

**From:** [Wells, Shelly, EMNRD](#)  
**To:** [Barnhill, Amy](#)  
**Cc:** [Velez, Nelson, EMNRD](#)  
**Subject:** [\*\*EXTERNAL\*\*] RE: [EXTERNAL] Sampling Notice Variances  
**Date:** Wednesday, May 8, 2024 11:22:41 AM

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**Be aware this external email contains an attachment and/or link.**

Ensure the email and contents are expected. If there are concerns, please submit suspicious messages to the Cyber Intelligence Center using the Report Phishing button.

Hi Amy,

For the incidents below, you will receive the following whether it is denied or approved: "Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D(1)(a) NMAC." Feel free to resubmit. Nelson will be reviewing nAPP2311640670 and I will be reviewing both nAPP2230526211 and nApp2303652118.

Kind regards,

Shelly

[Shelly Wells](#) \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520|[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

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**From:** Barnhill, Amy <ABarnhill@chevron.com>  
**Sent:** Wednesday, May 8, 2024 8:53 AM  
**To:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>  
**Cc:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Subject:** [EXTERNAL] Sampling Notice Variances

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello Nelson and Shelly,

Chevron has been working on some older spills and completed all the final sampling events before the 12-1-23 changes. Therefore, we were unable to add sampling notices to the website before we completed the final sampling event. I am asking for permission to submit these reports without the final sampling

notifications. Please let me know how to proceed.

nAPP2230526211

nApp2303652118

nAPP2311640670

**Thank you,**

**Amy Barnhill**

Environmental Specialist 2

Tel +1 432 687 7108

Mobile +1 432 940 8524

[ABarnhill@chevron.com](mailto:ABarnhill@chevron.com)

**Mid-Continent Business Unit**

Chevron North America Exploration and Production Company



# CLOSURE REQUEST REPORT

**Cotton Draw Section 3 CTB  
Lea County, New Mexico  
Incident Number nAPP2303652118**

**Prepared For:  
Chevron USA, Inc.  
6301 Deauville Blvd.  
Midland, TX 79706**

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## SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron USA, Inc. (Chevron), presents the following Closure Request Report (CRR) detailing excavation activities and subsequent soil sampling activities for an inadvertent release of crude oil and produced water at the Cotton Draw Section 3 CTB ((Site) (**Figure 1** in **Appendix A**)). Based on completed remedial actions and laboratory analytical results from recent soil sampling events, Chevron is requesting No Further Action (NFA) at the Site.

## SITE LOCATION AND BACKGROUND

On January 21, 2023, a main trunk pipeline failure caused the release of approximately 23.591 barrels (bbls) of crude oil and 52.263 bbls of produced water into the pasture along a lease road. Vacuum trucks were able to recover approximately 20.215 bbls of crude oil and 44.785 bbls of produced water. Chevron reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on February 5, 2023, and was subsequently assigned Incident Number nAPP2303652118. **Figure 2** in **Appendix A** depicts the observed release area, hereafter referred to as the Area of Concern (AOC). Chevron initiated excavation activities based on visual observations in effort to remove residual soil impacts from the Site.

The initial Form C-141 reported that the Site was located in Unit J, Section 3, Township 25 South, Range 32 East, in Lea County, New Mexico (32.158292° N, 103.660364° W), however, the release area associated with the pipeline is located south of the Site, along the eastern edge of a lease road in Unit B, Section 10, Township 25 South, Range 32 East, in Eddy County, New Mexico (32.151551° N, 103.661590° W) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM). The updated legals and coordinates are provided on the Final Form C-141.

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech confirmed the Site was characterized 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.

Depth to groundwater at the Site is estimated to be between 51 and 100 feet below ground surface (bgs), based on New Mexico Office of the State Engineer (NMOSE) permitted soil boring C-04634 (TW-10) that was drilled by Atkins Engineering Associates, Inc. for Devon Energy on June 5, 2022. The soil boring is located approximately 1.0 miles southwest of the Site and may be referenced on **Figure 1** in **Appendix A**. Using a truck mounted drill rig equipped with hollow stem auger, the soil boring was advanced to a total depth of 55 feet bgs. No fluids were observed throughout the drilling process nor after an observation period



exceeding 72 hours. Following the observed period, the boring was plugged and abandoned according to the appropriate regulations. The well record and log is provided in **Appendix B**.

Based on the desktop review of the current BLM Carlsbad Field Office (CFO) karst cave potential map, this Site is located in a low potential karst area. All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used to determine the site characterization are included in **Figure 1** in **Appendix A**.

Based on the results from the desktop review for depth to groundwater, surrounding wells are greater than 0.5-mile from the Site which resulted in the application of the following Closure Criteria as per the NMOCD depth to groundwater determination requirements:

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

## **EXCAVATION SOIL SAMPLING ACTIVITIES**

Following the completion of additional excavation activities conducted by Chevron, Etech was retained to conduct confirmation soil sampling activities. 5-point composite confirmation excavation soil samples were collected at a sampling frequency of 200 square feet from the excavation floor and sidewalls. The 5-point composite soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. Each sidewall soil sample depth represents the approximate average depth from which the five aliquots were collected. Floor soil samples were collected from approximately 5 feet bgs. The soil samples were then placed 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 Laboratory (PBELAB) in Midland, Texas, for analysis of COCs. The location of confirmation excavation soil samples is shown in **Figure 3** in **Appendix A**.

