



# DEFERRAL REQUEST REPORT

**Culebra Bluff Section 26 Compressor Station**

**Eddy County, New Mexico**

**Incident Numbers**

**nAPP2220225509**

**Prepared For:**

**Chevron USA, Inc.**

**6301 Deauville Blvd**

**Midland, TX 79706**

Carlsbad • Houston • Midland • San Antonio • Lubbock • Hobbs • Lafayette

## SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron USA, Inc. (Chevron), presents the following Deferral Request Report (DRR) for the Culebra Bluff Section 26 Compressor Station (Site) associated with a reportable release of crude oil and produced water assigned Incident Number nAPP2220225509. Based on field observations and laboratory analytical results from recent soil sampling events, Chevron is proposing to defer residual impacted soil within multiple aboveground equipment, surface and subsurface lines for the safety of onsite personnel and requesting No Further Action (NFA) until the Site undergoes major deconstruction or plugging and abandonment (P&A), whichever comes first.

## SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit B, Section 15, Township 23 South, Range 28 East, in Eddy County, New Mexico (32.277727°, -104.0544584°) and is associated with oil and gas exploration and production operations on Private Land (**Figure 1 in Appendix A**).

On July 6, 2022, it was discovered that there was an overflow in the compressor sump tank causing approximately 1.104 bbl (barrel) of crude oil and 4.414 bbls of produced water to be spilled onto the production pad. Approximately 1 bbl of crude oil was recovered during initial mitigation action. No produced water was able to be recovered. Chevron immediately reported the release to the NMOCD via email and on a Release Notification and Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on July 21, 2022, and was subsequently assigned Incident Number nAPP2220225509. **Figure 2 in Appendix A** depicts the observed release area, hereafter referred to as the Area of Concern (AOC).

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

The nearest, current (less than 25 years old) permitted water well with depth to water data is New Mexico Office of the State Engineer (NMOSE) well C-03535, located approximately 0.72 miles southeast of the Site (**Figure 1A in Appendix A**). NMOSE well C-03535 has a reported depth of water 25 feet below ground surface (bgs) from 2012. The well record is provided in **Appendix B**.

The Site is located within a medium karst potential area and all other potential receptors are not within the established buffers defined in NMAC 19.15.29.12. Receptor details from the site characterization are included in **Figure 1B** and **Figure 1C in Appendix A**.

Based on the results from the desktop review, specifically the estimated depth to groundwater at the Site and distance, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria <sup>†</sup>
Chloride	Environmental Protection Agency (EPA) 300.0	600 milligram per kilogram (mg/kg)
TPH (Total Petroleum Hydrocarbon)	EPA 8015 M/D	100 mg/kg
Benzene	EPA 8021B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B	50 mg/kg

<sup>†</sup>The reclamation standard concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

## DELINEATION SOIL SAMPLING ACTIVITIES

From late October of 2023 to July 17, 2024, Etech conducted delineation activities to assess the Site for the presence or absence of residual soil impacts associated with the AOC. Delineation activities were advanced within and around the AOC via hand auger or by a backhoe due to refusal from an encountered caliche layer, which were driven by field screening soil for volatile organic compounds (VOCs) utilizing a photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The location of delineation soil samples were advanced in access areas with least hazard risks for onsite personnel. A minimum of two soil samples were collected per delineation soil sampling location, representing the highest observed field screening concentrations and the greatest depth. Field screening results and soil descriptions are included on soil sampling logs shown in **Appendix C**. The delineation soil sample locations are shown in **Figure 2** in **Appendix A**.

Delineation soil samples were placed directly into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Permian Basin Environmental Lab, L.P. (PBELAB) in Midland, Texas or Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico for analysis of COCs.

## LABORATORY SOIL ANALYTICAL RESULTS

Elevated COC exceedances above the Closure Criteria were identified in delineation soil samples: Auger Hole 1, Auger Hole 2, Auger Hole 4, Auger Hole 5, West Auger Hole, West Auger Hole - 2 and BH01 collected within the AOC from 0.5-foot bgs to 3 feet bgs (characterized by TPH concentrations ranging from 161 mg/kg to 24,200 mg/kg or chloride concentrations ranging from 1,000 mg/kg to 2,410 mg/kg). Benzene and BTEX concentrations in residual impacted soil were compliant with the Closure Criteria. Based on the laboratory analytical results and location of lateral delineation soil samples, the horizontal edge of the release is delineated. Laboratory analytical results are summarized in **Table 1** included in **Appendix E**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix F**. In general, the vertical extent of the AOC was fully delineated to the applicable Closure Criteria with clean representative lateral boundaries.

## DEFERRAL REQUEST

Based on laboratory analytical results from delineation soil sampling events, residual impacts associated with the AOC have been delineated where accessible based on the Site configuration and in which present the least hazard risks for onsite personnel. As such, residual impacts appear to solely reside

directly below the surface utilities and equipment up to 3 feet bgs based on delineation laboratory analytical results for samples collected within the AOC. Chevron requests to defer the areas associated with Auger Hole 1, Auger Hole 2, Auger Hole 4, Auger Hole 5, West Auger Hole, West Auger Hole - 2 and BH01, and the remainder of residual impacted soil within the AOC, unable to be safely addressed at this time.

WPX believes the initial response recovery efforts have mitigated impacts at the Site and assist with meeting the deferral requirements set forth in NMAC regulations to be protective of human health, the environment, and groundwater. Impacted soil is expected to be contained with the top 3 feet of the AOC and does not appear to exceed 4.5 feet bgs based on representative soil sample BH01. As such, WPX respectfully requests deferral of up to 138 cubic yards (CY) of residual impacted soil lying beneath multiple aboveground equipment, surface and subsurface lines containment until the Site undergoes major facility deconstruction or P&A, whichever comes first.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or [joseph@etechenv.com](mailto:joseph@etechenv.com) or Erick Herrera at (432) 305-6416 or [erick@etechenv.com](mailto:erick@etechenv.com). Documentation of correspondence and notifications regarding Incident Number nAPP2220225509 is presented as **Appendix G**.

Sincerely,  
Etech Environmental and Safety Solutions, Inc.



Abraham Valladares  
Project Coordinator



Joseph S. Hernandez  
Senior Managing Geologist

cc: Amy Barnhill, Chevron  
New Mexico Oil Conservation Division  
Bureau of Land Management



**Appendices:**

**Appendix A:** Figure 1: Site Map

Figure 1A: Site Characterization – Groundwater

Figure 1B: Site Characterization – Surface Receptors

Figure 1C: Site Characterization – Subsurface Receptors

Figure 2: Delineation Soil Sample Locations

Figure 3: Deferral Area

**Appendix B:** Referenced Well Records

**Appendix C:** Soil Sampling Logs

**Appendix D:** Photographic Log

**Appendix E:** Tables

**Appendix F:** Laboratory Analytical Reports & Chain-of-Custody Documentation

**Appendix G:** Correspondence & Notifications

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# APPENDIX A

## Figures

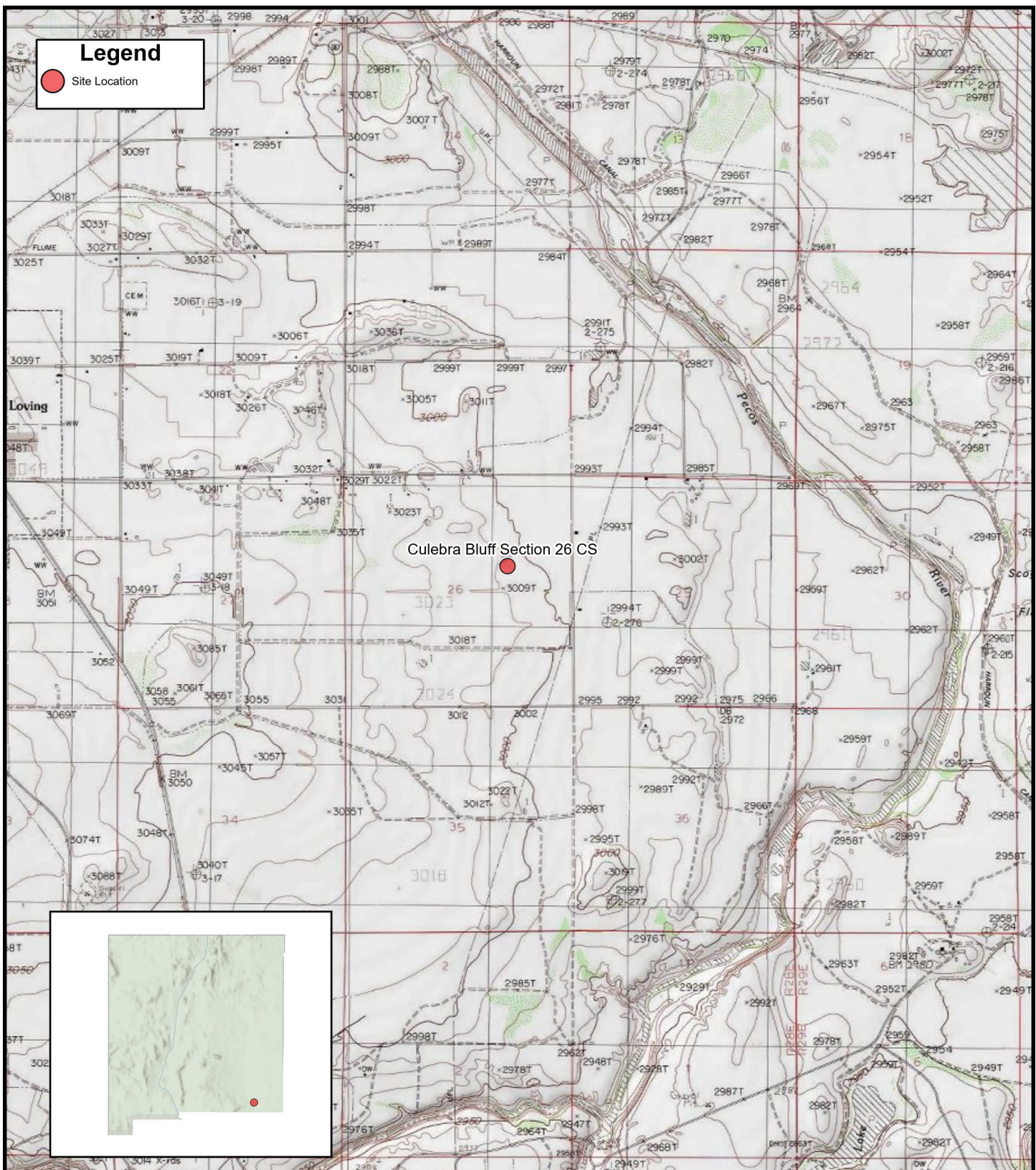


FIGURE 1

**Site Location Map**

Chevron U.S.A., Inc.  
Culebra Bluff Section 26 CS  
Unit G Sec 26 T23S R28E  
Eddy County, New Mexico



0 2,000 4,000 Feet



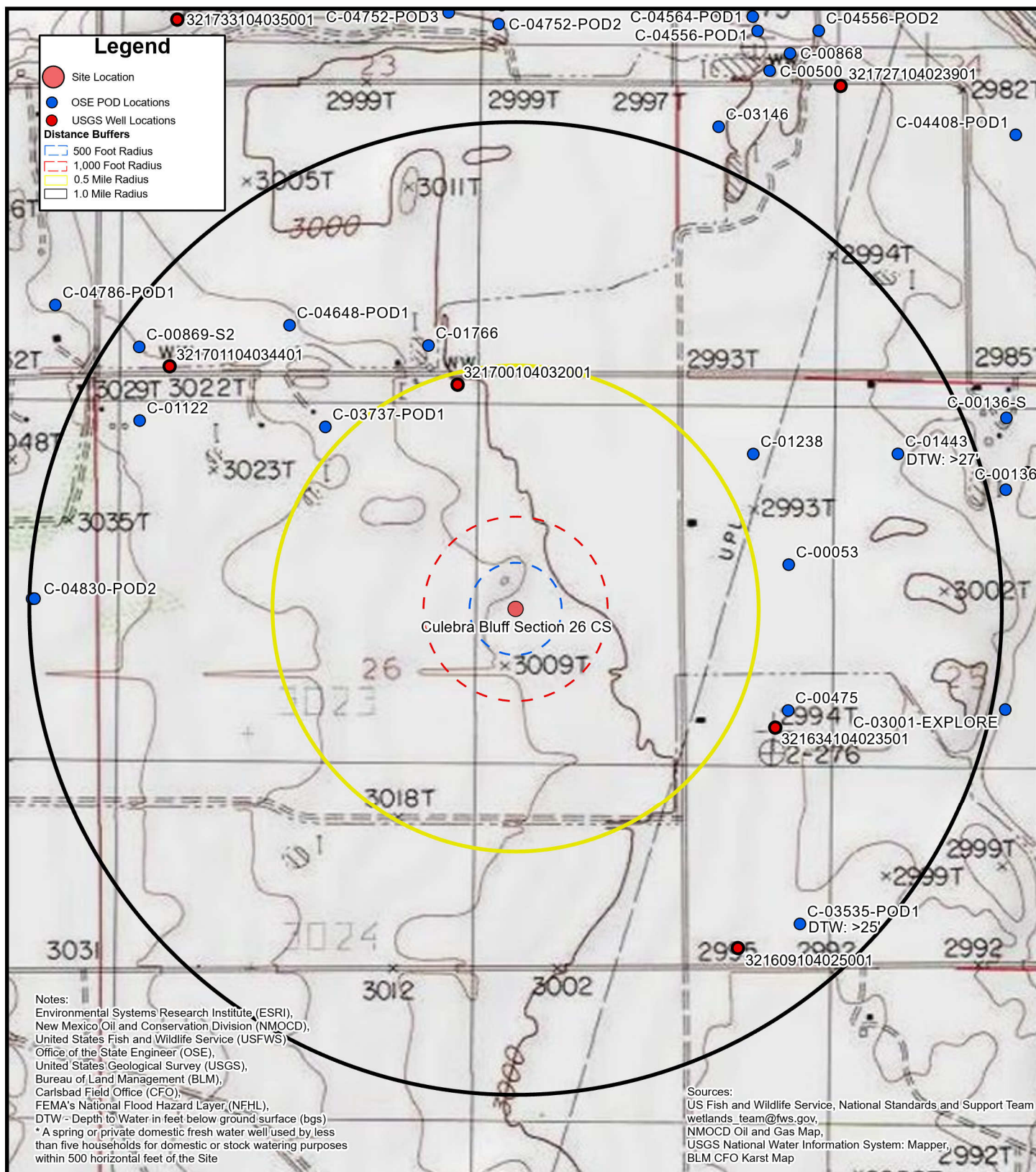
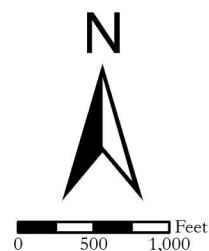


FIGURE 1A  
**Site Characterization Map  
 Groundwater**

Chevron U.S.A., Inc.  
 Culebra Bluff Section 26 CS  
 Unit G Sec 26 T23S R28E  
 Eddy County, New Mexico





