAX ----> \$0.01
 ROUNDING ----> \$-0.00
 TOTAL ----> \$0.15

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



WEIGHT TICKET
Ticket # 195697
Start: 09/20/2023 09:47 AM
End: 09/26/2023 10:01 AM
By: 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 Man: Sam Widmer
 Rig Name & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump Truck
 UOM: Day
 UOM Count: 12
 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 Manzano

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

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



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	CO	16	\$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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump Truck MS6
 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

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

Kumar Redz



Customer Copy

WEIGHT TICKET

Ticket # 195750
Start: 09/26/2023 01:07 PM
End: 09/26/2023 01:12 PM
By: cwl,adan

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

Hauler: McNaab Partners
 Driver: Jesse Moreno
 Lease: Zia Hills CRI 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: End Dump
 UDM: DUMD
 UDM 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

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

Additional Photos				
01	00	01	\$0.00	\$0.00

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

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

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



Customer Copy

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

Ticket # 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				
16	00	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 & 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	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

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 # 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 CR1 Transfer Line Release
 Well: N/A
 AFE #: N/A
 County, State: LEA (NM)
 APT #: N/A
 Oil Field Company Man: Sam Widner
 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				
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 Photos				
01	00	01	\$0.00	\$0.00

20

\$0.01 \$0.16

VICTOR MENZIES

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

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

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

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

LUMER RDZ



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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump Truck
 UOM: CWT
 UOM 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	---	\$0.18
TAX	---	\$0.01
ROUNDING	---	-\$0.00
TOTAL	---	\$0.19

VICTOR MANZANO

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	40.01	\$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
 UDM: Jurd
 UDM Count: 16
 PF Test Result: Pass
 H2S Test: Pass

PS Testing - PASS	01	CO	01	40.00	\$0.00
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Paint Filter - PASS	01	CO	01	40.00	\$0.00
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NORM - PASS	01	CO	01	40.00	\$0.00
-------------	----	----	----	-------	--------

Additional Photos	01	CO	01	40.00	\$0.00
-------------------	----	----	----	-------	--------

20			40.01	\$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

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
 AFE #: N/A
 County, State: LEA (NM)
 API #: N/A
 Permit #: 34
 Rental Company Man: Sam Widmer
 Rig Name & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump Truck
 UOM: BULD
 UOM Count: 18
 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
----	--	--	--------	--------

SUB-TOTAL ----> \$0.18
 TAX ----> \$0.01
 ROUNDING ----> \$0.00
 TOTAL ----> \$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
				\$0.18

Contaminated Soil
 18 CO
 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 #: 06
 Client Company Man: Sam Widmer
 Rig Name & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump Truck
 UOM: Cuyd
 UOM Count: 18
 PF Test Result: Pass
 H2S Test: Pass

H2. 18 - PASS CO 01 \$0.00 \$0.00

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

NORM - PASS CO 01 \$0.00 \$0.00

Additional Photos CO 01 \$0.00 \$0.00

22

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

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

GUMER RDZ

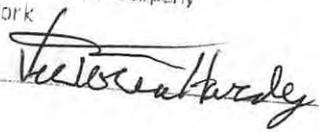


WEIGHT TICKET

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 Man: Sam Widmer				
Rig Name & 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
NORM -- PASS				
01	CO	01	\$0.00	\$0.00
Additional Photos				
01	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: 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 & 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	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
----	--	--	--------	--------

SUBTOTAL ----> \$0.16
 TAX ----> \$0.01
 ROUNDING ----> \$0.00
 TOTAL ----> \$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: Alvaro Tercero
 Lease: Zia Hills CR 1 Transfer Line Release
 Well: N/A
 AFE #: N/A
 County, State: LEA (NM)
 API #: N/A
 Manifest #: 08
 Client Company Man: Sam Widmer
 Rig Name & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Belly Dumps
 UDM: DUyd
 UDM Count: 20
 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
----	--	--	--------	--------