Based on laboratory analytical results for soil samples Bottom Hole (BH) 7, BH10, BH13, BH21, BH32, which indicated elevated chloride concentrations ranging from 1,230 mg/kg to 8,670 mg/kg, additional remediation appeared warranted.

On July 17 and July 18, 2023, Etech resumed excavation activities based on elevated chloride concentrations identified by laboratory analytical results. Excavation activities were driven by field screening soil samples for volatile organic compounds (VOCs) using a photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Following additional soil removal, composite confirmation excavation soil samples were collected from the new excavation floors, handled, and analyzed for chloride as previously described.

Impacted soil was removed from the Site and transported to a licensed and approved New Mexico landfill under Chevron approved waste manifests. Upon receipt of the final confirmation excavation soil samples results, the excavation was backfilled with clean, locally sourced soil and the Site was restored to "as close to its original state" as possible. Approximately 1,554 cubic yards were excavated from within the AOC. Photographic documentation of excavation activities is included in **Appendix C**.

## **LABORATORY ANALYTICAL RESULTS**

Closure Request Report  
Incident Number nAPP2303652118  
Cotton Draw Section 3 CTB

pg. 3

Laboratory analytical results for all final confirmation excavation soil samples indicated all analyzed COCs were below the Site Closure Criteria. Laboratory analytical results are summarized in **Table 1** included in **Appendix D**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix E**.

## SITE CLOSURE REQUEST

Based on laboratory analytical results for confirmation excavation soil samples, Chevron believes residual soil impacts associated with the inadvertent release have been excavated and removed from the Site. Concentrations of COCs for all final confirmation excavation soil samples were below the Site Closure Criteria. Chevron believes the completed remedial actions have mitigated impacts at the Site and the requirements set forth in NMAC guidelines to be protective of human health, the environment, and groundwater. As such, NFA appears warranted at this time and this CRR associated with Incident Number nAPP2303652118 should be respectfully considered for Closure by the NMOCD.

If you have any questions or comments, please do not hesitate to contact Blake Estep at (432) 894-6038 or [blake@etechenv.com](mailto:blake@etechenv.com).

Sincerely,  
Etech Environmental and Safety Solutions, Inc.



Blake Estep  
Project Manager

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

### Appendices:

- Appendix A:** Figure 1: Site Map  
Figure 2: Area of Concern  
Figure 3: Excavation Soil Sample Locations
- Appendix B:** Referenced Well Record
- Appendix C:** Photographic Log
- Appendix D:** Tables
- Appendix E:** Laboratory Analytical Reports & Chain-of-Custody Documentation

Closure Request Report  
Incident Number nAPP2303652118  
Cotton Draw Section 3 CTB