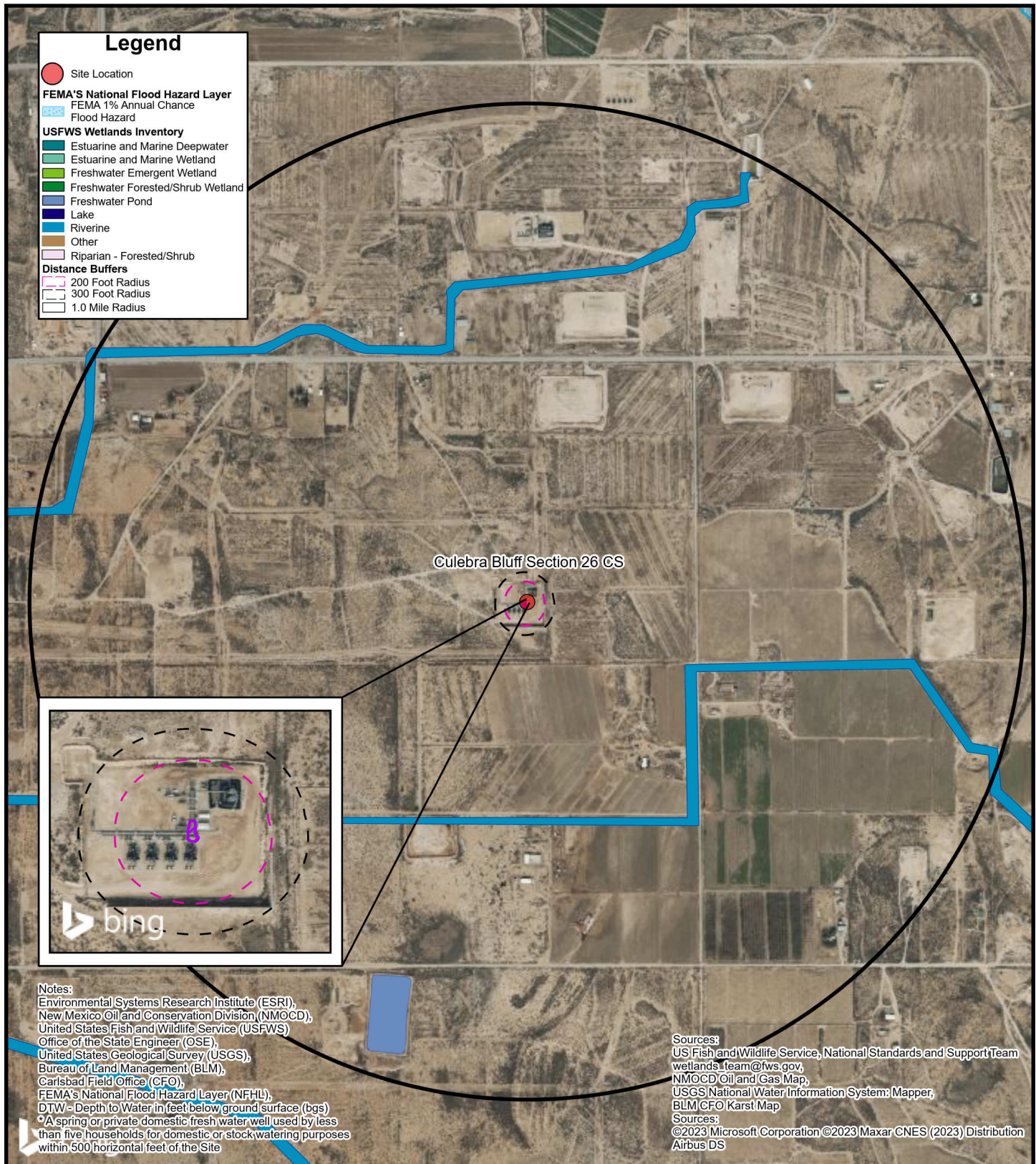
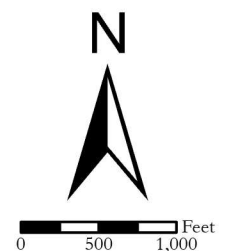
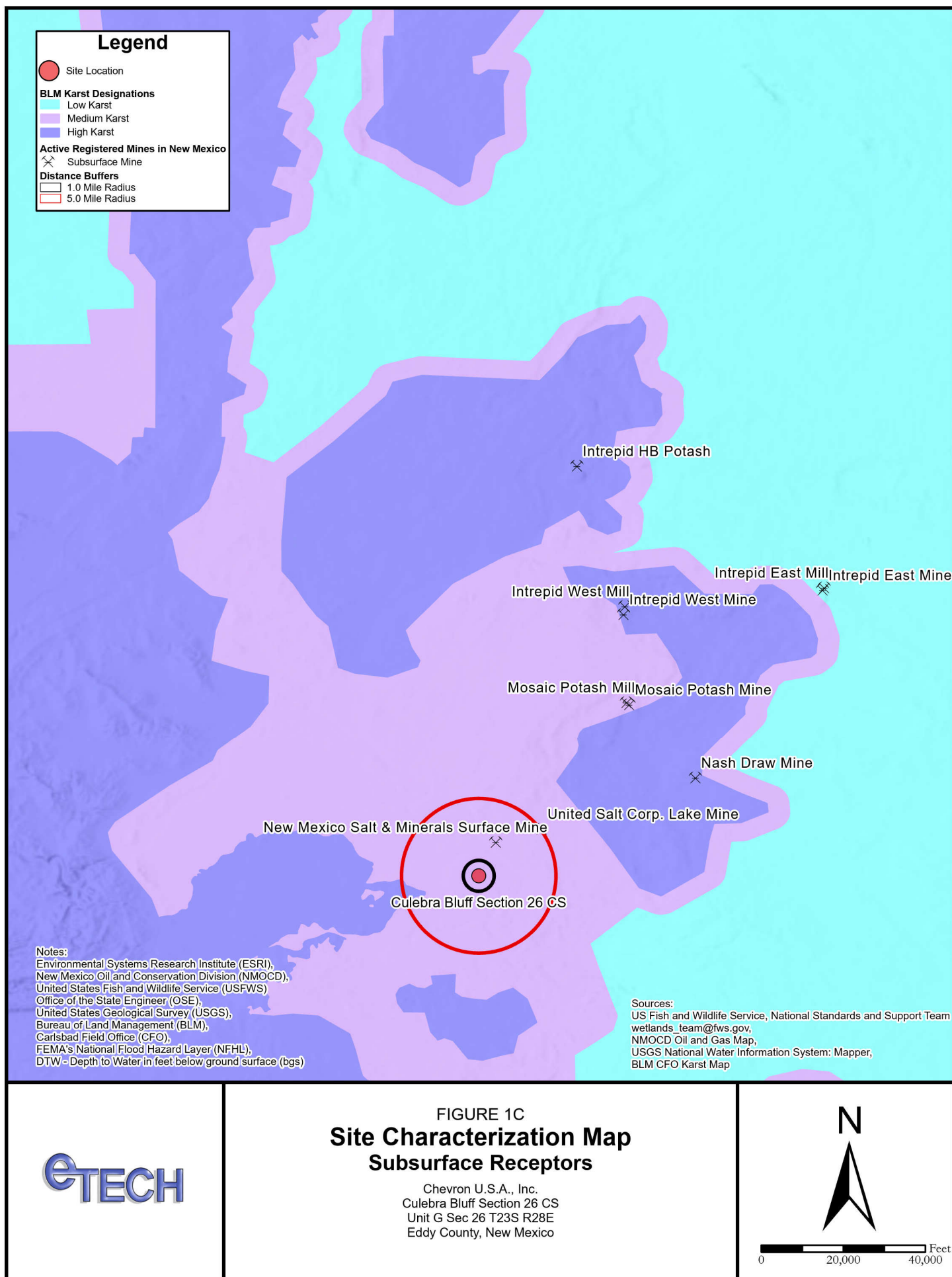


FIGURE 1B  
**Site Characterization Map  
 Surfacial Receptors**

Chevron U.S.A., Inc.  
 Culebra Bluff Section 26 CS  
 Unit G Sec 26 T23S R28E  
 Eddy County, New Mexico







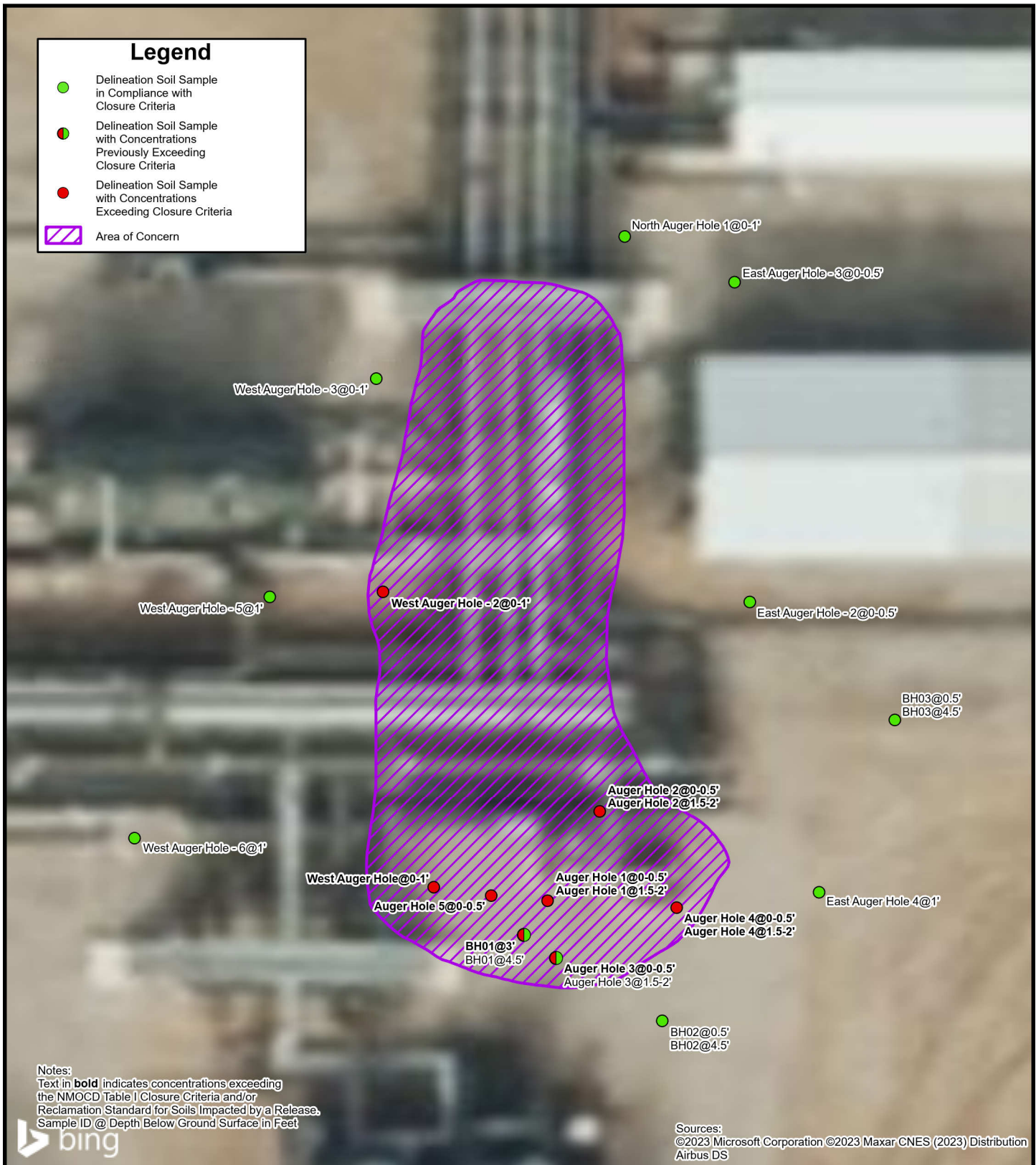


FIGURE 2

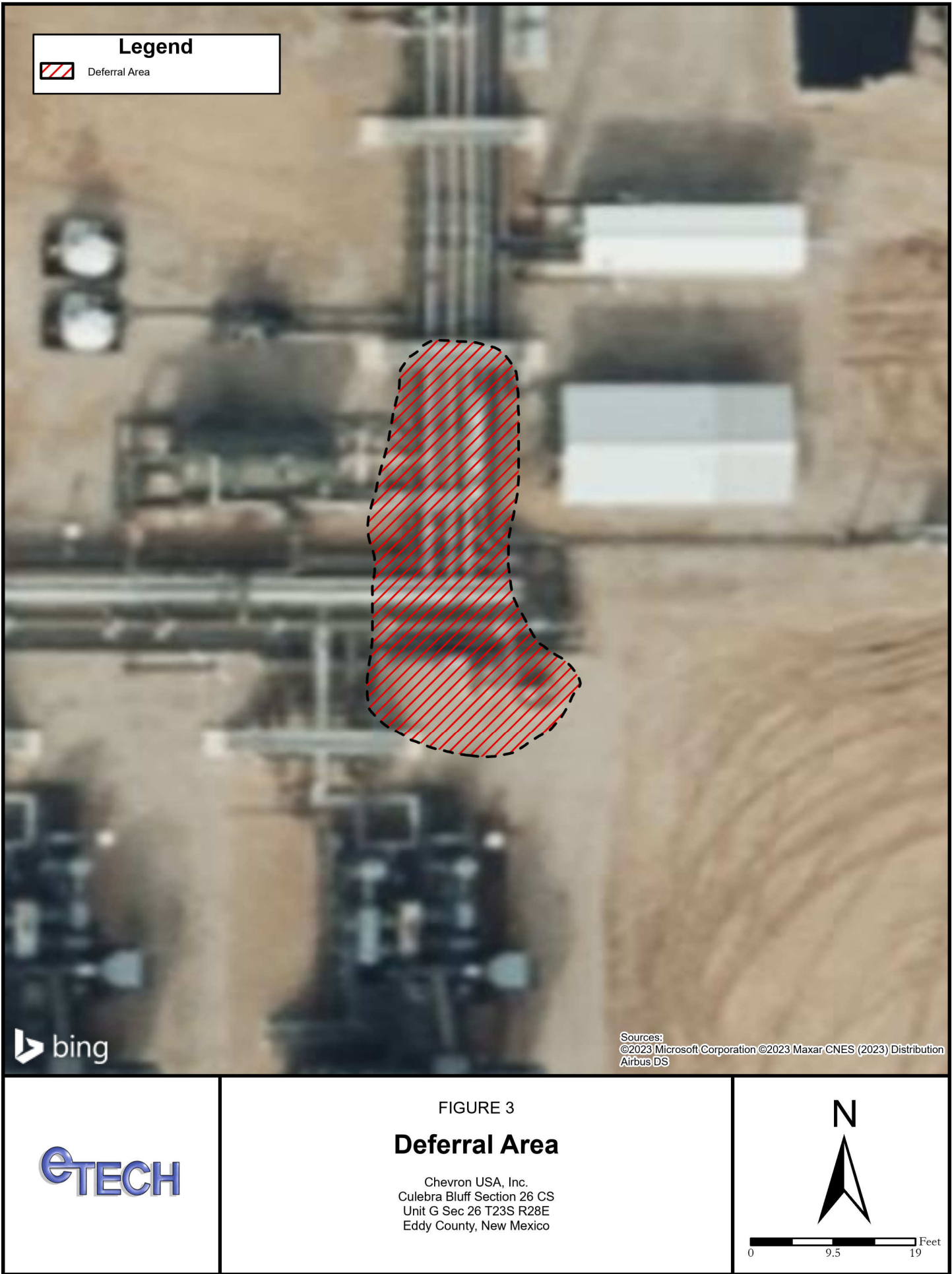
## Delineation Soil Sample Locations

Chevron USA, Inc.  
Culebra Bluff Section 26 CS  
Unit G Sec 26 T23S R28E  
Eddy County, New Mexico