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

Alvaro Tercero

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



Customer Copy

WEIGHT TICKET

Ticket # 195964

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 DR 1 Transfer Line Release				
Well: N/A				
AFE #: N/A				
County, State: LEA (NM)				
API #: N/A				
Manifest #: 39				
Client Company Man: Sam Widmar				
Rig Name & 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 ---> \$0.14
				TAX ---> \$0.01
				ROUNDING ---> \$-0.00
				TOTAL ---> \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Victoria Hardy



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 Man: Sam Widner
 Rig Name & Number: 4/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	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
----	--	--	--------	--------

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

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

LUMER RDZ



WEIGHT TICKET

Ticket # 195986
Start: 09/27/2023 01:54 PM
End: 09/27/2023 02:04 PM
By: owl.amy

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 #: 41				
Client Company Man: Sam Widmer				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
UDM: DuYd				
UDM 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

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

Alvaro Tercero

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 RR 1 Transfer Line Release
 Well: N/A
 AFE #: N/A
 County, State: LEA (NM)
 API #: N/A
 Manifest #: 42
 Client Company Man: Sam Viduan
 Rig Name & 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 ----> \$0.14
 TAX ----> \$0.01
 ROUNDING ----> \$-0.00
 TOTAL ----> \$0.15

Customer: ConocoPhillips Company

Driver: Karen Work

ID/License:

Victoria Hardy



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	00	16	\$0.01	\$0.16
Hauler: McNabb Partner				
Driver: Lumar Rdz				
Lease: Zia Hills DRI 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 Ticket #: N/A				
Truck Type: Tank Truck				
UOM: Duffel				
UOM Cont: 16				
FF 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
SUBTOTAL ---->				\$0.16
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.17

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

LUMER RDZ



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 DR 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: Karan 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

DESCRIPTION	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 Man: Sam Widmer Rig Name & 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 ----> \$0.14
TAX ----> \$0.01
ROUNDING ----> \$-0.00
TOTAL ----> \$0.15

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

Victoria Hardy



WEIGHT TICKET

Ticket # 198177
Start: 09/28/2023 10:10 AM
End: 09/28/2023 10:17 AM
By: cwl.gina

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	16	16	10.01	\$0.16

Hauler: McNabb Partners
 Driver: Alvaro Torresero
 Location: Zia Hills CR 1 Transfer Line Release
 Well: N/A
 AFE #: N/A
 County, State: LEA (NM)
 API #: N/A
 Manifest #: 46
 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

NDRM - 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

Allen Jones
 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: Valorie Hardy
 Le: : 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: 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
----	--	--	--------	--------

SUB-TOTAL ----> \$0.14
 TAX ----> \$0.01
 *ROUNDING ----> \$-0.00
 TOTAL ----> \$0.15

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

Victoria Hardy



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

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

Victoria Hardy



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: A. baro Teresoro
 Lease: ZIA Hills DR 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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump truck
 UOM: Curb
 UOM Court: 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

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



Customer Copy

WEIGHT TICKET

Ticket # 196233
Start: 09/26/2023 01:14 PM
End: 09/26/2023 01:21 PM
By: DPL.Ivan

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

Mailer: McNabb Partners
 Driver: Aolie 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/ M83
 UOM: Dyd
 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

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

Additional Photos				
01	00	01	\$0.00	\$0.00

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

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

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

Aolie 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: McNaught 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 & 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
----	----	----	--------	--------

NORM - PASS

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

Additional Photos

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

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

SUBTOTAL ----> \$0.14

TAX ----> \$0.01

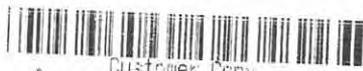
ROUNDING ----> \$-0.00

TOTAL ----> \$0.15

Customer: ConocoPhillips Company

Driver: 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.: owl.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 & 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: 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: OWL 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				
APE #: 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 M31				
UOM: CuYd				
UOM Court: 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 ----> \$0.16
TAX ----> \$0.01
ROUNDING ----> \$0.00
TOTAL ----> \$0.17