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# APPENDIX A

## Figures

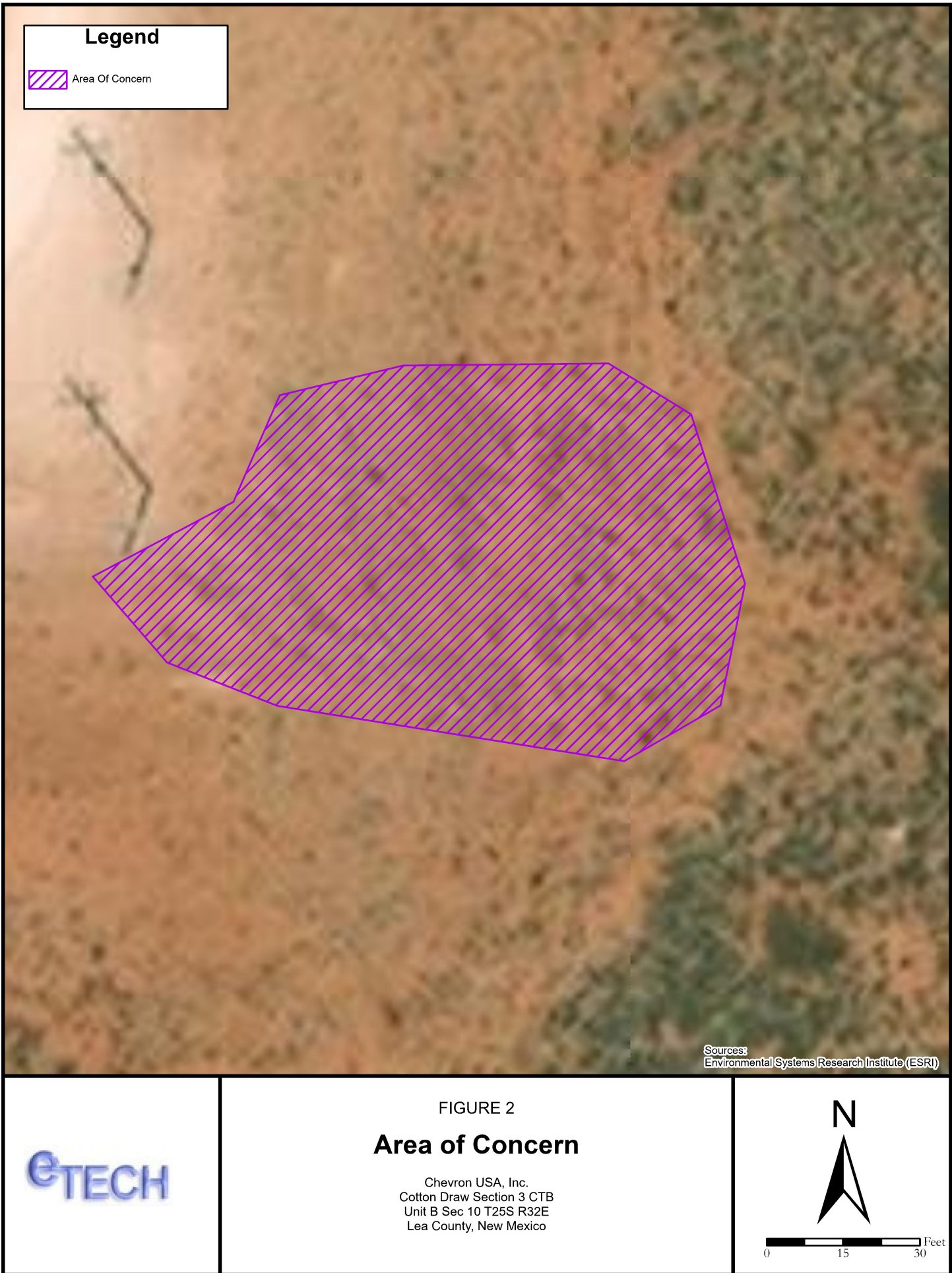
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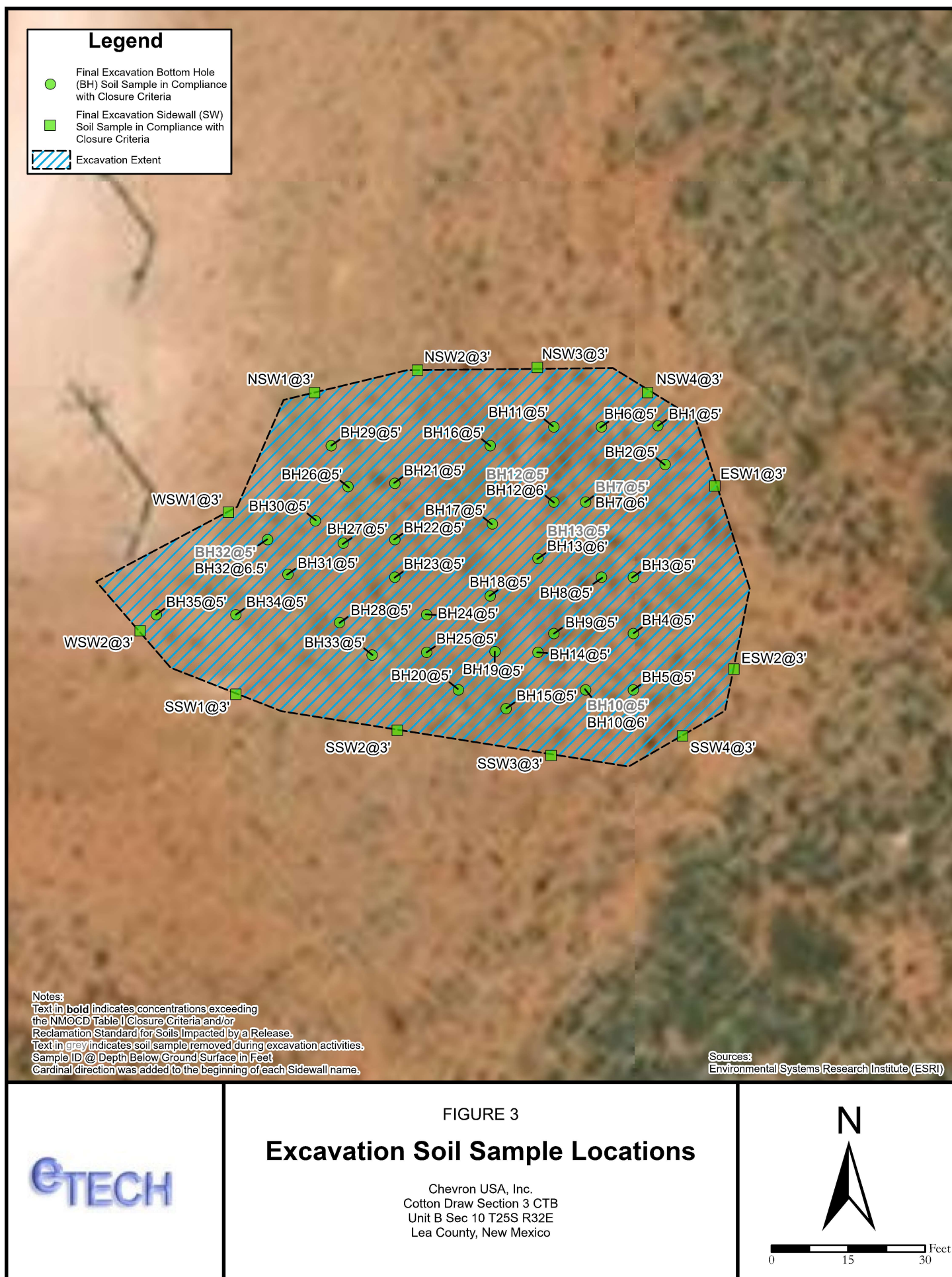