0 6 12 Feet

eTECH





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## APPENDIX B

### Referenced Well Records



## WELL RECORD &amp; LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE  
ROSWE


7012 APR 26 1 A 10: 55

GENERAL AND WELL LOCATION	POD NUMBER (WELL NUMBER) <b>Pod 1</b>				OSE FILE NUMBER(S) <b>C-3535</b>				
	WELL OWNER NAME(S) <b>Coley Burgess</b>				PHONE (OPTIONAL) <b>575-200-7449</b>				
	WELL OWNER MAILING ADDRESS <b>Box 128</b>				CITY STATE ZIP <b>Lamy NM 88256</b>				
	WELL LOCATION (FROM GPS)	DEGREES <b>32</b>	MINUTES <b>16</b>	SECONDS <b>11.6</b>	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84				
LATITUDE <b>104 02 45.1</b>								LONGITUDE <b>104 02 45.1</b>	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS									
OPTIONAL	(2.5 ACRE) <b>NE 1/4</b>	(10 ACRE) <b>SE 1/4</b>	(40 ACRE) <b>SW 1/4</b>	(160 ACRE) <b>SW 1/4</b>	SECTION <b>25</b>	TOWNSHIP <b>23</b>	RANGE <b>28</b>		
	SUBDIVISION NAME				LOT NUMBER	BLOCK NUMBER	UNIT/TRACT		
	HYDROGRAPHIC SURVEY				MAP NUMBER	TRACT NUMBER			
DRILLING INFORMATION	LICENSE NUMBER <b>WD1626</b>	NAME OF LICENSED DRILLER <b>Ron A. Taylor</b>			NAME OF WELL DRILLING COMPANY <b>Eco/Enviro Drilling LLC</b>				
	DRILLING STARTED <b>4-6-12</b>	DRILLING ENDED <b>4-8-12</b>	DEPTH OF COMPLETED WELL (FT) <b>211</b>	BORE HOLE DEPTH (FT) <b>210</b>	DEPTH WATER FIRST ENCOUNTERED (FT) <b>170</b>				
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>25</b>				
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD <input type="checkbox"/> ADDITIVES - SPECIFY:								
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:								
	DEPTH (FT)		BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)	
	FROM	TO							
	<b>0</b>	<b>110</b>	<b>10</b>	<b>PVC</b>	<b>Glue</b>	<b>5.993</b>	<b>0.316</b>	<b>NA</b>	
	<b>110</b>	<b>210</b>	<b>10</b>	<b>PVC</b>	<b>Glue</b>	<b>5.993</b>	<b>0.316</b>	<b>0.032</b>	
DEPTH (FT)		THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES).				YIELD (GPM)		
FROM	TO								
<b>170</b>	<b>210</b>	<b>20</b>	<b>Coarse sandstone - Red Tan</b>				<b>5</b>		
<b>190</b>	<b>210</b>	<b>20</b>	<b>Fine Silty tan Sand</b>						
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA <b>1 1/2 hp pump</b>						TOTAL ESTIMATED WELL YIELD (GPM) <b>5</b>			

FOR OSE INTERNAL USE

WELL RECORD &amp; LOG (Version 6/9/08)

FILE NUMBER <b>C-3535</b>	POD NUMBER <b>C-03535-Pod1</b>	TRN NUMBER <b>495562</b>
LOCATION <b>23.2826.3342343</b>		PAGE 1 OF 2

<b>5. SEAL AND PUMP</b>	TYPE OF PUMP: <input checked="" type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> JET <input type="checkbox"/> NO PUMP - WELL NOT EQUIPPED <input type="checkbox"/> TURBINE <input type="checkbox"/> CYLINDER <input type="checkbox"/> OTHER - SPECIFY:						
	ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT)		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
		FROM	TO				
		10	210	10	3/8 Vealmerc	66	Hand
<b>6. GEOLOGIC LOG OF WELL</b>	DEPTH (FT)		THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)		WATER BEARING?	
	FROM	TO					
	0	6	6	Limestone		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	6	20	14	Sandstone and light tan sand		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	20	75	55	Red Clay		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	75	90	15	White Gypsum		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	90	110	20	Tan/grey silt and clay		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	110	160	50	Light tan silty clay		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	160	170	10	Light tan sandy, silty clay		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	170	190	20	Coarse Sandstone - Red tan		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	190	210	20	Fine silty tan sand		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
						<input type="checkbox"/> YES	<input type="checkbox"/> NO
						<input type="checkbox"/> YES	<input type="checkbox"/> NO
	ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL						
	<b>7. TEST &amp; ADDITIONAL INFO</b>	WELL TEST    METHOD: <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> OTHER - SPECIFY:					
TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.							
<b>8. SIGNATURE</b>	ADDITIONAL STATEMENTS OR EXPLANATIONS:						
	Well Address: 208 Rabbit Hill Road						
	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:						
	 SIGNATURE OF DRILLER			4-23-2012 DATE			

FOR OSE INTERNAL USE

WELL RECORD &amp; LOG (Version 6/9/08)

FILE NUMBER C-3535

POD NUMBER C-03535-PAD1

TRN NUMBER 495562

LOCATION 23.28.25.3342343

PAGE 2 OF 2

## Locator Tool Report

### General Information:

Application ID:29                      Date: 05-14-2012                      Time: 16:20:15

WR File Number: C-03535-POD1  
Purpose: POINT OF DIVERSION

Applicant First Name: COLEY BURGESS NEW DOMESTIC  
Applicant Last Name: WELL LOG LOCATION

GW Basin: CARLSBAD  
County: EDDY

Critical Management Area Name(s): NONE  
Special Condition Area Name(s): NONE  
Land Grant Name: NON GRANT

### PLSS Description (New Mexico Principal Meridian):

NE 1/4 of SE 1/4 of SW 1/4 of SW 1/4 of Section 25, Township 23S, Range 28E.

### Coordinate System Details:

#### Geographic Coordinates:

Latitude: 32 Degrees 16 Minutes 11.6 Seconds N  
Longitude: 104 Degrees 2 Minutes 45.1 Seconds W

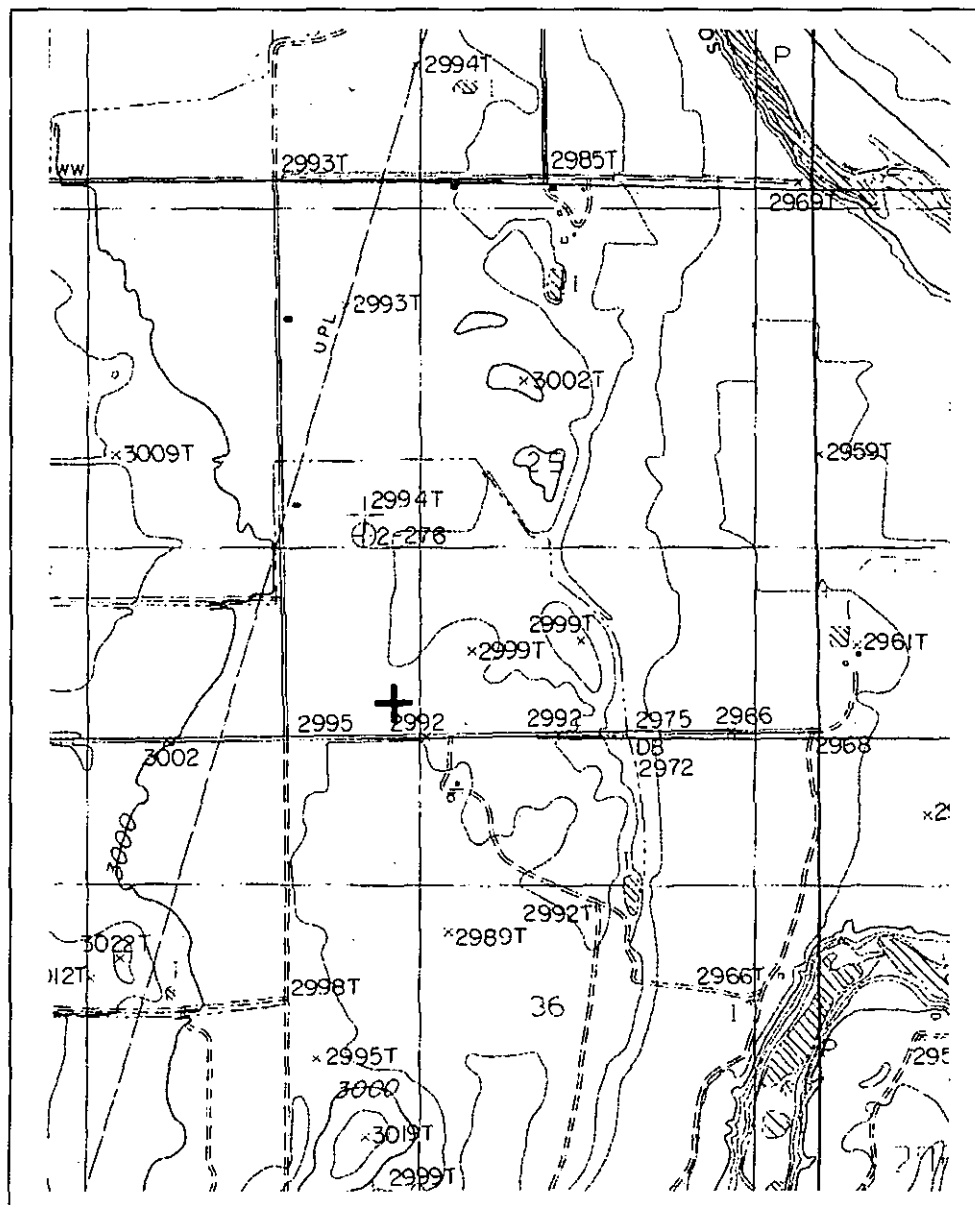
#### Universal Transverse Mercator Zone: 13N

NAD 1983(92) (Meters)	N: 3,570,751	E: 589,860
NAD 1983(92) (Survey Feet)	N: 11,715,039	E: 1,935,233
NAD 1927 (Meters)	N: 3,570,549	E: 589,909
NAD 1927 (Survey Feet)	N: 11,714,377	E: 1,935,392

#### State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 140,829	E: 192,082
NAD 1983(92) (Survey Feet)	N: 462,038	E: 630,189
NAD 1927 (Meters)	N: 140,811	E: 179,529
NAD 1927 (Survey Feet)	N: 461,978	E: 589,005

## Locator Tool Report





GW Basin: Carlsbad

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## APPENDIX C

### Soil Sampling Logs

								Sample Name: BH01		Date: 07/17/2024	
								Site Name: Culebra Bluff Central 26 Compressor Station Spill			
								Incident Number: nAPP2220225509			
								Job Number: 16332			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: EK		Method: Back Hoe	
Site Coordinates: 32.277719, -104.054400								Hole Diameter: N/A		Total Depth: 4.5'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes			
-	-	0				0.5	SP/SM	(0-4') SAND, dry, dark brown, poorly graded with silt, very fine-fine grain, no stain, no odor.			
-	-	0				1		(4-4.5') CALICHE, dry, tan, poorly graded with silt, very fine-coarse grain, no stain, no odor.			
-	-	0				2					
Dry	2092	27.5	No	BH01		3					
Dry	896	0.2	No		4	4					
Dry	216	0.1		BH01	4.5	4.5					
Total Depth											

								Sample Name: BH02		Date: 07/17/2024			
								Site Name: Culebra Bluff Central 26 Compressor Station Spill					
								Incident Number: nAPP2220225509					
								Job Number: 16332					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: EK		Method: Back Hoe			
Site Coordinates: 32.277700, -104.054369								Hole Diameter: N/A		Total Depth: 4.5'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	396	0.5	No	BH02		0.5	SP/SM	(0-4') SAND, dry, dark brown, poorly graded with silt, very fine-fine grain, no stain, no odor.					
Dry	484	0.2	No			1		(4-4.5') CALICHE, dry, tan, poorly graded with silt, very fine-coarse grain, no stain, no odor.					
Dry	396	0.3	No			2							
Dry	316	0	No			3							
Dry	352	0	No		4	4							
Dry	248	0		BH02	4.5	4.5							
Total Depth													



								Sample Name: BH03		Date: 07/17/2024			
								Site Name: Culebra Bluff Central 26 Compressor Station Spill					
								Incident Number: nAPP2220225509					
								Job Number: 16332					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: EK		Method: Back Hoe			
Site Coordinates: 32.277766, -104.054318								Hole Diameter: N/A		Total Depth: 4.5'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	316	0	No	BH03	0.5	0.5	SP/SM	(0-4') SAND, dry, dark brown, poorly graded with silt, very fine-fine grain, no stain, no odor.					
Dry	280	0	No		1	1		(4-4.5') CALICHE, dry, tan, poorly graded with silt, very fine-coarse grain, no stain, no odor.					
Dry	216	0	No		2	2							
Dry	216	0	No		3	3							
Dry	<124	0	No		4	4							
Dry	<124	0	No	BH03	4.5	4.5							
Total Depth													

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# APPENDIX D

## Photographic Log

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P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213



**PHOTOGRAPHIC LOG**

Chevron USA, Inc.  
Culebra Bluff Section 26 Compressor Station  
Eddy County, New Mexico  
Incident Number nAPP2220225509

Position: +032.277781° / -104.054348° (±11.6ft)  
Altitude: 3021ft (±9.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 106° S74E 1884mils True (±10°)  
Elevation Angle: -02.2°  
Horizon Angle: +03.4°  
Zoom: 0.5X  
Culebra 26 Compression station

**Photograph 1****Date: 07/17/2024**

Description: Southeastern view of Delineation activities

Position: +032.277787° / -104.054348° (±11.6ft)  
Altitude: 3024ft (±9.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 116° S62E 2008mils True (±12°)  
Elevation Angle: -04.1°  
Horizon Angle: +07.7°  
Zoom: 0.5X  
Culebra 26 Compression station

**Photograph 2****Date: 07/17/2024**

Description: Southeastern view of Delineation activities

Position: +032.277715° / -104.054261° (±15.1ft)  
Altitude: 3025ft (±11.6ft)  
Datum: WGS-84  
Azimuth/Bearing: 240° S60W 4267mils True (±12°)  
Elevation Angle: -07.2°  
Horizon Angle: +01.1°  
Zoom: 0.5X  
Culebra 26 Compression station

**Photograph 3****Date: 07/17/2024**

Description: Southwestern view of Delineation activities

Position: +032.277733° / -104.054304° (±12.4ft)  
Altitude: 3017ft (±9.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 088° N88E 1564mils True (±13°)  
Elevation Angle: -10.7°  
Horizon Angle: -00.9°  
Zoom: 0.5X  
Culebra 26 Compression station