Alvaro Tercero
Customer: ConocoPhillips Company
Driver: Kairen Work
ID/Licence:



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
 AFE #: N/A
 County, State: LEA (NM)
 API #: N/A
 Manifest #: 54
 Client Company Man: Sam Widmer
 Rig Name & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Belly Dumps
 UOM: CuYd
 UOM Count: 18
 PF Test Result: Pass
 H2S Test: Pass

H2S Testing - PASS				
C1	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 ----> \$0.18
 TAX ----> \$0.01
 ROUNDING ----> \$0.00
 TOTAL ----> \$0.19

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

powered by TrueCloudERP.com

Acie Truck 283
Zia Hills CR1



Customer Copy

WEIGHT TICKET

Ticket # 196251

Start: 09/28/2023 02:40 PM

End: 09/28/2023 02:44 PM

By: cwl.gina

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
14	00	14	10.01	\$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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump Truck
 UOM: CuYd
 UOM Count: 12
 PF Test Result: Pass
 H2S Test: Pass

H2S Testing - PASS	01	10.00	\$0.00
C1 CO			

Paint Filter - PASS	01	10.00	\$0.00
C1 CO			

NORM - PASS	01	10.00	\$0.00
C1 CO			

Additional Photos	01	10.00	\$0.00
C1 CO			

13	10.01	\$0.14
----	-------	--------

SUBTOTAL ----> \$0.14
 TAX ----> \$0.01
 ROUNDING ----> \$-0.00
 TOTAL ----> \$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
 County, State: Dump Truck
 API #: N/A
 Manifest #: N/A
 Client Company Man: Sam Widner
 Rig Name & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Dump Truck
 UOM: Cuyd
 UOM Court: 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

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

Customer: ConocoPhillips Company
 Driver: Karen Work
 FOAL: [unclear]

L. UMER 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 Man: Sam Widmer
 Rig Name & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Belly Dumps
 UOM: CuYd
 UOM Count: 18
 PF Test Result: Pass
 H2S Test: Pass

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

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

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

Additional Photos				
C1	00	01	\$0.00	\$0.00

22			\$0.01	\$0.18
				SUBTOTAL ---> \$0.18
				TAX ---> \$0.01
				ROUNDING ---> \$0.00
				TOTAL ---> \$0.19

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



Customer Copy

WEIGHT TICKET

Ticket # 196956

Start: 10/02/2023 11:28 AM

End: 10/02/2023 11:34 AM

Bj:cwl.gina

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	00	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 & 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

Water - PASS				
01	00	01	\$0.00	\$0.00

Additional Photos				
01	00	01	\$0.00	\$0.00

10.01 \$0.18
 SUBTOTAL ---> \$0.18
 TAX ---> \$0.01
 ROUNDING ---> \$0.00
 TOTAL ---> \$0.19

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

Asia Truck M83

ZIA Hills CR1



Customer Copy

WEIGHT TICKET

Ticket # 196961
Start: 10/02/2023 11:40 AM
End: 10/02/2023 11:46 AM
By: rowl.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 Location: 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				
01	00	01	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
----	--	--	--------	--------

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

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



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	00	16	\$0.01	\$0.16

Hauler: M.Nabb
Driver: Gumer Rocio
Lease: Zia Hills CR 1 Transfer Line Release
Well: N/A

AFE #: N/A
County, State: LEA (NM)
APL #: N/A

Manifest #: 60
Client Company Man: Sam Widmer
Rig Name & Number: N/A
Trucking Co Ticket #: N/A
Truck Type: Dump Truck
UOM: Cuyd
UOM Count: 16
EF 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 Photos				
01	00	01	\$0.00	\$0.00

20 \$0.01 \$0.16

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

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

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
18	CO	18	10.01	\$0.18

Contaminated Soil

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 & 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