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## APPENDIX B

### Referenced Well Record

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# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4634			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 8	SECONDS 17.23	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE 103	40	4.33	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SW SW Sec.10 T25S R32S NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 6/7/2022	DRILLING ENDED 6/7/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 6/13/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	±6.5	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	C-4634	POD NO.	POD 1	TRN NO.	726471
LOCATION	T25S 32E 10 4-3-3		WELL TAG ID NO.	N/A	PAGE 1 OF 2

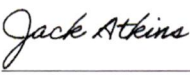


4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y    ✓ N	
	4	14	10	Caliche, with Fine-grained sand, 7.5 YR 7/4, Pink	Y    ✓ N	
	14	55	41	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 7/6, Reddish Yellow	Y    ✓ N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):            0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 32 CDU 237	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt	

6. SIGNATURE	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 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	Jackie D. Atkins	6/16/2022
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 01/28/2022)

FILE NO. C-4634	POD NO. POD1	TRN NO. 726471
LOCATION 255 322 10 4-3-3	WELL TAG ID NO. N/A	PAGE 2 OF 2

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# APPENDIX C

## Photographic Log

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**PHOTOGRAPHIC LOG**

Chevron USA, Inc.

Cotton Draw Section 3 CTB

Incident Number: nAPP2303652118

**Photograph 1****Date: 01/23/2023**

Description: Western view of excavation activities.

**Photograph 2****Date: 01/23/2023**

Description: West to southwestern view of excavation activities.

**Photograph 3****Date: 04/17/2023**

Description: Northern view of excavation activities.

**Photograph 4****Date: 04/17/2023**

Description: Southwestern view of excavation activities.



**PHOTOGRAPHIC LOG**

Chevron USA, Inc.

Cotton Draw Section 3 CTB

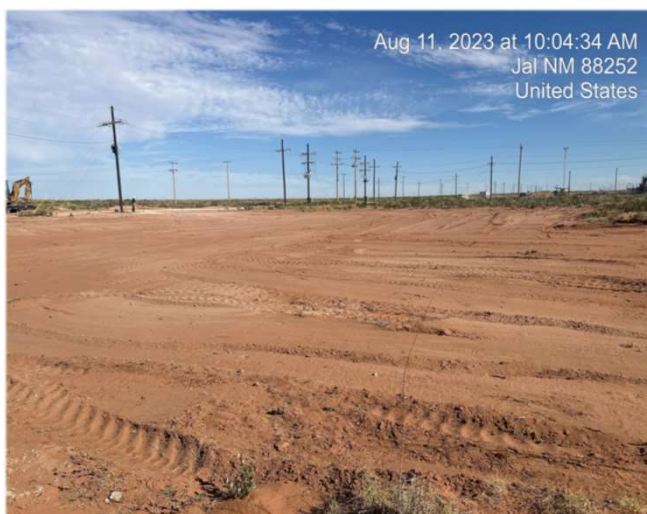
Incident Number: nAPP2303652118

**Photograph 5****Date: 07/17/2023**

Description: Northwestern view of resumed excavation activities.

**Photograph 6****Date: 07/18/2023**

Description: Southern view of resumed excavation activities.

**Photograph 7****Date: 08/11/2023**

Description: Northwestern view of backfilling activities.

**Photograph 8****Date: 08/11/2023**

Description: Northern view of backfilling activities.

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# APPENDIX D

## Tables



**Table 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**Chevron USA, Inc.**  
**Cotton Draw Section 3 CTB**  
**Lea County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet 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
Excavation Soil Samples - Incident Number nAPP2303652118									
Bottom Hole 1	04/17/2023	5	<0.00100	<0.00655	<25.0	<25.0	<25.0	<25.0	20.6
Bottom Hole 2	04/17/2023	5	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	12.5
Bottom Hole 3	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	141
Bottom Hole 4	04/17/2023	5	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	119
Bottom Hole 5	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	38.2
Bottom Hole 6	04/17/2023	5	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	77.9
Bottom Hole 7	04/17/2023	5	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	1,230
Bottom Hole 7	07/18/2023	6	<0.0202	<0.0404	<25.3	59.5	<25.3	59.5	61.1
Bottom Hole 8	04/17/2023	5	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	73.0
Bottom Hole 9	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	9.10
Bottom Hole 10	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	791
Bottom Hole 10	07/18/2023	6	<0.0202	<0.0404	<25.3	<25.3	<25.3	<25.3	78.8
Bottom Hole 11	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	24.8
Bottom Hole 12	04/17/2023	5	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	4,300
Bottom Hole 12	07/18/2023	6	<0.0204	<0.0408	<25.5	<25.5	<25.5	<25.5	399
Bottom Hole 13	04/17/2023	5	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	1,780
Bottom Hole 13	07/18/2023	6	<0.0202	<0.0404	<25.3	<25.3	<25.3	<25.3	73.7
Bottom Hole 14	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	29.8
Bottom Hole 15	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	11.9
Bottom Hole 16	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	14.6
Bottom Hole 17	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	468
Bottom Hole 18	04/17/2023	5	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	84.6
Bottom Hole 19	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	17.5
Bottom Hole 20	04/17/2023	5	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	32.9
Bottom Hole 21	04/17/2023	5	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	8,670
Bottom Hole 21	07/18/2023	6.5	<0.00222	<0.0444	<27.8	<27.8	<27.8	<27.8	78.9
Bottom Hole 22	04/17/2023	5	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	385