**Photograph 4****Date: 07/17/2024**

Description: Northeastern view of Delineation activities

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# APPENDIX E

## Tables



**Table 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**Chevron USA, Inc.**  
**Culebra Bluff Central 26 Compressor Station**  
**Eddy County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Sample Depth (inches bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)				10	50	NE	NE	NE	100	600
Delineation Soil Samples - Incident Number nAPP2220225509										
Auger Hole 1	10/25/2023	0-0.5	0-6	0.00642	0.06002	321	6,440	17,500	24,200	66.9
Auger Hole 1	10/25/2023	1.5-2	18-24	<0.00114	<0.00227	<28.4	1,730	1,300	3,030	312
Auger Hole 2	10/25/2023	0-0.5	0-6	<0.00120	<0.00241	<30.1	666	48.6	715	265
Auger Hole 2	10/25/2023	1.5-2	18-24	<0.00111	<0.00222	<27.8	161	<27.8	161	1,400
Auger Hole 3	10/25/2023	0-0.5	0-6	<0.00114	<0.00227	<28.4	<28.4	<28.4	<28.4	333
Auger Hole 3	10/25/2023	1.5-2	18-24	<0.00120	<0.00241	<30.1	<30.1	<30.1	<30.1	160
Auger Hole 4	10/25/2023	0-0.5	0-6	<0.00110	<0.00220	<27.5	169	538	706	217
Auger Hole 4	10/25/2023	1.5-2	18-24	<0.00112	<0.00225	<28.1	199	<28.1	199	436
Auger Hole 5	10/25/2023	0-0.5	0-6	<0.00112	<0.00225	<28.1	800	2,330	3,130	22.3
North Auger Hole 1	11/08/2023	0-1	0-12	<0.00110	<0.00220	<25.0	<25.0	<25.0	<25.0	21.8
East Auger Hole - 2	11/08/2023	0-0.5	0-6	<0.00104	<0.00208	<25.0	<25.0	<25.0	<25.0	277
East Auger Hole - 3	11/08/2023	0-0.5	0-6	<0.00103	<0.00206	<25.0	<25.0	<25.0	<25.0	105
West Auger Hole	11/08/2023	0-1	0-12	<0.00110	<0.00220	<25.0	<25.0	<25.0	<25.0	1,000
West Auger Hole - 2	11/08/2023	0-1	0-12	<0.00105	<0.00211	<25.0	<25.0	<25.0	<25.0	1,420
West Auger Hole - 3	11/08/2023	0-1	0-12	<0.00110	<0.00220	<25.0	<25.0	<25.0	<25.0	219
West Auger Hole - 5	11/28/2023	1	12	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	70.9
East Auger Hole 4	11/28/2023	1	12	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	284
West Auger Hole - 6	11/28/2023	1	12	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	442
BH01	07/17/2024	3	36	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	2,410
BH01	07/17/2024	4.5	54	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	283

<div><div></div><div>Table 1 SOIL SAMPLE ANALYTICAL RESULTS Chevron USA, Inc. Culebra Bluff Central 26 Compressor Station Eddy County, New Mexico</div></div>										
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Sample Depth (inches bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)				10	50	NE	NE	NE	100	600
BH02	07/17/2024	0.5	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	200
BH02	07/17/2024	4.5	54	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
BH03	07/17/2024	0.5	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	234
BH03	07/17/2024	4.5	54	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	218

Notes:  
bgs: below ground surface  
mg/kg: milligrams per kilogram  
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes  
GRO: Gasoline Range Organics  
DRO: Diesel Range Organics  
ORO: Oil Range Organics  
TPH: Total Petroleum Hydrocarbon  
NMOCD: New Mexico Oil Conservation Division  
NMAC: New Mexico Administrative Code  
Text in "grey" represents excavated soil samples  
Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard<sup>†</sup> for Soils Impacted by a Release  
<sup>†</sup> The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

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## APPENDIX F

### Laboratory Analytical Reports & Chain-of-Custody Documentation

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report Rev. 1

**Prepared for:**

Blake Estep  
E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa, TX 79765

Project: Culebra Bluff Central 26

Project Number: 16332

Location: None Given

Lab Order Number: 3J27002



**Current Certification**

Report Date: 07/16/24



E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Auger Hole-1 @ 0"-6"	3J27002-01	Soil	10/25/23 12:00	10-27-2023 10:02
Auger Hole-1 @ 18"-24"	3J27002-02	Soil	10/25/23 12:02	10-27-2023 10:02
Auger Hole 2 @ 0"-6"	3J27002-03	Soil	10/25/23 12:04	10-27-2023 10:02
Auger Hole 2 @ 18"-24"	3J27002-04	Soil	10/25/23 12:06	10-27-2023 10:02
Auger Hole 3 @ 0"-6"	3J27002-05	Soil	10/25/23 12:08	10-27-2023 10:02
Auger Hole 3 @ 18"-24"	3J27002-06	Soil	10/25/23 12:10	10-27-2023 10:02
Auger Hole 4 @ 0"-6"	3J27002-07	Soil	10/25/23 12:12	10-27-2023 10:02
Auger Hole 4 @ 18"-24"	3J27002-08	Soil	10/25/23 12:14	10-27-2023 10:02
Auger Hole 5 @ 0"-6"	3J27002-09	Soil	10/25/23 12:16	10-27-2023 10:02

Revision/Submission Form Received 07/16/2024  
Can we rename some of the Samples to the following:  
North Wall to Auger Hole 2  
South Wall to Auger Hole 3  
East Wall to Auger Hole 4  
West Wall to Auger Hole 5

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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Auger Hole-1 @ 0"-6"  
3J27002-01 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	0.00642	0.00103	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:00	EPA 8021B
Toluene	0.0173	0.00103	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:00	EPA 8021B
Ethylbenzene	0.00260	0.00103	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:00	EPA 8021B
Xylene (p/m)	0.0280	0.00206	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:00	EPA 8021B
Xylene (o)	0.00570	0.00103	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:00	EPA 8021B
Surrogate: 4-Bromofluorobenzene	103 %	80-120		P3J2704	10/27/23 14:21	10/28/23 07:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.3 %	80-120		P3J2704	10/27/23 14:21	10/28/23 07:00	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	321	129	mg/kg dry	5	P3J2904	10/29/23 13:55	10/31/23 13:18	TX 1005
>C12-C28	6440	129	mg/kg dry	5	P3J2904	10/29/23 13:55	10/31/23 13:18	TX 1005
>C28-C35	17500	129	mg/kg dry	5	P3J2904	10/29/23 13:55	10/31/23 13:18	TX 1005
Surrogate: 1-Chlorooctane	102 %	70-130		P3J2904	10/29/23 13:55	10/31/23 13:18	TX 1005	
Surrogate: o-Terphenyl	115 %	70-130		P3J2904	10/29/23 13:55	10/31/23 13:18	TX 1005	
Total Hydrocarbon nC6-nC35	24200	129	mg/kg dry	5	[CALC]	10/29/23 13:55	10/31/23 13:18	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	66.9	1.03	mg/kg dry	1	P3J2706	10/27/23 16:19	10/28/23 01:54	EPA 300.0
% Moisture	3.0	0.1	%	1	P3J3007	10/30/23 10:49	10/30/23 10:52	ASTM D2216

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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Auger Hole-1 @ 18"-24"  
3J27002-02 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00114	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:24	EPA 8021B
Toluene	ND	0.00114	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:24	EPA 8021B
Ethylbenzene	ND	0.00114	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:24	EPA 8021B
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:24	EPA 8021B
Xylene (o)	ND	0.00114	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:24	EPA 8021B
Surrogate: 1,4-Difluorobenzene	93.4 %	80-120		P3J2704	10/27/23 14:21	10/28/23 07:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	115 %	80-120		P3J2704	10/27/23 14:21	10/28/23 07:24	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	28.4	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 02:57	TX 1005
>C12-C28	1730	28.4	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 02:57	TX 1005
>C28-C35	1300	28.4	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 02:57	TX 1005
Surrogate: 1-Chlorooctane	110 %	70-130		P3J2904	10/29/23 13:55	10/31/23 02:57	TX 1005	
Surrogate: o-Terphenyl	125 %	70-130		P3J2904	10/29/23 13:55	10/31/23 02:57	TX 1005	
Total Hydrocarbon nC6-nC35	3030	28.4	mg/kg dry	1	[CALC]	10/29/23 13:55	10/31/23 02:57	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	312	11.4	mg/kg dry	10	P3J2706	10/27/23 16:19	10/28/23 02:09	EPA 300.0
% Moisture	12.0	0.1	%	1	P3J3007	10/30/23 10:49	10/30/23 10:52	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

Auger Hole 2 @ 0"-6"  
3J27002-03 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00120	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:49	EPA 8021B
Toluene	ND	0.00120	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:49	EPA 8021B
Ethylbenzene	ND	0.00120	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:49	EPA 8021B
Xylene (p/m)	ND	0.00241	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:49	EPA 8021B
Xylene (o)	ND	0.00120	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 07:49	EPA 8021B
Surrogate: 1,4-Difluorobenzene	92.3 %	80-120		P3J2704	10/27/23 14:21	10/28/23 07:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	118 %	80-120		P3J2704	10/27/23 14:21	10/28/23 07:49	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	30.1	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 03:21	TX 1005
>C12-C28	666	30.1	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 03:21	TX 1005
>C28-C35	48.6	30.1	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 03:21	TX 1005
Surrogate: 1-Chlorooctane	116 %	70-130		P3J2904	10/29/23 13:55	10/31/23 03:21	TX 1005	
Surrogate: o-Terphenyl	131 %	70-130		P3J2904	10/29/23 13:55	10/31/23 03:21	TX 1005	S-GC
Total Hydrocarbon nC6-nC35	715	30.1	mg/kg dry	1	[CALC]	10/29/23 13:55	10/31/23 03:21	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	265	12.0	mg/kg dry	10	P3J2706	10/27/23 16:19	10/28/23 02:23	EPA 300.0
% Moisture	17.0	0.1	%	1	P3J3007	10/30/23 10:49	10/30/23 10:52	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

Auger Hole 2 @ 18"-24"  
3J27002-04 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00111	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:13	EPA 8021B
Toluene	ND	0.00111	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:13	EPA 8021B
Ethylbenzene	ND	0.00111	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:13	EPA 8021B
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:13	EPA 8021B
Xylene (o)	ND	0.00111	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:13	EPA 8021B
Surrogate: 1,4-Difluorobenzene	92.6 %	80-120		P3J2704	10/27/23 14:21	10/28/23 08:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	117 %	80-120		P3J2704	10/27/23 14:21	10/28/23 08:13	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	27.8	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 03:45	TX 1005
>C12-C28	161	27.8	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 03:45	TX 1005
>C28-C35	ND	27.8	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 03:45	TX 1005
Surrogate: 1-Chlorooctane	123 %	70-130		P3J2904	10/29/23 13:55	10/31/23 03:45	TX 1005	
Surrogate: o-Terphenyl	137 %	70-130		P3J2904	10/29/23 13:55	10/31/23 03:45	TX 1005	S-GC
Total Hydrocarbon nC6-nC35	161	27.8	mg/kg dry	1	[CALC]	10/29/23 13:55	10/31/23 03:45	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	1400	5.56	mg/kg dry	5	P3J2706	10/27/23 16:19	10/28/23 02:38	EPA 300.0
% Moisture	10.0	0.1	%	1	P3J3007	10/30/23 10:49	10/30/23 10:52	ASTM D2216

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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Auger Hole 3 @ 0"-6"  
3J27002-05 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00114	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:37	EPA 8021B
Toluene	ND	0.00114	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:37	EPA 8021B
Ethylbenzene	ND	0.00114	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:37	EPA 8021B
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:37	EPA 8021B
Xylene (o)	ND	0.00114	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 08:37	EPA 8021B
Surrogate: 1,4-Difluorobenzene	92.3 %	80-120		P3J2704	10/27/23 14:21	10/28/23 08:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	118 %	80-120		P3J2704	10/27/23 14:21	10/28/23 08:37	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	28.4	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 04:09	TX 1005
>C12-C28	ND	28.4	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 04:09	TX 1005
>C28-C35	ND	28.4	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 04:09	TX 1005
Surrogate: 1-Chlorooctane	120 %	70-130		P3J2904	10/29/23 13:55	10/31/23 04:09	TX 1005	
Surrogate: o-Terphenyl	134 %	70-130		P3J2904	10/29/23 13:55	10/31/23 04:09	TX 1005	S-GC
Total Hydrocarbon nC6-nC35	ND	28.4	mg/kg dry	1	[CALC]	10/29/23 13:55	10/31/23 04:09	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	333	11.4	mg/kg dry	10	P3J2706	10/27/23 16:19	10/28/23 03:20	EPA 300.0
% Moisture	12.0	0.1	%	1	P3J3007	10/30/23 10:49	10/30/23 10:52	ASTM D2216

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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Auger Hole 3 @ 18"-24"  
3J27002-06 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00120	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 09:02	EPA 8021B
Toluene	ND	0.00120	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 09:02	EPA 8021B
Ethylbenzene	ND	0.00120	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 09:02	EPA 8021B
Xylene (p/m)	ND	0.00241	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 09:02	EPA 8021B
Xylene (o)	ND	0.00120	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 09:02	EPA 8021B
Surrogate: 1,4-Difluorobenzene	93.2 %	80-120		P3J2704	10/27/23 14:21	10/28/23 09:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	119 %	80-120		P3J2704	10/27/23 14:21	10/28/23 09:02	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	30.1	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 04:33	TX 1005
>C12-C28	ND	30.1	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 04:33	TX 1005
>C28-C35	ND	30.1	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 04:33	TX 1005
Surrogate: 1-Chlorooctane	112 %	70-130		P3J2904	10/29/23 13:55	10/31/23 04:33	TX 1005	
Surrogate: o-Terphenyl	128 %	70-130		P3J2904	10/29/23 13:55	10/31/23 04:33	TX 1005	
Total Hydrocarbon nC6-nC35	ND	30.1	mg/kg dry	1	[CALC]	10/29/23 13:55	10/31/23 04:33	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	160	12.0	mg/kg dry	10	P3J2706	10/27/23 16:19	10/28/23 04:03	EPA 300.0
% Moisture	17.0	0.1	%	1	P3J3007	10/30/23 10:49	10/30/23 10:52	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

Auger Hole 4 @ 0"-6"  
3J27002-07 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00110	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:15	EPA 8021B
Toluene	ND	0.00110	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:15	EPA 8021B
Ethylbenzene	ND	0.00110	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:15	EPA 8021B
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:15	EPA 8021B
Xylene (o)	ND	0.00110	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:15	EPA 8021B
Surrogate: 4-Bromofluorobenzene	115 %	80-120		P3J2704	10/27/23 14:21	10/28/23 10:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.3 %	80-120		P3J2704	10/27/23 14:21	10/28/23 10:15	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	27.5	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 05:45	TX 1005
>C12-C28	169	27.5	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 05:45	TX 1005
>C28-C35	538	27.5	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 05:45	TX 1005
Surrogate: 1-Chlorooctane	115 %	70-130		P3J2904	10/29/23 13:55	10/31/23 05:45	TX 1005	
Surrogate: o-Terphenyl	129 %	70-130		P3J2904	10/29/23 13:55	10/31/23 05:45	TX 1005	
Total Hydrocarbon nC6-nC35	706	27.5	mg/kg dry	1	[CALC]	10/29/23 13:55	10/31/23 05:45	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	217	1.10	mg/kg dry	1	P3J2706	10/27/23 16:19	10/28/23 04:18	EPA 300.0
% Moisture	9.0	0.1	%	1	P3J3007	10/30/23 10:49	10/30/23 10:52	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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Auger Hole 4 @ 18"-24"  
3J27002-08 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00112	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:39	EPA 8021B
Toluene	ND	0.00112	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:39	EPA 8021B
Ethylbenzene	ND	0.00112	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:39	EPA 8021B
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:39	EPA 8021B
Xylene (o)	ND	0.00112	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 10:39	EPA 8021B
Surrogate: 1,4-Difluorobenzene	92.9 %	80-120		P3J2704	10/27/23 14:21	10/28/23 10:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	119 %	80-120		P3J2704	10/27/23 14:21	10/28/23 10:39	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	28.1	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 06:08	TX 1005
>C12-C28	199	28.1	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 06:08	TX 1005
>C28-C35	ND	28.1	mg/kg dry	1	P3J2904	10/29/23 13:55	10/31/23 06:08	TX 1005
Surrogate: 1-Chlorooctane	110 %	70-130		P3J2904	10/29/23 13:55	10/31/23 06:08	TX 1005	
Surrogate: o-Terphenyl	125 %	70-130		P3J2904	10/29/23 13:55	10/31/23 06:08	TX 1005	
Total Hydrocarbon nC6-nC35	199	28.1	mg/kg dry	1	[CALC]	10/29/23 13:55	10/31/23 06:08	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	436	11.2	mg/kg dry	10	P3J2706	10/27/23 16:19	10/28/23 04:32	EPA 300.0
% Moisture	11.0	0.1	%	1	P3J3007	10/30/23 10:49	10/30/23 10:52	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