Paint Filter - PASS	01	10.00	\$0.00
C1 CO			
NORM - PASS	01	10.00	\$0.00
C1 CO			
Additional Photos	01	10.00	\$0.00
C1 CO			

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 MP3
ZIA Hills CR1



WEIGHT TICKET

Ticket # 196986

Start: 10/02/2023 01:18 PM

End: 10/02/2023 01:22 PM

By: GML 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 Man: Sam Widmer

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Truck Type: Belly Dumps

UOM: Jyd

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/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: Aerie 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 & Number: 4/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				
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
----	--	--	-------	--------

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

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

*Aerie 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 & 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 ----> \$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.geraldina

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

Hauler: McNabb Partners
 Driver: Acie 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	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
-------------------	----	----	--------	--------

22 \$0.01 \$0.18

SUBTOTAL -> \$0.18

TAX -

Pr

Customer

ZIA Hills CR1

Acie Tract MB3



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	00	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 & 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	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
			\$0.01	\$0.16

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

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

LUMER ROZ



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
 Conf No: 1: 57
 Job Company Man: Sam Widmer
 Job 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				
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
----	--	--	--------	--------

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

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



WEIGHT TICKET

Ticket # 197203
Start: 10/03/2023 12:41 PM
End: 10/03/2023 12:51 PM
By: OWL, 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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Belly Dumps
 UDM: Durd
 UDM Count: 18
 PF Test Result: Pass
 H2S Test: Pass

DESCRIPTION	UNIT	PRICE	AMOUNT
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:

Arie Truck M83
Zia Hills CR1



WEIGHT TICKET

Ticket # 197205
Start: 10/03/2023 12:47 PM
End: 10/03/2023 12:54 PM
By: DWL.geraldine

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

Contaminated Soil				
09	00	09	10.01	\$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 Men: Sam Widner
 Rig Name & Number: N/A
 Trucking Co. Ticket #: N/A
 Truck Type: Belly Dumps
 UOM: Cuyd
 UOM Count: 3
 PF Test Result: Pass
 H2S Test: Pass

H2S Testing - PASS				
01	00	01	10.00	\$0.00

Paint Filter - PASS				
01	00	01	10.00	\$0.00

NORM - PASS				
01	00	01	10.00	\$0.00

Additional Photos				
01	00	01	10.00	\$0.00

			10.01	\$0.09
--	--	--	-------	--------

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

Customer: ConocoPhillips 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
18	00	18	\$0.01	\$0.18

Contaminated Soil
 Hauler: McNabb Partners
 Driver: Acie 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 & Number: N/A
 Trucking Co Ticket #: N/A
 Truck Type: Belly Dumps
 UDM: 2yd
 UDM Count: 18
 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			

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

Additional Photos	01	\$0.00	\$0.00
C1 CO			

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:

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: OWL 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 & 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	---->	\$0.09
TAX	---->	\$0.00
ROUNDING	---->	\$0.00
TOTAL	---->	\$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

CLASS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
01	00	18	\$0.01	\$0.18
Dealer: McVabb Partners Driver: Aolie 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: Cuyd 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
NORM - PASS				
01	00	01	\$0.00	\$0.00
Additional				
01	00	01	\$0.00	\$0.00
22			10.01	\$0.18
SUECTAL ---->				\$0.18
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.19

Client: ConocoPhillips Company
Operator: Karen Work
Licence:

AOLIE TRUCK MR3
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: Aclia 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: CuYd
 UOM Count: 20
 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

24 \$0.01 \$0.20

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

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

*Aclia Truck MR3
 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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 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)

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) 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

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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)

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) 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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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)

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) 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



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 - 5 (H235097-05)

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	09/20/2023	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	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



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 - 6 (H235097-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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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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 - 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



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 - 8 (H235097-08)

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	09/20/2023	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	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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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 - 9 (H235097-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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)

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	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)

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) 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)

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) 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)

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	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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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)

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	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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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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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, 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	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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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)

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	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, 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	09/21/2023	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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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)

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	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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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)