**Table 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**Chevron USA, Inc.**  
**Cotton Draw Section 3 CTB**  
**Lea County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet 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)
<b>NMOCD Table 1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
Bottom Hole 23	04/17/2023	5	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	220
Bottom Hole 24	04/17/2023	5	<0.00102	<0.00204	<25.5	34.3	26.3	60.5	89.0
Bottom Hole 25	04/17/2023	5	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	17.0
Bottom Hole 26	04/17/2023	5	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	28.6
Bottom Hole 27	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	44.4
Bottom Hole 28	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	43.7
Bottom Hole 29	04/17/2023	5	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	152
Bottom Hole 30	04/17/2023	5	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	234
Bottom Hole 31	04/17/2023	5	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	370
Bottom Hole 32	04/17/2023	5	<0.00100	<0.00200	<25.0	93.6	<25.0	93.6	1,650
Bottom Hole 32	07/18/2023	6.5	<0.0225	<0.0225	<28.1	<28.1	<28.1	<28.1	42.9
Bottom Hole 33	04/17/2023	5	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	151
Bottom Hole 34	04/17/2023	5	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	95.6
Bottom Hole 35	04/17/2023	5	<0.00100	<0.0200	<25.0	<25.0	<25.0	<25.0	59.2
North Sidewall 1	04/17/2023	3	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	196
North Sidewall 2	04/17/2023	3	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	192
North Sidewall 3	04/17/2023	3	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	103
North Sidewall 4	04/17/2023	3	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	42.2
South Sidewall 1	04/17/2023	3	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	178
South Sidewall 2	04/17/2023	3	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	499
South Sidewall 3	04/17/2023	3	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	103



Table 1  
SOIL SAMPLE ANALYTICAL RESULTS  
Chevron USA, Inc.  
Cotton Draw Section 3 CTB  
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet 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
South Sidewall 4	04/17/2023	3	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	91.4
West Sidewall 1	04/17/2023	3	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	53.5
West Sidewall 2	04/17/2023	3	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	105
East Sidewall 1	04/17/2023	3	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	18.5
East Sidewall 2	04/17/2023	3	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	270

## 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

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria for Soils Impacted by a Release

Text in "grey" represents excavated soil samples



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## APPENDIX E

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

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



## Analytical Report Rev. 2

**Prepared for:**

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

Project: Chevron Cotton Draw Section 3

Project Number: 17489

Location: New Mexico

Lab Order Number: 3D19002



**Current Certification**

Report Date: 09/12/23

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

Project: Chevron Cotton Draw Section 3  
Project Number: 17489  
Project Manager: Blake Estep