Auger Hole 5 @ 0"-6"  
3J27002-09 (Soil)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEx by 8021B								
Benzene	ND	0.00112	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 11:04	EPA 8021B
Toluene	ND	0.00112	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 11:04	EPA 8021B
Ethylbenzene	ND	0.00112	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 11:04	EPA 8021B
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 11:04	EPA 8021B
Xylene (o)	ND	0.00112	mg/kg dry	1	P3J2704	10/27/23 14:21	10/28/23 11:04	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.0 %	80-120			P3J2704	10/27/23 14:21	10/28/23 11:04	EPA 8021B
Surrogate: 4-Bromofluorobenzene	115 %	80-120			P3J2704	10/27/23 14:21	10/28/23 11:04	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005								
C6-C12	ND	140	mg/kg dry	5	P3J2904	10/29/23 13:55	10/31/23 06:32	TX 1005
>C12-C28	800	140	mg/kg dry	5	P3J2904	10/29/23 13:55	10/31/23 06:32	TX 1005
>C28-C35	2330	140	mg/kg dry	5	P3J2904	10/29/23 13:55	10/31/23 06:32	TX 1005
Surrogate: 1-Chlorooctane	108 %	70-130			P3J2904	10/29/23 13:55	10/31/23 06:32	TX 1005
Surrogate: o-Terphenyl	124 %	70-130			P3J2904	10/29/23 13:55	10/31/23 06:32	TX 1005
Total Hydrocarbon nC6-nC35	3130	140	mg/kg dry	5	[CALC]	10/29/23 13:55	10/31/23 06:32	[CALC]

General Chemistry Parameters by EPA / Standard Methods								
Chloride	22.3	1.12	mg/kg dry	1	P3J2706	10/27/23 16:19	10/30/23 15:25	EPA 300.0
% Moisture	11.0	0.1	%	1	P3J3007	10/30/23 10:49	10/30/23 10:52	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3J2704 - \*\*\* DEFAULT PREP \*\*\*

Blank (P3J2704-BLK1)		Prepared: 10/27/23 Analyzed: 10/28/23								
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.139		"	0.120		116	80-120			

LCS (P3J2704-BS1)		Prepared: 10/27/23 Analyzed: 10/28/23								
Benzene	0.114	0.00100	mg/kg	0.100		114	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120			
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.132		"	0.120		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.8	80-120			

LCS Dup (P3J2704-BSD1)		Prepared: 10/27/23 Analyzed: 10/28/23								
Benzene	0.115	0.00100	mg/kg	0.100		115	80-120	1.03	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	0.179	20	
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120	0.244	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120	0.445	20	
Xylene (o)	0.0971	0.00100	"	0.100		97.1	80-120	0.226	20	
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.134		"	0.120		112	80-120			

Calibration Blank (P3J2704-CCB1)		Prepared: 10/27/23 Analyzed: 10/28/23								
Benzene	0.270		ug/kg							
Toluene	0.200		"							
Ethylbenzene	0.0900		"							
Xylene (p/m)	0.370		"							
Xylene (o)	0.140		"							
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.138		"	0.120		115	80-120			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3J2704 - \*\*\* DEFAULT PREP \*\*\*

Calibration Blank (P3J2704-CCB2)				Prepared: 10/27/23 Analyzed: 10/28/23						
Benzene	0.230		ug/kg							
Toluene	0.130		"							
Ethylbenzene	0.200		"							
Xylene (p/m)	0.340		"							
Xylene (o)	0.370		"							
Surrogate: 4-Bromofluorobenzene	0.143		"	0.120		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.4	80-120			

Calibration Check (P3J2704-CCV1)				Prepared: 10/27/23 Analyzed: 10/28/23						
Benzene	0.118	0.00100	mg/kg	0.100		118	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.221	0.00200	"	0.200		111	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	75-125			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.1	75-125			

Calibration Check (P3J2704-CCV2)				Prepared: 10/27/23 Analyzed: 10/28/23						
Benzene	0.118	0.00100	mg/kg	0.100		118	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.138		"	0.120		115	75-125			

Calibration Check (P3J2704-CCV3)				Prepared: 10/27/23 Analyzed: 10/28/23						
Benzene	0.120	0.00100	mg/kg	0.100		120	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.138		"	0.120		115	75-125			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.6	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3J2704 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike (P3J2704-MS1)		Source: 3J27001-21		Prepared: 10/27/23		Analyzed: 10/28/23				
Benzene	0.103	0.00112	mg/kg dry	0.112	0.0721	27.5	80-120			QM-05
Toluene	0.311	0.00112	"	0.112	0.388	NR	80-120			QM-05
Ethylbenzene	0.144	0.00112	"	0.112	0.420	NR	80-120			QM-05
Xylene (p/m)	0.694	0.00225	"	0.225	3.26	NR	80-120			QM-05
Xylene (o)	0.266	0.00112	"	0.112	1.15	NR	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.153		"	0.135		114	80-120			
Surrogate: 1,4-Difluorobenzene	0.0936		"	0.135		69.4	80-120			S-04
Matrix Spike Dup (P3J2704-MSD1)		Source: 3J27001-21		Prepared: 10/27/23		Analyzed: 10/28/23				
Benzene	0.0976	0.00112	mg/kg dry	0.112	0.0721	22.7	80-120	19.1	20	QM-05
Toluene	0.301	0.00112	"	0.112	0.388	NR	80-120	NR	20	QM-05
Ethylbenzene	0.129	0.00112	"	0.112	0.420	NR	80-120	NR	20	QM-05
Xylene (p/m)	0.648	0.00225	"	0.225	3.26	NR	80-120	NR	20	QM-05
Xylene (o)	0.245	0.00112	"	0.112	1.15	NR	80-120	NR	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.151		"	0.135		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.0955		"	0.135		70.8	80-120			S-04

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Culebra Bluff Central 26  
Project Number: 16332  
Project Manager: Blake Estep

**Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005 - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P3J2904 - TX 1005**

**Blank (P3J2904-BLK1)**

Prepared: 10/29/23 Analyzed: 10/31/23

C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	74.6		"	50.0		149	70-130			S-GC

**LCS (P3J2904-BS1)**

Prepared: 10/29/23 Analyzed: 10/30/23

C6-C12	1150	25.0	mg/kg	1000		115	75-125			
>C12-C28	1070	25.0	"	1000		107	75-125			
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	64.9		"	50.0		130	70-130			

**LCS Dup (P3J2904-BSD1)**

Prepared: 10/29/23 Analyzed: 10/30/23

C6-C12	1190	25.0	mg/kg	1000		119	75-125	3.35	20	
>C12-C28	1120	25.0	"	1000		112	75-125	3.98	20	
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	66.3		"	50.0		133	70-130			S-GC

**Calibration Check (P3J2904-CCV1)**

Prepared: 10/29/23 Analyzed: 10/30/23

C6-C12	551	25.0	mg/kg	500		110	85-115			
>C12-C28	448	25.0	"	500		89.6	85-115			
Surrogate: 1-Chlorooctane	125		"	100		125	70-130			
Surrogate: o-Terphenyl	66.9		"	50.0		134	70-130			S-GC

**Calibration Check (P3J2904-CCV2)**

Prepared: 10/29/23 Analyzed: 10/31/23

C6-C12	547	25.0	mg/kg	500		109	85-115			
>C12-C28	456	25.0	"	500		91.1	85-115			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	65.4		"	50.0		131	70-130			S-GC

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005 - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3J2904 - TX 1005

Calibration Check (P3J2904-CCV3)				Prepared: 10/29/23 Analyzed: 10/31/23						
C6-C12	547	25.0	mg/kg	500		109	85-115			
>C12-C28	495	25.0	"	500		99.0	85-115			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	64.8		"	50.0		130	70-130			
Duplicate (P3J2904-DUP1)				Source: 3J27005-01 Prepared: 10/29/23 Analyzed: 10/31/23						
C6-C12	ND	26.9	mg/kg dry		25.4				20	
>C12-C28	17.4	26.9	"		20.7			17.2	20	
Surrogate: 1-Chlorooctane	120		"	108		112	70-130			
Surrogate: o-Terphenyl	66.5		"	53.8		124	70-130			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3J2706 - *** DEFAULT PREP ***										
Blank (P3J2706-BLK1)				Prepared & Analyzed: 10/27/23						
Chloride	ND	1.00	mg/kg							
LCS (P3J2706-BS1)				Prepared & Analyzed: 10/27/23						
Chloride	20.2		mg/kg	20.0		101	90-110			
LCS Dup (P3J2706-BSD1)				Prepared & Analyzed: 10/27/23						
Chloride	18.5		mg/kg	20.0		92.4	90-110	9.03	10	
Calibration Check (P3J2706-CCV1)				Prepared & Analyzed: 10/27/23						
Chloride	18.8		mg/kg	20.0		93.9	90-110			
Calibration Check (P3J2706-CCV2)				Prepared: 10/27/23 Analyzed: 10/28/23						
Chloride	20.0		mg/kg	20.0		99.8	90-110			
Matrix Spike (P3J2706-MS1)				Source: 3J27001-19 Prepared: 10/27/23 Analyzed: 10/28/23						
Chloride	102		mg/kg	100	0.0630	102	80-120			
Matrix Spike (P3J2706-MS2)				Source: 3J27002-05 Prepared: 10/27/23 Analyzed: 10/28/23						
Chloride	104		mg/kg	100	1.17	103	80-120			
Matrix Spike Dup (P3J2706-MSD1)				Source: 3J27001-19 Prepared: 10/27/23 Analyzed: 10/28/23						
Chloride	102		mg/kg	100	0.0630	102	80-120	0.0850	20	
Matrix Spike Dup (P3J2706-MSD2)				Source: 3J27002-05 Prepared: 10/27/23 Analyzed: 10/28/23						
Chloride	102		mg/kg	100	1.17	101	80-120	1.78	20	
Batch P3J3007 - *** DEFAULT PREP ***										
Blank (P3J3007-BLK1)				Prepared & Analyzed: 10/30/23						
% Moisture	ND	0.1	%							

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3J3007 - *** DEFAULT PREP ***										
Blank (P3J3007-BLK2)				Prepared & Analyzed: 10/30/23						
% Moisture	ND	0.1	%							
Duplicate (P3J3007-DUP1)				Source: 3J27001-10 Prepared & Analyzed: 10/30/23						
% Moisture	23.0	0.1	%	22.0				4.44	20	
Duplicate (P3J3007-DUP2)				Source: 3J27001-20 Prepared & Analyzed: 10/30/23						
% Moisture	17.0	0.1	%	22.0				25.6	20	R3
Duplicate (P3J3007-DUP3)				Source: 3J27005-01 Prepared & Analyzed: 10/30/23						
% Moisture	7.0	0.1	%	7.0				0.00	20	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Culebra Bluff Central 26  
Project Number: 16332  
Project Manager: Blake Estep

### Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

7/16/2024

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Culebra Bluff Central 26  
Project Number: 16332  
Project Manager: Blake Estep

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If you have received this material in error, please notify us immediately at 432-686-7235.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

10/1

Project Manager: **BLAKE ESTEP**Company Name: **Etech Environmental & Safety Solutions, Inc.**Company Address: **P.O. Box 62228**City/State/Zip: **Midland, Texas 79711**Sampler Signature:  email: **blake@etechenv.com**

Project Name: Culbka Bluff Central 26 Comms Station  
 Project #: 16332 Project Loc: PO#: 16332

☒ Bill Etech

Report Format: STANDARD TRAP APPENDIX

Analyze For:

(lab use only)  
ORDER #: **3727002**

Preservation &amp; # of Containers

LAB # (lab use only)

FIELD CODE

Start Depth

End Depth

Date Sampled

Time Sampled

No. of Containers

Ice

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: 4180 8015M 1005 1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCO<sub>3</sub>)

SAR / ESP / CEC

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semi volatiles

BTEX 8021B/6030 or BTEX 8260

RCI

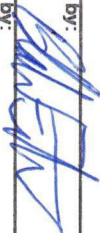
N.O.R.M.

Chlorides

RUSH TAT(Pre-Schedule) 24, 48, 72 hrs

STANDARD TAT

Special Instructions:

Relinquished by:  Date: 10-27-23 Time: 10:02 Received by: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Custody seals on container(s)

Sample Hand Delivered

Sar by Sampler/Client Rep.?

Sar by Courier?

Temperature Upon Receipt:

Y Y Y Y Y

N N N N N

N N N N N

N N N N N

N N N N N

N N N N N

N N N N N

N N N N N





DOC #: PBEL\_REV\_SUBMISSION

REVISION #: PBEL\_2021\_1

REVISION Date: 10/29/2021

EFFECTIVE DATE: 10/29/2021

## REVISION/SUBMISSION FORM

Please fill in the required fields below with any requested revisions. In the event that there are multiple workorders or projects to be amended each workorder or project MUST have a separate form filled out entirely. An amended COC must be submitted in addition to the Revision/Submission Form in order for the amendments to be processed. Amended COC's do not replace the requirement of this form. If a revision is required due to errors or omissions on our part this form is still required for the necessary Non-Conformance documentation. Rerun requests will incur additional charges.