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	09/20/2023	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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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)

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	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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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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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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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)

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	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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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)

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	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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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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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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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)

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	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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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)

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	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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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)

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) 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	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



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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 - 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



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 - 10 (H235097-34)

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) 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)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2023	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 BTEX	<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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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

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech
 Project Manager: Ryan Dickerson
 Address: 8911 Capital o Texas Hwy, Suite 2310
 City: Austin State: TX Zip:
 Phone #: (512)565-0190 Fax #:
 Project #: 212C-MD-02835 Project Owner: ConocoPhillips
 Project Name: Zia Hills CR-1 Transfer Line Release
 Project Location: Lea County, New Mexico
 Sampler Name: Colton Bickerstaff
 P.O. #: Company: Tetra Tech
 Attn: Ryan Dickerson
 Address: EMAIL
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
PS-1		G 1	1	X					9/20/2023	X	X	X	
PS-2		G 1	1	X					9/20/2023	X	X	X	
PS-3		G 1	1	X					9/20/2023	X	X	X	
PS-4		G 1	1	X					9/20/2023	X	X	X	
PS-5		G 1	1	X					9/20/2023	X	X	X	
PS-6		G 1	1	X					9/20/2023	X	X	X	
PS-7		G 1	1	X					9/20/2023	X	X	X	
PS-8		G 1	1	X					9/20/2023	X	X	X	
PS-9		G 1	1	X					9/20/2023	X	X	X	
PS-10		G 1	1	X					9/20/2023	X	X	X	

PLEASE NOTE: Labels and Chain of Custody documents provided for any other testing services are provided for informational purposes only. The user is responsible for ensuring that the information provided is accurate and complete. All data is provided as is and is not guaranteed. All data is provided as is and is not guaranteed. All data is provided as is and is not guaranteed.

Relinquished By: Colton Bickerstaff
 Date: 9/20/23
 Time: 15:27
 Received By: [Signature]
 Date: [Blank]
 Time: [Blank]

Observed Temp. °C: 5.1
 Corrected Temp. °C: [Blank]

Sample Condition:
 Cool Moist
 Yes No

CHECKED BY: [Signature]

Remarks:
 Verbal Result: Yes No
 All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com
 Add'l Phone #: [Blank]

FORM-006 R.3.2 10/07/21

Cardinal cannot accept verbal changes. Please email changes to cdeley/keene@cardinalabnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech
 Project Manager: Ryan Dickerson
 Address: 8911 Capital o Texas Hwy, Suite 2310
 City: Austin State: TX Zip:
 Phone #: (512)565-0190 Fax #: Project Owner: ComocoPhillips
 Project #: 212C-MID-02935 Project Location: Lea County, New Mexico
 Sampler Name: Colton Bickerstaff
 Lab I.D. H235097
 Sample I.D. H235097

Sample I.D.	Date	Time	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE	ICE / COOL					
H235097	9/20/2023		X	1	X								X	X	X	
NSW-1	9/20/2023		X	1	X								X	X	X	
SSW-1	9/20/2023		X	1	X								X	X	X	
ESW-1	9/20/2023		X	1	X								X	X	X	
ESW-2	9/20/2023		X	1	X								X	X	X	
ESW-3	9/20/2023		X	1	X								X	X	X	
ESW-4	9/20/2023		X	1	X								X	X	X	
ESW-5	9/20/2023		X	1	X								X	X	X	
ESW-6	9/20/2023		X	1	X								X	X	X	
ESW-7	9/20/2023		X	1	X								X	X	X	

REMARKS: Verbal Results: Yes No Add'l Phone #: Ryan.Dickerson@tetratech.com
 All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other: Sample Condition Cool Intact Yes No
 Observed Temp: 5.1°C Corrected Temp: 5.1°C
 Date: 9/20/23 Received By: [Signature]
 Time: 13:27