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole - 1 @ 5'	3D19002-01	Soil	04/17/23 09:30	04-19-2023 10:23
Bottom Hole - 2 @ 5'	3D19002-02	Soil	04/17/23 09:33	04-19-2023 10:23
Bottom Hole - 3 @ 5'	3D19002-03	Soil	04/17/23 09:36	04-19-2023 10:23
Bottom Hole - 4 @ 5'	3D19002-04	Soil	04/17/23 09:39	04-19-2023 10:23
Bottom Hole - 5 @ 5'	3D19002-05	Soil	04/17/23 09:42	04-19-2023 10:23
Bottom Hole - 6 @ 5'	3D19002-06	Soil	04/17/23 09:46	04-19-2023 10:23
Bottom Hole - 7 @ 5'	3D19002-07	Soil	04/17/23 09:49	04-19-2023 10:23
Bottom Hole - 8 @ 5'	3D19002-08	Soil	04/17/23 09:53	04-19-2023 10:23
Bottom Hole - 9 @ 5'	3D19002-09	Soil	04/17/23 09:57	04-19-2023 10:23
Bottom Hole - 10 @ 5'	3D19002-10	Soil	04/17/23 09:59	04-19-2023 10:23
Bottom Hole - 11 @ 5'	3D19002-11	Soil	04/17/23 10:02	04-19-2023 10:23
Bottom Hole - 12 @ 5'	3D19002-12	Soil	04/17/23 10:05	04-19-2023 10:23
Bottom Hole - 13 @ 5'	3D19002-13	Soil	04/17/23 10:08	04-19-2023 10:23
Bottom Hole - 14 @ 5'	3D19002-14	Soil	04/17/23 10:10	04-19-2023 10:23
Bottom Hole - 15 @ 5'	3D19002-15	Soil	04/17/23 10:13	04-19-2023 10:23
Bottom Hole - 16 @ 5'	3D19002-16	Soil	04/17/23 10:16	04-19-2023 10:23
Bottom Hole - 17 @ 5'	3D19002-17	Soil	04/17/23 10:19	04-19-2023 10:23
Bottom Hole - 18 @ 5'	3D19002-18	Soil	04/17/23 10:22	04-19-2023 10:23
Bottom Hole - 19 @ 5'	3D19002-19	Soil	04/17/23 10:25	04-19-2023 10:23
Bottom Hole - 20 @ 5'	3D19002-20	Soil	04/17/23 10:29	04-19-2023 10:23
Bottom Hole - 21 @ 5'	3D19002-21	Soil	04/17/23 10:32	04-19-2023 10:23
Bottom Hole - 22 @ 5'	3D19002-22	Soil	04/17/23 10:35	04-19-2023 10:23
Bottom Hole - 23 @ 5'	3D19002-23	Soil	04/17/23 10:39	04-19-2023 10:23
Bottom Hole - 24 @ 5'	3D19002-24	Soil	04/17/23 10:42	04-19-2023 10:23
Bottom Hole - 25 @ 5'	3D19002-25	Soil	04/17/23 10:45	04-19-2023 10:23
Bottom Hole - 26 @ 5'	3D19002-26	Soil	04/17/23 10:48	04-19-2023 10:23
Bottom Hole - 27 @ 5'	3D19002-27	Soil	04/17/23 10:51	04-19-2023 10:23
Bottom Hole - 28 @ 5'	3D19002-28	Soil	04/17/23 10:54	04-19-2023 10:23
Bottom Hole - 29 @ 5'	3D19002-29	Soil	04/17/23 10:57	04-19-2023 10:23
Bottom Hole - 30 @ 5'	3D19002-30	Soil	04/17/23 10:59	04-19-2023 10:23
Bottom Hole - 31 @ 5'	3D19002-31	Soil	04/17/23 11:02	04-19-2023 10:23
Bottom Hole - 32 @ 5'	3D19002-32	Soil	04/17/23 11:05	04-19-2023 10:23
Bottom Hole - 33 @ 5'	3D19002-33	Soil	04/17/23 11:08	04-19-2023 10:23
Bottom Hole - 34 @ 5'	3D19002-34	Soil	04/17/23 11:12	04-19-2023 10:23

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

Project: Chevron Cotton Draw Section 3  
Project Number: 17489  
Project Manager: Blake Estep

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole - 35 @ 5'	3D19002-35	Soil	04/17/23 11:15	04-19-2023 10:23
North Sidewall - 1 @ 3'	3D19002-36	Soil	04/17/23 11:18	04-19-2023 10:23
North Sidewall - 2 @ 3'	3D19002-37	Soil	04/17/23 11:21	04-19-2023 10:23
North Sidewall - 3 @ 3'	3D19002-38	Soil	04/17/23 11:24	04-19-2023 10:23
North Sidewall - 4 @ 3'	3D19002-39	Soil	04/17/23 11:28	04-19-2023 10:23
South Sidewall - 1 @ 3'	3D19002-40	Soil	04/17/23 11:31	04-19-2023 10:23
South Sidewall - 2 @ 3'	3D19002-41	Soil	04/17/23 11:35	04-19-2023 10:23
South Sidewall - 3 @ 3'	3D19002-42	Soil	04/17/23 11:39	04-19-2023 10:23
South Sidewall - 4 @ 3'	3D19002-43	Soil	04/17/23 11:43	04-19-2023 10:23
West Sidewall - 1 @ 3'	3D19002-44	Soil	04/17/23 11:47	04-19-2023 10:23
West Sidewall - 2 @ 3'	3D19002-45	Soil	04/17/23 11:50	04-19-2023 10:23
East Sidewall - 1 @ 3'	3D19002-46	Soil	04/17/23 11:54	04-19-2023 10:23
East Sidewall - 2 @ 3'	3D19002-47	Soil	04/17/23 11:58	04-19-2023 10:23