Client: Etech Environmental

Project: 3J27002

### Revision Request:

Can we rename some of the samples to the following:

North Wall to Auger Hole 2

South Wall to Auger Hole 3

East Wall to Auger Hole 4

West Wall to Auger Hole 5

Submitted by (Name and Date): Blake Estep 7/16/2024

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report

**Prepared for:**

Blake Estep  
E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa, TX 79765

Project: Culebra Bluff Central 26

Project Number: 16332

Location: None Given

Lab Order Number: 3K09007



**Current Certification**

Report Date: 11/16/23

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
West Auger Hole @ 0-12"	3K09007-01	Soil	11/08/23 10:10	11-09-2023 15:30
North Auger Hole- 1 @ 0-12"	3K09007-02	Soil	11/08/23 10:15	11-09-2023 15:30
East Auger Hole- 3 @ 0-12"	3K09007-03	Soil	11/08/23 10:20	11-09-2023 15:30
East Auger Hole- 2 @ 0-12"	3K09007-04	Soil	11/08/23 10:26	11-09-2023 15:30
West Auger Hole- 2 @ 0-12"	3K09007-05	Soil	11/08/23 10:31	11-09-2023 15:30
West Auger Hole- 3 @ 0-12"	3K09007-06	Soil	11/08/23 10:40	11-09-2023 15:30

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

West Auger Hole @ 0-12"  
3K09007-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/14/23 23:44	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/14/23 23:44	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/14/23 23:44	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P3K1412	11/14/23 13:25	11/14/23 23:44	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/14/23 23:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	107 %		80-120		P3K1412	11/14/23 13:25	11/14/23 23:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.2 %		80-120		P3K1412	11/14/23 13:25	11/14/23 23:44	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 07:04	TX 1005	
>C12-C28	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 07:04	TX 1005	
>C28-C35	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 07:04	TX 1005	
Surrogate: 1-Chlorooctane	85.6 %		70-130		P3K1416	11/14/23 15:00	11/15/23 07:04	TX 1005	
Surrogate: o-Terphenyl	110 %		70-130		P3K1416	11/14/23 15:00	11/15/23 07:04	TX 1005	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1000	5.49	mg/kg dry	5	P3K1004	11/10/23 11:51	11/14/23 03:56	EPA 300.0	
% Moisture	9.0	0.1	%	1	P3K1001	11/10/23 10:15	11/10/23 10:19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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North Auger Hole- 1 @ 0-12"  
3K09007-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:08	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:08	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:08	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:08	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.1 %		80-120		P3K1412	11/14/23 13:25	11/15/23 00:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	108 %		80-120		P3K1412	11/14/23 13:25	11/15/23 00:08	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 07:28	TX 1005	
>C12-C28	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 07:28	TX 1005	
>C28-C35	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 07:28	TX 1005	
Surrogate: 1-Chlorooctane	85.4 %		70-130		P3K1416	11/14/23 15:00	11/15/23 07:28	TX 1005	
Surrogate: o-Terphenyl	108 %		70-130		P3K1416	11/14/23 15:00	11/15/23 07:28	TX 1005	

General Chemistry Parameters by EPA / Standard Methods

Chloride	21.8	1.10	mg/kg dry	1	P3K1004	11/10/23 11:51	11/14/23 04:39	EPA 300.0	
% Moisture	9.0	0.1	%	1	P3K1001	11/10/23 10:15	11/10/23 10:19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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East Auger Hole- 3 @ 0-12"  
3K09007-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:33	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:33	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:33	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:33	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.7 %		80-120		P3K1412	11/14/23 13:25	11/15/23 00:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	107 %		80-120		P3K1412	11/14/23 13:25	11/15/23 00:33	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 07:53	TX 1005	
>C12-C28	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 07:53	TX 1005	
>C28-C35	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 07:53	TX 1005	
Surrogate: 1-Chlorooctane	81.4 %		70-130		P3K1416	11/14/23 15:00	11/15/23 07:53	TX 1005	
Surrogate: o-Terphenyl	100 %		70-130		P3K1416	11/14/23 15:00	11/15/23 07:53	TX 1005	

General Chemistry Parameters by EPA / Standard Methods

Chloride	105	1.03	mg/kg dry	1	P3K1004	11/10/23 11:51	11/14/23 04:53	EPA 300.0	
% Moisture	3.0	0.1	%	1	P3K1001	11/10/23 10:15	11/10/23 10:19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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East Auger Hole- 2 @ 0-12"  
3K09007-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:57	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:57	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:57	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:57	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 00:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.8 %		80-120		P3K1412	11/14/23 13:25	11/15/23 00:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	109 %		80-120		P3K1412	11/14/23 13:25	11/15/23 00:57	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 08:17	TX 1005	
>C12-C28	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 08:17	TX 1005	
>C28-C35	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 08:17	TX 1005	
Surrogate: 1-Chlorooctane	70.5 %		70-130		P3K1416	11/14/23 15:00	11/15/23 08:17	TX 1005	
Surrogate: o-Terphenyl	88.8 %		70-130		P3K1416	11/14/23 15:00	11/15/23 08:17	TX 1005	

General Chemistry Parameters by EPA / Standard Methods

Chloride	277	1.04	mg/kg dry	1	P3K1004	11/10/23 11:51	11/14/23 05:08	EPA 300.0	
% Moisture	4.0	0.1	%	1	P3K1001	11/10/23 10:15	11/10/23 10:19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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West Auger Hole- 2 @ 0-12"  
3K09007-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00105	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:10	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:10	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:10	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:10	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	109 %		80-120		P3K1412	11/14/23 13:25	11/15/23 02:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.9 %		80-120		P3K1412	11/14/23 13:25	11/15/23 02:10	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 08:42	TX 1005	
>C12-C28	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 08:42	TX 1005	
>C28-C35	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 08:42	TX 1005	
Surrogate: 1-Chlorooctane	71.0 %		70-130		P3K1416	11/14/23 15:00	11/15/23 08:42	TX 1005	
Surrogate: o-Terphenyl	90.0 %		70-130		P3K1416	11/14/23 15:00	11/15/23 08:42	TX 1005	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1420	5.26	mg/kg dry	5	P3K1004	11/10/23 11:51	11/14/23 05:22	EPA 300.0	
% Moisture	5.0	0.1	%	1	P3K1001	11/10/23 10:15	11/10/23 10:19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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West Auger Hole- 3 @ 0-12"  
3K09007-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:35	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:35	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:35	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:35	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P3K1412	11/14/23 13:25	11/15/23 02:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.2 %		80-120		P3K1412	11/14/23 13:25	11/15/23 02:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	111 %		80-120		P3K1412	11/14/23 13:25	11/15/23 02:35	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005

C6-C12	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 09:06	TX 1005	
>C12-C28	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 09:06	TX 1005	
>C28-C35	ND	25.0	mg/kg	1	P3K1416	11/14/23 15:00	11/15/23 09:06	TX 1005	
Surrogate: 1-Chlorooctane	71.9 %		70-130		P3K1416	11/14/23 15:00	11/15/23 09:06	TX 1005	
Surrogate: o-Terphenyl	92.3 %		70-130		P3K1416	11/14/23 15:00	11/15/23 09:06	TX 1005	

General Chemistry Parameters by EPA / Standard Methods

Chloride	219	1.10	mg/kg dry	1	P3K1004	11/10/23 11:51	11/14/23 05:36	EPA 300.0	
% Moisture	9.0	0.1	%	1	P3K1001	11/10/23 10:15	11/10/23 10:19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
---	--

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3K1412 - \*\*\* DEFAULT PREP \*\*\*

Blank (P3K1412-BLK1)				Prepared & Analyzed: 11/14/23						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		91.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			

LCS (P3K1412-BS1)				Prepared & Analyzed: 11/14/23						
Benzene	0.109	0.00100	mg/kg	0.100		109	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		92.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	80-120			

LCS Dup (P3K1412-BSD1)				Prepared & Analyzed: 11/14/23						
Benzene	0.110	0.00100	mg/kg	0.100		110	80-120	0.402	20	
Toluene	0.112	0.00100	"	0.100		112	80-120	1.92	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	0.494	20	
Xylene (p/m)	0.219	0.00200	"	0.200		110	80-120	1.37	20	
Xylene (o)	0.103	0.00100	"	0.100		103	80-120	1.18	20	
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		91.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			

Calibration Check (P3K1412-CCV1)				Prepared & Analyzed: 11/14/23						
Benzene	0.111	0.00100	mg/kg	0.100		111	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	75-125			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Culebra Bluff Central 26  
Project Number: 16332  
Project Manager: Blake Estep

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P3K1412 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Check (P3K1412-CCV2)**

Prepared: 11/14/23 Analyzed: 11/15/23

Benzene	0.117	0.00100	mg/kg	0.100		117	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.227	0.00200	"	0.200		113	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	75-125			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.5	75-125			

**Calibration Check (P3K1412-CCV3)**

Prepared: 11/14/23 Analyzed: 11/15/23

Benzene	0.118	0.00100	mg/kg	0.100		118	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.225	0.00200	"	0.200		113	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	75-125			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	75-125			

**Matrix Spike (P3K1412-MS1)**

Source: 3K13007-06

Prepared: 11/14/23 Analyzed: 11/15/23

Benzene	0.112	0.00123	mg/kg dry	0.123	ND	90.7	80-120			
Toluene	0.0983	0.00123	"	0.123	ND	79.6	80-120			QM-05
Ethylbenzene	0.0933	0.00123	"	0.123	ND	75.6	80-120			QM-05
Xylene (p/m)	0.182	0.00247	"	0.247	ND	73.7	80-120			QM-05
Xylene (o)	0.0827	0.00123	"	0.123	ND	67.0	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	0.142		"	0.148		95.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.160		"	0.148		108	80-120			

**Matrix Spike Dup (P3K1412-MSD1)**

Source: 3K13007-06

Prepared: 11/14/23 Analyzed: 11/15/23

Benzene	0.116	0.00123	mg/kg dry	0.123	ND	94.1	80-120	3.65	20	
Toluene	0.102	0.00123	"	0.123	ND	82.7	80-120	3.78	20	
Ethylbenzene	0.0988	0.00123	"	0.123	ND	80.0	80-120	5.67	20	
Xylene (p/m)	0.191	0.00247	"	0.247	ND	77.2	80-120	4.72	20	QM-05
Xylene (o)	0.0829	0.00123	"	0.123	ND	67.2	80-120	0.298	20	QM-05
Surrogate: 1,4-Difluorobenzene	0.142		"	0.148		95.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.156		"	0.148		105	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005 - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3K1416 - TX 1005

Blank (P3K1416-BLK1)		Prepared: 11/14/23 Analyzed: 11/15/23								
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	87.5		"	100		87.5	70-130			
Surrogate: o-Terphenyl	53.8		"	50.0		108	70-130			

LCS (P3K1416-BS1)		Prepared: 11/14/23 Analyzed: 11/15/23								
C6-C12	932	25.0	mg/kg	1000		93.2	75-125			
>C12-C28	917	25.0	"	1000		91.7	75-125			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	52.7		"	50.0		105	70-130			

LCS Dup (P3K1416-BSD1)		Prepared: 11/14/23 Analyzed: 11/15/23								
C6-C12	934	25.0	mg/kg	1000		93.4	75-125	0.167	20	
>C12-C28	920	25.0	"	1000		92.0	75-125	0.294	20	
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	51.5		"	50.0		103	70-130			

Calibration Check (P3K1416-CCV1)		Prepared: 11/14/23 Analyzed: 11/15/23								
C6-C12	533	25.0	mg/kg	500		107	85-115			
>C12-C28	567	25.0	"	500		113	85-115			
>C28-C35	ND	25.0	"	500			0-200			
Surrogate: 1-Chlorooctane	98.6		"	100		98.6	70-130			
Surrogate: o-Terphenyl	50.3		"	50.0		101	70-130			

Matrix Spike (P3K1416-MS1)		Source: 3K15006-02	Prepared & Analyzed: 11/15/23							
C6-C12	1090	25.0	mg/kg	1000	16.6	107	75-125			
>C12-C28	1080	25.0	"	1000	7.76	108	75-125			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	54.5		"	50.0		109	70-130			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

Total Petroleum Hydrocarbons C6-C35 by TNRCC Method 1005 - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3K1416 - TX 1005

Matrix Spike Dup (P3K1416-MSD1)	Source: 3K15006-02			Prepared & Analyzed: 11/15/23						
C6-C12	1080	25.0	mg/kg	1000	16.6	106	75-125	0.932	20	
>C12-C28	1080	25.0	"	1000	7.76	107	75-125	0.535	20	
Surrogate: 1-Chlorooctane	123		"	100		123	70-130			
Surrogate: o-Terphenyl	57.6		"	50.0		115	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3K1001 - *** DEFAULT PREP ***										
Blank (P3K1001-BLK1)				Prepared & Analyzed: 11/10/23						
% Moisture	ND	0.1	%							
Blank (P3K1001-BLK2)				Prepared & Analyzed: 11/10/23						
% Moisture	ND	0.1	%							
Duplicate (P3K1001-DUP1)				Source: 3K09001-09		Prepared & Analyzed: 11/10/23				
% Moisture	18.0	0.1	%		16.0			11.8	20	
Duplicate (P3K1001-DUP2)				Source: 3K09004-02		Prepared & Analyzed: 11/10/23				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P3K1001-DUP3)				Source: 3K09005-05		Prepared & Analyzed: 11/10/23				
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P3K1001-DUP4)				Source: 3K09007-06		Prepared & Analyzed: 11/10/23				
% Moisture	10.0	0.1	%		9.0			10.5	20	
Batch P3K1004 - *** DEFAULT PREP ***										
Blank (P3K1004-BLK1)				Prepared: 11/10/23 Analyzed: 11/14/23						
Chloride	ND	1.00	mg/kg							
LCS (P3K1004-BS1)				Prepared: 11/10/23 Analyzed: 11/13/23						
Chloride	18.6		mg/kg	20.0		93.1	90-110			
LCS Dup (P3K1004-BSD1)				Prepared: 11/10/23 Analyzed: 11/14/23						
Chloride	18.3		mg/kg	20.0		91.3	90-110	1.94	10	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3K1004 - *** DEFAULT PREP ***										
Calibration Check (P3K1004-CCV1)				Prepared: 11/10/23 Analyzed: 11/13/23						
Chloride	19.1		mg/kg	20.0		95.7	90-110			
Calibration Check (P3K1004-CCV2)				Prepared: 11/10/23 Analyzed: 11/14/23						
Chloride	19.4		mg/kg	20.0		96.9	90-110			
Matrix Spike (P3K1004-MS1)				Source: 3K09001-01 Prepared: 11/10/23 Analyzed: 11/14/23						
Chloride	98.6		mg/kg	100	4.71	93.9	80-120			
Matrix Spike (P3K1004-MS2)				Source: 3K09007-01 Prepared: 11/10/23 Analyzed: 11/14/23						
Chloride	112		mg/kg	100	18.2	94.0	80-120			
Matrix Spike Dup (P3K1004-MSD1)				Source: 3K09001-01 Prepared: 11/10/23 Analyzed: 11/14/23						
Chloride	98.7		mg/kg	100	4.71	94.0	80-120	0.0993	20	
Matrix Spike Dup (P3K1004-MSD2)				Source: 3K09007-01 Prepared: 11/10/23 Analyzed: 11/14/23						
Chloride	111		mg/kg	100	18.2	92.8	80-120	1.03	20	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Culebra Bluff Central 26  
Project Number: 16332  
Project Manager: Blake Estep

### Notes and Definitions

ROI Received on Ice

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

NPBEL C Chain of Custody was not generated at PBELAB

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

11/16/2023

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Culebra Bluff Central 26  
Project Number: 16332  
Project Manager: Blake Estep

Permian Basin Environmental Lab, L.P.

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**PBBI LAB**

Permian Basin Environmental Lab, LP

1100 Rankin Hwy

Midland, Texas 79701

Phone: 1-824-686-7235

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

(Chevron)

Project Manager: Blake EstepCompany Name: Etech Environmental & Safety Solutions, Inc.Company Address: P.O. Box 62228City/State/Zip: Midland, Texas 79711Sampler Signature: [Signature]email: blake@etechenv.com

Project Name: Culebra Bluff Central 26 comp  
 Project #: 16332 Project loc: New Mexico  
 Area: PO#: 16332

☒ Bill EtechReport Format: STANDARD ☐ TRRP ☐ NPDES ☐

Analyze For:

(lab use only)  
ORDER #: 31K09007

Preservation &amp; # of Containers

Matrix

LAB # (lab use only)

FIELD CODE

Start Depth

End Depth

Date Sampled

Time Sampled

No. of Containers

Ice

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater ~~Soil/Solids~~

NP=Non-Potable Specify Other

TPH: 418.1 8015M 1005 1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCO<sub>3</sub>)

SAR / ESP / CEC

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semi volatiles

~~BTEX 802~~ 8030 or BTEX 8260

RCI

N.O.R.M.