FORM-006 R.3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech
 Project Manager: Ryan Dickerson
 Address: 8911 Capital o Texas Hwy, Suite 2310
 City: Austin State: TX Zip:
 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 Bickerstaff
 Lab I.D. H25097
 Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500CI-B
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE							
21	ESW-8	G 1	1	X						9/20/2023		X	X	X	
22	ESW-9	G 1	1	X						9/20/2023		X	X	X	
23	ESW-10	G 1	1	X						9/20/2023		X	X	X	
24	ESW-11	G 1	1	X						9/20/2023		X	X	X	
25	WSW-1	G 1	1	X						9/20/2023		X	X	X	
26	WSW-2	G 1	1	X						9/20/2023		X	X	X	
27	WSW-3	G 1	1	X						9/20/2023		X	X	X	
28	WSW-4	G 1	1	X						9/20/2023		X	X	X	
29	WSW-5	G 1	1	X						9/20/2023		X	X	X	
30	WSW-6	G 1	1	X						9/20/2023		X	X	X	

Relinquished By: Colton Bickerstaff
 Date: 9/20/23
 Time: 13:37
 Received By: [Signature]
 Date: [Signature]
 Time: [Signature]

Checked By: [Signature]

Verbal Results: Yes No
 All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com

REMARKS:

Relinquished By: [Signature]
 Date: [Signature]
 Time: [Signature]

Checked By: [Signature]

Verbal Results: Yes No
 All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com

REMARKS:

Relinquished By: [Signature]
 Date: [Signature]
 Time: [Signature]

Checked By: [Signature]

Verbal Results: Yes No
 All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com

REMARKS:

FORM-005 R.3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech		P.O. #:				
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		Project Owner: ConocoPhillips				
Project Name: Zia Hills CR-1 Transfer Line Release		State:				
Project Location: Lea County, New Mexico		City:				
Sampler Name: Colton Bickerstaff		Phone #:				
Fax #:		Zip:				
Lab I.D. H25207		FOR LAB USE ONLY				
Sample I.D.	(G)RAB OR (C)OMP	DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500CI-B
	# CONTAINERS					
	MATRIX					
	PRESERV.					
	SAMPLING					
WSW-7	G 1	9/20/2023		X	X	X
WSW-8	G 1	9/20/2023		X	X	X
WSW-9	G 1	9/20/2023		X	X	X
WSW-10	G 1	9/20/2023		X	X	X
WSW-11	G 1	9/20/2023		X	X	X
Relinquished By: Colton Bickerstaff		Date: 9/20/23	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:
Relinquished By:		Time: 13:27	Received By:	All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com		REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C	Corrected Temp. °C	Sample Condition	CHECKED BY: (Initials)	Thermometer Type: <input type="checkbox"/> Standard <input type="checkbox"/> Baker (only Sample Condition)
FORM-006 R 3.2 11/07/21		† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabsnm.com		Cool / Moist <input type="checkbox"/> Yes <input type="checkbox"/> No Cool / Dry <input type="checkbox"/> Yes <input type="checkbox"/> No Thermometer ID: #113 Correction Factor: 4.3°C Observed Temp. °C Corrected Temp. °C		



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.

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

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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, 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 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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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)

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	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, 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*	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

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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

Cardinal Laboratories

*=Accredited Analyte

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Handwritten signature of 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

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech
 Project Manager: Ryan Dickerson
 Address: 9911 Capital o Texas Hwy, Suite 2310
 City: Austin State: TX Zip:
 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 Bickerstaff
 P.O. #: Company: Tetra Tech
 Attn: Ryan Dickerson
 Address: EMAIL
 City: State: Zip:
 Phone #: Fax #:
 Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE
 Preservation: ICE / COOL, OTHER:
 Sampling: DATE, TIME

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500CI-B
HZ35138																
1 SSW-1 (4)	G 1	X	X									9/21/2023		X	X	X
2 ESW-1 (2)	G 1	X	X									9/21/2023		X	X	X
3 ESW-7 (2)	G 1	X	X									9/21/2023		X	X	X
4 WSW-6 (2)	G 1	X	X									9/21/2023		X	X	X
5 WSW-8 (2)	G 1	X	X									9/21/2023		X	X	X