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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 1 @ 5'  
3D19002-01 (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	ND	0.00100	mg/kg dry	1	P3D2004	04/20/23 13:17	04/21/23 09:55	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2004	04/20/23 13:17	04/21/23 09:55	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2004	04/20/23 13:17	04/21/23 09:55	EPA 8021B
Xylene (p/m)	0.00468	0.00200	mg/kg dry	1	P3D2004	04/20/23 13:17	04/21/23 09:55	EPA 8021B
Xylene (o)	0.00187	0.00100	mg/kg dry	1	P3D2004	04/20/23 13:17	04/21/23 09:55	EPA 8021B
Surrogate: 4-Bromofluorobenzene	109 %	80-120			P3D2004	04/20/23 13:17	04/21/23 09:55	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.9 %	80-120			P3D2004	04/20/23 13:17	04/21/23 09:55	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 18:52	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 18:52	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 18:52	TPH 8015M
Surrogate: 1-Chlorooctane	75.5 %	70-130			P3D2006	04/20/23 15:00	04/22/23 18:52	TPH 8015M
Surrogate: o-Terphenyl	79.8 %	70-130			P3D2006	04/20/23 15:00	04/22/23 18:52	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:00	04/22/23 18:52	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	20.6	1.00	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 02:28	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 2 @ 5'  
3D19002-02 (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	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:15	EPA 8021B
Toluene	ND	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:15	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:15	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:15	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:15	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120		P3D2112	04/21/23 15:05	04/21/23 21:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %	80-120		P3D2112	04/21/23 15:05	04/21/23 21:15	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 19:15	TPH 8015M
>C12-C28	ND	25.5	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 19:15	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 19:15	TPH 8015M
Surrogate: 1-Chlorooctane	73.6 %	70-130		P3D2006	04/20/23 15:00	04/22/23 19:15	TPH 8015M	
Surrogate: o-Terphenyl	79.9 %	70-130		P3D2006	04/20/23 15:00	04/22/23 19:15	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/20/23 15:00	04/22/23 19:15	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	12.5	1.02	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 02:43	EPA 300.0
% Moisture	2.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 3 @ 5'  
3D19002-03 (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	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:36	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:36	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:36	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:36	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:36	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120		P3D2112	04/21/23 15:05	04/21/23 21:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %	80-120		P3D2112	04/21/23 15:05	04/21/23 21:36	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 11:10	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 11:10	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 11:10	TPH 8015M	
Surrogate: 1-Chlorooctane		62.3 %	70-130		P3D2006	04/20/23 15:00	04/24/23 11:10	TPH 8015M	S-GC1
Surrogate: o-Terphenyl		69.4 %	70-130		P3D2006	04/20/23 15:00	04/24/23 11:10	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:00	04/24/23 11:10	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	141	1.01	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 02:57	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 4 @ 5'  
3D19002-04 (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	0.00100	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:56	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:56	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:56	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:56	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 21:56	EPA 8021B
Surrogate: 4-Bromofluorobenzene	105 %	80-120			P3D2112	04/21/23 15:05	04/21/23 21:56	EPA 8021B
Surrogate: 1,4-Difluorobenzene	102 %	80-120			P3D2112	04/21/23 15:05	04/21/23 21:56	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 20:00	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 20:00	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 20:00	TPH 8015M
Surrogate: 1-Chlorooctane	83.3 %	70-130			P3D2006	04/20/23 15:00	04/22/23 20:00	TPH 8015M
Surrogate: o-Terphenyl	88.5 %	70-130			P3D2006	04/20/23 15:00	04/22/23 20:00	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:00	04/22/23 20:00	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	119	1.00	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 03:40	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 5 @ 5'  
3D19002-05 (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	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 22:58	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 22:58	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 22:58	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 22:58	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 22:58	EPA 8021B
Surrogate: 4-Bromofluorobenzene	107 %	80-120			P3D2112	04/21/23 15:05	04/21/23 22:58	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120			P3D2112	04/21/23 15:05	04/21/23 22:58	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 20:22	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 20:22	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 20:22	TPH 8015M
Surrogate: 1-Chlorooctane	84.2 %	70-130			P3D2006	04/20/23 15:00	04/22/23 20:22	TPH 8015M
Surrogate: o-Terphenyl	83.9 %	70-130			P3D2006	04/20/23 15:00	04/22/23 20:22	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:00	04/22/23 20:22	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	38.2	1.01	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 03:54	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 6 @ 5'  
3D19002-06 (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	0.00104	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:18	EPA 8021B
Toluene	ND	0.00104	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:18	EPA 8021B
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:18	EPA 8021B
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:18	EPA 8021B
Xylene (o)	ND	0.00104	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:18	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120		P3D2112	04/21/23 15:05	04/21/23 23:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	106 %	80-120		P3D2112	04/21/23 15:05	04/21/23 23:18	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 11:33	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 11:33	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 11:33	TPH 8015M	
Surrogate: 1-Chlorooctane		50.7 %	70-130		P3D2006	04/20/23 15:00	04/24/23 11:33	TPH 8015M	S-GC1
Surrogate: o-Terphenyl		57.1 %	70-130		P3D2006	04/20/23 15:00	04/24/23 11:33	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	04/20/23 15:00	04/24/23 11:33	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	77.9	1.04	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 04:09	EPA 300.0
% Moisture	4.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 7 @ 5'  
3D19002-07 (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	0.00104	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:39	EPA 8021B