Chlorides

RUSH TAT(Pre-Schedule) 24, 48, 72 hrs

STANDARD TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

Time

Received by:

Laboratory Comments:

Sample Containers intact?

VOCs Free of Headspace?

Custody seals on container(s)

Custody seals on cooler(s)

Sample Hand Delivered

SAR by Sampler/Client Rep.?

SAR by Courier?

UPS

DHL

FedEx

Lone Star

Temp

°C

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report

**Prepared for:**

Blake Estep  
E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa, TX 79765

Project: Culebra Bluff Central 26

Project Number: 16332

Location: None Given

Lab Order Number: 3K30008



**Current Certification**

Report Date: 12/05/23



E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
West Auger Hole 5 @ 12"	3K30008-01	Soil	11/28/23 11:15	11-30-2023 16:18
East Auger Hole 4 @ 12"	3K30008-02	Soil	11/28/23 11:20	11-30-2023 16:18
West Auger Hole 6 @ 12"	3K30008-03	Soil	11/28/23 11:25	11-30-2023 16:18

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

West Auger Hole 5 @ 12"

3K30008-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 22:44	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 22:44	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 22:44	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 22:44	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 22:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	115 %		80-120		P3L0310	12/03/23 16:38	12/03/23 22:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.5 %		80-120		P3L0310	12/03/23 16:38	12/03/23 22:44	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3L0303	12/03/23 14:18	12/03/23 14:31	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3L0303	12/03/23 14:18	12/03/23 14:31	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3L0303	12/03/23 14:18	12/03/23 14:31	TPH 8015M	
Surrogate: 1-Chlorooctane	87.3 %		70-130		P3L0303	12/03/23 14:18	12/03/23 14:31	TPH 8015M	
Surrogate: o-Terphenyl	97.1 %		70-130		P3L0303	12/03/23 14:18	12/03/23 14:31	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	12/03/23 14:18	12/03/23 14:31	calc	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	70.9	1.05	mg/kg dry	1	P3L0107	12/01/23 15:22	12/03/23 04:02	EPA 300.0	
% Moisture	5.0	0.1	%	1	P3L0104	12/01/23 09:49	12/01/23 10:07	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

East Auger Hole 4 @ 12"  
3K30008-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:08	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:08	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:08	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:08	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.7 %		80-120		P3L0310	12/03/23 16:38	12/03/23 23:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	118 %		80-120		P3L0310	12/03/23 16:38	12/03/23 23:08	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P3L0303	12/03/23 14:18	12/03/23 14:55	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3L0303	12/03/23 14:18	12/03/23 14:55	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3L0303	12/03/23 14:18	12/03/23 14:55	TPH 8015M	
Surrogate: 1-Chlorooctane	78.4 %		70-130		P3L0303	12/03/23 14:18	12/03/23 14:55	TPH 8015M	
Surrogate: o-Terphenyl	85.8 %		70-130		P3L0303	12/03/23 14:18	12/03/23 14:55	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	12/03/23 14:18	12/03/23 14:55	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	284	1.04	mg/kg dry	1	P3L0107	12/01/23 15:22	12/03/23 04:17	EPA 300.0	
% Moisture	4.0	0.1	%	1	P3L0104	12/01/23 09:49	12/01/23 10:07	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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West Auger Hole 6 @ 12"  
3K30008-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:32	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:32	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:32	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:32	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3L0310	12/03/23 16:38	12/03/23 23:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	116 %	80-120			P3L0310	12/03/23 16:38	12/03/23 23:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.4 %	80-120			P3L0310	12/03/23 16:38	12/03/23 23:32	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P3L0303	12/03/23 14:18	12/03/23 15:19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3L0303	12/03/23 14:18	12/03/23 15:19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3L0303	12/03/23 14:18	12/03/23 15:19	TPH 8015M	
Surrogate: 1-Chlorooctane	82.0 %	70-130			P3L0303	12/03/23 14:18	12/03/23 15:19	TPH 8015M	
Surrogate: o-Terphenyl	89.4 %	70-130			P3L0303	12/03/23 14:18	12/03/23 15:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	12/03/23 14:18	12/03/23 15:19	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	442	1.04	mg/kg dry	1	P3L0107	12/01/23 15:22	12/03/23 04:31	EPA 300.0	
% Moisture	4.0	0.1	%	1	P3L0104	12/01/23 09:49	12/01/23 10:07	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3L0310 - \*\*\* DEFAULT PREP \*\*\*

Blank (P3L0310-BLK1)		Prepared & Analyzed: 12/03/23								
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.142		"	0.120		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.1	80-120			

LCS (P3L0310-BS1)		Prepared & Analyzed: 12/03/23								
Benzene	0.113	0.00100	mg/kg	0.100		113	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.221	0.00200	"	0.200		111	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	80-120			

LCS Dup (P3L0310-BSD1)		Prepared & Analyzed: 12/03/23								
Benzene	0.115	0.00100	mg/kg	0.100		115	80-120	2.18	20	
Toluene	0.107	0.00100	"	0.100		107	80-120	2.85	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120	2.82	20	
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120	1.88	20	
Xylene (o)	0.103	0.00100	"	0.100		103	80-120	2.41	20	
Surrogate: 4-Bromofluorobenzene	0.132		"	0.120		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

Calibration Blank (P3L0310-CCB1)		Prepared & Analyzed: 12/03/23								
Benzene	0.160		ug/kg							
Toluene	0.210		"							
Ethylbenzene	0.170		"							
Xylene (p/m)	0.230		"							
Xylene (o)	0.130		"							
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.141		"	0.120		117	80-120			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3L0310 - \*\*\* DEFAULT PREP \*\*\*

Calibration Blank (P3L0310-CCB2)				Prepared: 12/03/23 Analyzed: 12/04/23						
Benzene	0.170		ug/kg							
Toluene	0.190		"							
Ethylbenzene	0.190		"							
Xylene (p/m)	0.290		"							
Xylene (o)	0.170		"							
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.141		"	0.120		118	80-120			

Calibration Check (P3L0310-CCV1)				Prepared & Analyzed: 12/03/23						
Benzene	0.112	0.00100	mg/kg	0.100		112	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0997	0.00100	"	0.100		99.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.132		"	0.120		110	75-125			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	75-125			

Calibration Check (P3L0310-CCV2)				Prepared & Analyzed: 12/03/23						
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	75-125			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	75-125			

Calibration Check (P3L0310-CCV3)				Prepared: 12/03/23 Analyzed: 12/04/23						
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.120		111	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	75-125			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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BTEX by 8021B - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3L0310 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike (P3L0310-MS1)		Source: 3L01001-80		Prepared: 12/03/23		Analyzed: 12/04/23				
Benzene	0.0828	0.00106	mg/kg dry	0.106	ND	77.9	80-120			QM-05
Toluene	0.0613	0.00106	"	0.106	ND	57.6	80-120			QM-05
Ethylbenzene	0.0564	0.00106	"	0.106	ND	53.0	80-120			QM-05
Xylene (p/m)	0.114	0.00213	"	0.213	ND	53.5	80-120			QM-05
Xylene (o)	0.0509	0.00106	"	0.106	ND	47.8	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	0.126		"	0.128		98.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.142		"	0.128		111	80-120			
Matrix Spike Dup (P3L0310-MSD1)		Source: 3L01001-80		Prepared: 12/03/23		Analyzed: 12/04/23				
Benzene	0.101	0.00106	mg/kg dry	0.106	ND	94.9	80-120	19.8	20	
Toluene	0.0828	0.00106	"	0.106	ND	77.9	80-120	29.8	20	QM-05
Ethylbenzene	0.0845	0.00106	"	0.106	ND	79.4	80-120	40.0	20	QM-05
Xylene (p/m)	0.168	0.00213	"	0.213	ND	78.9	80-120	38.3	20	QM-05
Xylene (o)	0.0750	0.00106	"	0.106	ND	70.5	80-120	38.3	20	QM-05
Surrogate: 1,4-Difluorobenzene	0.127		"	0.128		99.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.141		"	0.128		111	80-120			



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Culebra Bluff Central 26  
Project Number: 16332  
Project Manager: Blake Estep

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch P3L0303 - TX 1005</b>										
<b>Blank (P3L0303-BLK1)</b>				Prepared & Analyzed: 12/03/23						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	124		"	100		124	70-130			
Surrogate: o-Terphenyl	70.4		"	50.0		141	70-130			S-GC
<b>LCS (P3L0303-BS1)</b>				Prepared & Analyzed: 12/03/23						
C6-C12	1070	25.0	mg/kg	1000		107	75-125			
>C12-C28	1050	25.0	"	1000		105	75-125			
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	64.4		"	50.0		129	70-130			
<b>LCS Dup (P3L0303-BSD1)</b>				Prepared & Analyzed: 12/03/23						
C6-C12	1100	25.0	mg/kg	1000		110	75-125	2.20	20	
>C12-C28	1090	25.0	"	1000		109	75-125	3.26	20	
Surrogate: 1-Chlorooctane	125		"	100		125	70-130			
Surrogate: o-Terphenyl	65.7		"	50.0		131	70-130			S-GC
<b>Calibration Check (P3L0303-CCV1)</b>				Prepared & Analyzed: 12/03/23						
C6-C12	473	25.0	mg/kg	500		94.7	85-115			
>C12-C28	503	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	58.1		"	50.0		116	70-130			
<b>Calibration Check (P3L0303-CCV2)</b>				Prepared & Analyzed: 12/03/23						
C6-C12	455	25.0	mg/kg	500		90.9	85-115			
>C12-C28	482	25.0	"	500		96.4	85-115			
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	53.4		"	50.0		107	70-130			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3L0303 - TX 1005

Duplicate (P3L0303-DUP1)	Source: 3L01001-02			Prepared & Analyzed: 12/03/23						
C6-C12	ND	26.3	mg/kg dry		ND				20	
>C12-C28	ND	26.3	"		ND				20	
Surrogate: 1-Chlorooctane	85.0		"	105		80.8	70-130			
Surrogate: o-Terphenyl	46.0		"	52.6		87.4	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Culebra Bluff Central 26 Project Number: 16332 Project Manager: Blake Estep
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General Chemistry Parameters by EPA / Standard Methods - Quality Control  
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3L0104 - *** DEFAULT PREP ***										
Blank (P3L0104-BLK1)				Prepared & Analyzed: 12/01/23						
% Moisture	ND	0.1	%							
Blank (P3L0104-BLK2)				Prepared & Analyzed: 12/01/23						
% Moisture	ND	0.1	%							
Duplicate (P3L0104-DUP1)				Source: 3K30004-01		Prepared & Analyzed: 12/01/23				
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P3L0104-DUP2)				Source: 3K30009-02		Prepared & Analyzed: 12/01/23				
% Moisture	6.0	0.1	%		5.0			18.2	20	
Duplicate (P3L0104-DUP3)				Source: 3K29010-02		Prepared & Analyzed: 12/01/23				
% Moisture	17.0	0.1	%		17.0			0.00	20	
Batch P3L0107 - *** DEFAULT PREP ***										
Blank (P3L0107-BLK1)				Prepared: 12/01/23 Analyzed: 12/03/23						
Chloride	ND	1.00	mg/kg							
LCS (P3L0107-BS1)				Prepared: 12/01/23 Analyzed: 12/03/23						
Chloride	15.4		mg/kg	16.0		96.2	90-110			
Calibration Check (P3L0107-CCV1)				Prepared: 12/01/23 Analyzed: 12/03/23						
Chloride	16.2		mg/kg	16.0		101	90-110			
Calibration Check (P3L0107-CCV2)				Prepared: 12/01/23 Analyzed: 12/03/23						
Chloride	16.6		mg/kg	16.0		104	90-110			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Culebra Bluff Central 26
13000 West County Road 100	Project Number: 16332
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3L0107 - *** DEFAULT PREP ***										
Matrix Spike (P3L0107-MS1)		Source: 3K29009-08		Prepared: 12/01/23 Analyzed: 12/03/23						
Chloride	83.8		mg/kg	100	1.78	82.0	80-120			
Matrix Spike (P3L0107-MS2)		Source: 3K30009-01		Prepared: 12/01/23 Analyzed: 12/03/23						
Chloride	92.4		mg/kg	100	11.9	80.6	80-120			
Matrix Spike Dup (P3L0107-MSD1)		Source: 3K29009-08		Prepared: 12/01/23 Analyzed: 12/03/23						
Chloride	71.3		mg/kg	100	1.78	69.5	80-120	16.1	20	QM-05
Matrix Spike Dup (P3L0107-MSD2)		Source: 3K30009-01		Prepared: 12/01/23 Analyzed: 12/03/23						
Chloride	88.7		mg/kg	100	11.9	76.9	80-120	4.10	20	QM-05

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Culebra Bluff Central 26  
Project Number: 16332  
Project Manager: Blake Estep

### Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

12/5/2023

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

*The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.*

1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Culebra Bluff Central 26  
Project Number: 16332  
Project Manager: Blake Estep

Permian Basin Environmental Lab, L.P.

*The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.*

1400 Rankin HWY Midland, TX 79701 432-686-7235

**PB&L**  
Permian Basin Environmental Lab, L.P.  
100 Rankin Hwy  
Midland Texas 79701  
Phone: 1-82-6886-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**Project Manager:** Blake Estep

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: P.O. Box 62228

City/State/Zip: Midland, Texas 79711

Sampler Signature: [Signature] Email: blake@etecelliv.com

Project Name: Culebra Bluff Central 26 CS  
Project #: 16332 Project Loc: \_\_\_\_\_  
Area: \_\_\_\_\_ PO#: 16332

**Area:**

PO#: 16332

☒ Bill EtechReport Format: STANDARD: ☐ TRRP: ☐ NPDES: ☐[illegible]



Report to:  
Erick Herrera



5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Chevron

Project Name: Culebra Bluff Section 26  
Compressor Station

Work Order: E407152

Job Number: 23077-0001

Received: 7/19/2024

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/11/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/11/24

Erick Herrera  
322 Road 3100  
Aztec, NM 87410



Project Name: Culebra Bluff Section 26 Compressor Station  
Workorder: E407152  
Date Received: 7/19/2024 7:15:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/19/2024 7:15:00AM, under the Project Name: Culebra Bluff Section 26 Compressor Station.

The analytical test results summarized in this report with the Project Name: Culebra Bluff Section 26 Compressor Station apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH01 - 3'	5
BH01 - 4.5'	6
BH02 - 0.5'	7
BH02 - 4.5'	8
BH03 - 0.5'	9
BH03 - 4.5'	10
QC Summary Data	11
QC - Volatile Organic Compounds by EPA8260B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	Reported:  09/11/24 07:25
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Erick Herrera	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 - 3'	E407152-01A	Soil	07/17/24	07/19/24	Glass Jar, 2 oz.
BH01 - 4.5'	E407152-02A	Soil	07/17/24	07/19/24	Glass Jar, 2 oz.
BH02 - 0.5'	E407152-03A	Soil	07/17/24	07/19/24	Glass Jar, 2 oz.
BH02 - 4.5'	E407152-04A	Soil	07/17/24	07/19/24	Glass Jar, 2 oz.
BH03 - 0.5'	E407152-05A	Soil	07/17/24	07/19/24	Glass Jar, 2 oz.
BH03 - 4.5'	E407152-06A	Soil	07/17/24	07/19/24	Glass Jar, 2 oz.