Relinquished By: Colton Bickerstaff
 Date: 9/21/23 Time: 1524
 Received By: [Signature]
 Date: [Signature] Time: [Signature]
 Observed Temp. °C: 5.4
 Sample Condition: Cool Intact
 Checked By: [Signature] (Initials)
 Verbal Results: Yes No
 Add'l Phone #: [Signature]
 Remarks: All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com

FORM-006 R.3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to cdeley/keen@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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 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)

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	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 BTEX	<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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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.

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 (3') (H235163-01)

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	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 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	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

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

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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	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 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	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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* = 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech
 Project Manager: Ryan Dickerson
 Address: 8911 Capital o Texas Hwy, Suite 2310
 City: Austin State: TX Zip:
 Phone #: (512)565-0190 Fax #: Project Owner: ConocoPhillips
 Project #: 212C-MD-02935 Project Name: Zia Hills CR-1 Transfer Line Release
 Project Location: Lea County, New Mexico
 Sampler Name: Colton Bickerstaff
 Lab I.D. PS-2(4)

P.O. #: Company: Tetra Tech
 Attn: Ryan Dickerson
 Address: EMAIL
 City: State: Zip:
 Phone #: Fax #:

Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
PS-2(4)	G	1			X				9/22/2023				

OTHER: ACID/BASE: ICE / COOL OTHER: PRESERV. SAMPLING

Received By: *Matthew Blakes*
 Date: 9/22/23
 Time: 1244
 Observed Temp: 85
 Corrected Temp: 85
 Sample Condition: Cool Yes No
 Checked By: *AV*
 Initials: *AV*
 Turnaround Time: Standard Expedited
 Remarks: All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com

Relinquished By: Colton Bickerstaff
 Delivered By: (Circle One) S: Sampler - Ups - Bus - Other: S U B O

FORM-006 R 1.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to 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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 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)

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	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 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	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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 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)

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) 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

Cardinal Laboratories

*=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 - 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, SM4500CI-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)

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	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

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:	09/26/2023	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, SM4500CI-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

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:	09/26/2023	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



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 - 7 (4') (H235247-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, 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)

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, 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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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, SM4500CI-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)

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	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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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)

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, 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)

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) 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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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

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech		P.O. #:	
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: Comoco/Phillips	City:	Zip:
Project Name: Lea Hills CR-1 Transfer Line Release		State:	Zip:
Project Location: Lea County, New Mexico		Phone #:	
Sampler Name: Colton Bickerstaff		Fax #:	
Lab I.D.		Sample I.D.	

Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
4235247	G	1	X						9/26/2023	X	X	X	
1	G	1	X						9/26/2023	X	X	X	
2	G	1	X						9/26/2023	X	X	X	
3	G	1	X						9/26/2023	X	X	X	
4	G	1	X						9/26/2023	X	X	X	
5	G	1	X						9/26/2023	X	X	X	
6	G	1	X						9/26/2023	X	X	X	
7	G	1	X						9/26/2023	X	X	X	
8	G	1	X						9/26/2023	X	X	X	
9	G	1	X						9/26/2023	X	X	X	
10	G	1	X						9/26/2023	X	X	X	

Relinquished By: Colton Bickerstaff	Date: 9/26/23	Received By: [Signature]
Relinquished By:	Date:	Received By:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. - C Corrected Temp. - C	Sample Condition Cool Impact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Checked By: [Signature]	Thermometer ID #113	Correction Factor 4.5°C
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Standard	Battery (y/n) Sample Condition
REMARKS:	Thermometer ID #113	Cool Impact
	Correction Factor 4.5°C	Observed Temp. °C
		Yes <input type="checkbox"/> No <input type="checkbox"/>
		Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to cdeley.keen@cardinallabsnm.com

FORM-005 R 3.2 10/07/21

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