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Culebra Bluff Section 26 Compressor Station Project Number: 23077-0001 Project Manager: Erick Herrera	Reported: 9/11/2024 7:25:18AM
---	---	----------------------------------

BH01 - 3'

E407152-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2429108
Benzene	ND	0.0250	1	07/19/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/19/24	07/22/24	
Toluene	ND	0.0250	1	07/19/24	07/22/24	
o-Xylene	ND	0.0250	1	07/19/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/19/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		115 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		107 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2429108
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		115 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		107 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2429102
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/24	07/22/24	
Surrogate: n-Nonane		108 %	50-200	07/19/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429111
Chloride	2410	200	10	07/19/24	07/19/24	



Sample Data

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	Reported: 9/11/2024 7:25:18AM
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Erick Herrera	

BH01 - 4.5'  
E407152-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2429108	
Benzene	ND	0.0250	1	07/19/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/19/24	07/22/24	
Toluene	ND	0.0250	1	07/19/24	07/22/24	
o-Xylene	ND	0.0250	1	07/19/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/19/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		116 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		106 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2429108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		116 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		106 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2429102	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/24	07/22/24	
Surrogate: n-Nonane		110 %	50-200	07/19/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2429111	
Chloride	283	200	10	07/19/24	07/19/24	



Sample Data

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	Reported: 9/11/2024 7:25:18AM
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Erick Herrera	

BH02 - 0.5'  
E407152-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2429108	
Benzene	ND	0.0250	1	07/19/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/19/24	07/22/24	
Toluene	ND	0.0250	1	07/19/24	07/22/24	
o-Xylene	ND	0.0250	1	07/19/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/19/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		113 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		108 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2429108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		113 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		108 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2429102	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/24	07/22/24	
Surrogate: n-Nonane		92.7 %	50-200	07/19/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2429111	
Chloride	200	200	10	07/19/24	07/19/24	





Sample Data

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	Reported: 9/11/2024 7:25:18AM
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Erick Herrera	

BH02 - 4.5'  
E407152-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2429108	
Benzene	ND	0.0250	1	07/19/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/19/24	07/22/24	
Toluene	ND	0.0250	1	07/19/24	07/22/24	
o-Xylene	ND	0.0250	1	07/19/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/19/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		113 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		107 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2429108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		113 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		107 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2429102	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/24	07/22/24	
Surrogate: n-Nonane		116 %	50-200	07/19/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2429111	
Chloride	ND	200	10	07/19/24	07/19/24	



Sample Data

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	Reported: 9/11/2024 7:25:18AM
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Erick Herrera	

BH03 - 0.5'  
E407152-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2429108
Benzene	ND	0.0250	1	07/19/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/19/24	07/22/24	
Toluene	ND	0.0250	1	07/19/24	07/22/24	
o-Xylene	ND	0.0250	1	07/19/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/19/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		110 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		110 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2429108
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		110 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		110 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2429102
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/24	07/22/24	
Surrogate: n-Nonane		121 %	50-200	07/19/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2429111
Chloride	234	200	10	07/19/24	07/19/24	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Culebra Bluff Section 26 Compressor Station Project Number: 23077-0001 Project Manager: Erick Herrera	Reported: 9/11/2024 7:25:18AM
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BH03 - 4.5'  
E407152-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2429108	
Benzene	ND	0.0250	1	07/19/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/19/24	07/22/24	
Toluene	ND	0.0250	1	07/19/24	07/22/24	
o-Xylene	ND	0.0250	1	07/19/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/19/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		111 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		108 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2429108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/24	07/22/24	
Surrogate: Bromofluorobenzene		111 %	70-130	07/19/24	07/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	07/19/24	07/22/24	
Surrogate: Toluene-d8		108 %	70-130	07/19/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2429102	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/24	07/22/24	
Surrogate: n-Nonane		148 %	50-200	07/19/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2429111	
Chloride	218	200	10	07/19/24	07/19/24	



QC Summary Data

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	Reported:
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Erick Herrera	9/11/2024 7:25:18AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2429108-BLK1) Prepared: 07/19/24 Analyzed: 07/22/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.565		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.443		0.500		88.5	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

LCS (2429108-BS1) Prepared: 07/19/24 Analyzed: 07/22/24

Benzene	2.18	0.0250	2.50		87.3	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.8	70-130			
Toluene	2.33	0.0250	2.50		93.2	70-130			
o-Xylene	2.51	0.0250	2.50		100	70-130			
p,m-Xylene	5.01	0.0500	5.00		100	70-130			
Total Xylenes	7.52	0.0250	7.50		100	70-130			
Surrogate: Bromofluorobenzene	0.582		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike (2429108-MS1) Source: E407152-02 Prepared: 07/19/24 Analyzed: 07/22/24

Benzene	2.23	0.0250	2.50	ND	89.4	48-131			
Ethylbenzene	2.42	0.0250	2.50	ND	97.0	45-135			
Toluene	2.41	0.0250	2.50	ND	96.5	48-130			
o-Xylene	2.59	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135			
Total Xylenes	7.77	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.577		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

Matrix Spike Dup (2429108-MSD1) Source: E407152-02 Prepared: 07/19/24 Analyzed: 07/22/24

Benzene	2.25	0.0250	2.50	ND	89.9	48-131	0.625	23	
Ethylbenzene	2.50	0.0250	2.50	ND	100	45-135	3.23	27	
Toluene	2.50	0.0250	2.50	ND	99.9	48-130	3.38	24	
o-Xylene	2.66	0.0250	2.50	ND	106	43-135	2.51	27	
p,m-Xylene	5.26	0.0500	5.00	ND	105	43-135	1.54	27	
Total Xylenes	7.92	0.0250	7.50	ND	106	43-135	1.87	27	
Surrogate: Bromofluorobenzene	0.570		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.5	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			



QC Summary Data

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	Reported:
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Erick Herrera	9/11/2024 7:25:18AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2429108-BLK1) Prepared: 07/19/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.565		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.443		0.500		88.5	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

LCS (2429108-BS2) Prepared: 07/19/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.578		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.545		0.500		109	70-130			

Matrix Spike (2429108-MS2) Source: E407152-02 Prepared: 07/19/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.584		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.453		0.500		90.6	70-130			
Surrogate: Toluene-d8	0.557		0.500		111	70-130			

Matrix Spike Dup (2429108-MSD2) Source: E407152-02 Prepared: 07/19/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130	2.74	20	
Surrogate: Bromofluorobenzene	0.589		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			



QC Summary Data

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	Reported:
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Erick Herrera	9/11/2024 7:25:18AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429102-BLK1) Prepared: 07/19/24 Analyzed: 07/22/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	50-200			

LCS (2429102-BS1) Prepared: 07/19/24 Analyzed: 07/22/24

Diesel Range Organics (C10-C28)	290	25.0	250		116	38-132			
Surrogate: n-Nonane	56.5		50.0		113	50-200			

Matrix Spike (2429102-MS1) Source: E407152-03 Prepared: 07/19/24 Analyzed: 07/22/24

Diesel Range Organics (C10-C28)	301	25.0	250	ND	120	38-132			
Surrogate: n-Nonane	52.3		50.0		105	50-200			

Matrix Spike Dup (2429102-MSD1) Source: E407152-03 Prepared: 07/19/24 Analyzed: 07/22/24

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	4.62	20	
Surrogate: n-Nonane	54.9		50.0		110	50-200			



QC Summary Data

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	Reported:
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Erick Herrera	9/11/2024 7:25:18AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2429111-BLK1)					Prepared: 07/19/24 Analyzed: 07/19/24				
Chloride	ND	20.0							
LCS (2429111-BS1)					Prepared: 07/19/24 Analyzed: 07/19/24				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2429111-MS1)					Source: E407151-01		Prepared: 07/19/24 Analyzed: 07/19/24		
Chloride	1160	200	250	981	71.6	80-120			M2
Matrix Spike Dup (2429111-MSD1)					Source: E407151-01		Prepared: 07/19/24 Analyzed: 07/19/24		
Chloride	1190	200	250	981	82.9	80-120	2.40	20	

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Chevron	Project Name:	Culebra Bluff Section 26 Compressor Station	
322 Road 3100	Project Number:	23077-0001	Reported:
Aztec NM, 87410	Project Manager:	Erick Herrera	09/11/24 07:25

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Released to Imaging: 10/17/2024 11:35:27 AM

Received by OCD: 9/30/2024 2:17:54 PM

Project Information

Chain of Custody

Client: Chevron USA, Inc.	Bill To	Lab Use Only		TAT			EPA Program												
Client name: Amy Barnhill	Attention: Erick Herrera	Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA										
Project Manager: Erick Herrera	Address: 13000 W County Rd 100	E407152	23077-001				5 day TAT												
Project: Culebra Bluff Section 26 Compressor Station	City, State, Zip: Midland, TX, 79711	Analysis and Method								RCRA									
Etech Project #: 16332	Phone: (432)563-2200	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	TX	GDOC	State								
Phone: (432)305-6416	Email: erick@etechenv.com, joseph@etechenv.com										NM	CO	UT	AZ	TX				
Email: erick@etechenv.com	Company Name: Etech Environmental & Safety Solutions																		
Collected by: Edyte Konan	Incident ID: nAPP2220225509																		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	TX	GDOC	Remarks
9:00	07.17.24	S	1	BH01	1	0.5'						X			
9:20	07.17.24	S	1	BH01	2	4.5'						X			
9:40	07.17.24	S	1	BH02	3	0.5'						X			
10:00	07.17.24	S	1	BH02	4	4.5'						X			
10:20	07.17.24	S	1	BH03	5	0.5'						X			
10:40	07.17.24	S	1	BH03	6	4.5'						X			

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only					
<i>[Signature]</i>	07/18/24	11:00	<i>[Signature]</i>	7-18-24	11:15	Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 T2 T3					
<i>[Signature]</i>	7-18-24	15:30	<i>[Signature]</i>	7-18-24	17:30						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C					
<i>[Signature]</i>	7-18-24	23:30	Alexa Michaels	7-19-24	7:15	4					

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

## Envirotech Analytical Laboratory

Printed: 7/19/2024 8:35:30AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Chevron	Date Received:	07/19/24 07:15	Work Order ID:	E407152
Phone:	(505)326-2657	Date Logged In:	07/18/24 14:23	Logged In By:	Noe Soto
Email:		Due Date:	07/25/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



## Project Information

## Chain of Custody

Client: Chevron USA, Inc.					Bill To		Lab Use Only						TAT				EPA Program						
Client name: Amy Barnhill					Attention: Erick Herrera		Lab WO#		Job Number				1D	2D	3D	Standard	CWA	SDWA					
Project Manager: Erick Herrera					Address: 13000 W County Rd 100		E407152		23077-0001							5 day TAT							
Project: Culebra Bluff Section 26 Compressor Station					City, State, Zip: Midland, TX, 79711		Analysis and Method												RCRA				
Etech Project #: 16332					Phone: (432)563-2200																		
Phone: (432)305-6416					Email: erick@etechenv.com, joseph@etechenv.com														State				
Email: erick@etechenv.com					Company Name: Etech Environmental & Safety Solutions														NM	CO	UT	AZ	TX
Collected by: Edyte Konan					Incident ID: nAPP2220225509														Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	NM	TX	GDOC								
9:00	07.17.24	S	1	BH01	1	0.5'							X				Depth changed						
9:20	07.17.24	S	1	BH01	2	4.5'							X				per J. Hernandez						
9:40	07.17.24	S	1	BH02	3	0.5'							X				9/11/24 - RAS						
10:00	07.17.24	S	1	BH02	4	4.5'							X										
10:20	07.17.24	S	1	BH03	5	0.5'							X										
10:40	07.17.24	S	1	BH03	6	4.5'							X										
07/18/2024																							
Additional Instructions:																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only											
		07/18/24		11:00				7-18-24		11:15		Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3											
		7-18-24		15:30				7-18-24		17:30													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C											
		7-18-24		23:30				7-19-24		7:15		4											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							



envirotech

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## APPENDIX G

### Correspondence & Notifications

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P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





**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

QUESTIONS  
  
Action 363375

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 363375
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2220225509
Incident Name	NAPP2220225509 CULEBRA BLUFF CENTRAL 26 COMPRESSOR STATION @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	CULEBRA BLUFF CENTRAL 26 COMPRESSOR STATION
Date Release Discovered	07/06/2022
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	18,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/17/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Joseph Hernandez at 432-305-6413 with any questions. Sampling will take place over 3 days.
Please provide any information necessary for navigation to sampling site	From the intersection of NM-387 & GR Howard Road, travel South on 387 for 0.5 miles. Turn East and travel 0.25 miles. Turn South and travel 0.49 miles. Turn East and travel 0.76 miles. Turn North and travel 0.05 miles to the provided GPS coordinates (32.278089, -104.054574).

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
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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 363375

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 363375
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/11/2024



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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Phone:(575) 748-1283 Fax:(575) 748-9720  
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Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
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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

QUESTIONS  
  
Action 388411

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 388411
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2220225509
Incident Name	NAPP2220225509 CULEBRA BLUFF CENTRAL 26 COMPRESSOR STATION @ 0
Incident Type	Oil Release
Incident Status	Deferral Request Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CULEBRA BLUFF CENTRAL 26 COMPRESSOR STATION
Date Release Discovered	07/06/2022
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc.   Other (Specify)   Crude Oil   Released: 1 BBL   Recovered: 1 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc.   Other (Specify)   Produced Water   Released: 4 BBL   Recovered: 0 BBL   Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Sump Overflow

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**District IV**  
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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

QUESTIONS, Page 2  
  
Action 388411

QUESTIONS (continued)

Operator:  CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
	388411
Action Type:	
[C-141] Deferral Request C-141 (C-141-v-Deferral)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 09/30/2024
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QUESTIONS, Page 3

Action 388411

**QUESTIONS (continued)**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	388411
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 500 and 1000 (ft.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between ½ and 1 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2410
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	24200
GRO+DRO (EPA SW-846 Method 8015M)	6760
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	10/25/2024
On what date will (or did) the final sampling or liner inspection occur	07/17/2024
On what date will (or was) the remediation complete(d)	12/31/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	933
What is the estimated volume (in cubic yards) that will be remediated	138

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 388411

**QUESTIONS (continued)**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	388411
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 09/30/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 388411

**QUESTIONS (continued)**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	388411
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS****Deferral Requests Only**

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Compressors and associated equipment are located in the spill path. It would be a major deconstruction to move equipment.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	933
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	138
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	Culebra Bluff Section 26 CS [fAPP2132753053]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 09/30/2024

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QUESTIONS, Page 6  
  
Action 388411

**QUESTIONS (continued)**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 388411
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	363375
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/17/2024
What was the (estimated) number of samples that were to be gathered	30
What was the sampling surface area in square feet	18000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS  
  
Action 388411

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 388411
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scwells	Deferral approved. Deferral of Auger Holes 1, 2, 4, and 5 as well as BH01, West Auger Hole and West Auger Hole-2 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	10/7/2024