Toluene	ND	0.00104	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:39	EPA 8021B
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:39	EPA 8021B
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:39	EPA 8021B
Xylene (o)	ND	0.00104	mg/kg dry	1	P3D2112	04/21/23 15:05	04/21/23 23:39	EPA 8021B
Surrogate: 4-Bromofluorobenzene	105 %	80-120			P3D2112	04/21/23 15:05	04/21/23 23:39	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120			P3D2112	04/21/23 15:05	04/21/23 23:39	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 21:08	TPH 8015M
>C12-C28	ND	26.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 21:08	TPH 8015M
>C28-C35	ND	26.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 21:08	TPH 8015M
Surrogate: 1-Chlorooctane	73.8 %	70-130			P3D2006	04/20/23 15:00	04/22/23 21:08	TPH 8015M
Surrogate: o-Terphenyl	85.6 %	70-130			P3D2006	04/20/23 15:00	04/22/23 21:08	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	04/20/23 15:00	04/22/23 21:08	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	1230	1.04	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 04:23	EPA 300.0
% Moisture	4.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 8 @ 5'  
3D19002-08 (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	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:00	EPA 8021B
Toluene	ND	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:00	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:00	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:00	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:00	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120			P3D2112	04/21/23 15:05	04/22/23 00:00	EPA 8021B
Surrogate: 4-Bromofluorobenzene	105 %	80-120			P3D2112	04/21/23 15:05	04/22/23 00:00	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.5	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 21:31	TPH 8015M
>C12-C28	ND	25.5	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 21:31	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 21:31	TPH 8015M
Surrogate: 1-Chlorooctane	81.2 %	70-130			P3D2006	04/20/23 15:00	04/22/23 21:31	TPH 8015M
Surrogate: o-Terphenyl	88.3 %	70-130			P3D2006	04/20/23 15:00	04/22/23 21:31	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/20/23 15:00	04/22/23 21:31	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	73.0	1.02	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 04:37	EPA 300.0
% Moisture	2.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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Bottom Hole - 9 @ 5'  
3D19002-09 (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	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:20	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:20	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:20	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:20	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:20	EPA 8021B
Surrogate: 4-Bromofluorobenzene	109 %	80-120			P3D2112	04/21/23 15:05	04/22/23 00:20	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120			P3D2112	04/21/23 15:05	04/22/23 00:20	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 22:38	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 22:38	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 22:38	TPH 8015M
Surrogate: 1-Chlorooctane	79.6 %	70-130			P3D2006	04/20/23 15:00	04/22/23 22:38	TPH 8015M
Surrogate: o-Terphenyl	84.9 %	70-130			P3D2006	04/20/23 15:00	04/22/23 22:38	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:00	04/22/23 22:38	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	9.10	1.01	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 04:51	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 10 @ 5'  
3D19002-10 (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	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:41	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:41	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:41	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:41	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 00:41	EPA 8021B
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P3D2112	04/21/23 15:05	04/22/23 00:41	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120			P3D2112	04/21/23 15:05	04/22/23 00:41	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 11:56	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 11:56	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 11:56	TPH 8015M
Surrogate: 1-Chlorooctane	40.5 %	70-130			P3D2006	04/20/23 15:00	04/24/23 11:56	TPH 8015M S-GC1
Surrogate: o-Terphenyl	42.4 %	70-130			P3D2006	04/20/23 15:00	04/24/23 11:56	TPH 8015M S-GC1
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:00	04/24/23 11:56	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	791	1.01	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 05:06	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 11 @ 5'  
3D19002-11 (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	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:01	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:01	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:01	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:01	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:01	EPA 8021B
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P3D2112	04/21/23 15:05	04/22/23 01:01	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120			P3D2112	04/21/23 15:05	04/22/23 01:01	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 23:24	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 23:24	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 23:24	TPH 8015M
Surrogate: 1-Chlorooctane	76.9 %	70-130			P3D2006	04/20/23 15:00	04/22/23 23:24	TPH 8015M
Surrogate: o-Terphenyl	81.7 %	70-130			P3D2006	04/20/23 15:00	04/22/23 23:24	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:00	04/22/23 23:24	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	24.8	1.01	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 05:20	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 12 @ 5'  
3D19002-12 (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	0.00103	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:22	EPA 8021B
Toluene	ND	0.00103	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:22	EPA 8021B
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:22	EPA 8021B
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:22	EPA 8021B
Xylene (o)	ND	0.00103	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:22	EPA 8021B
Surrogate: 1,4-Difluorobenzene	101 %	80-120			P3D2112	04/21/23 15:05	04/22/23 01:22	EPA 8021B
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P3D2112	04/21/23 15:05	04/22/23 01:22	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.8	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 23:46	TPH 8015M
>C12-C28	ND	25.8	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 23:46	TPH 8015M
>C28-C35	ND	25.8	mg/kg dry	1	P3D2006	04/20/23 15:00	04/22/23 23:46	TPH 8015M
Surrogate: 1-Chlorooctane	80.9 %	70-130			P3D2006	04/20/23 15:00	04/22/23 23:46	TPH 8015M
Surrogate: o-Terphenyl	89.9 %	70-130			P3D2006	04/20/23 15:00	04/22/23 23:46	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	04/20/23 15:00	04/22/23 23:46	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	4300	5.15	mg/kg dry	5	P3D2604	04/26/23 08:00	04/27/23 05:34	EPA 300.0
% Moisture	3.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 13 @ 5'  
3D19002-13 (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	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:43	EPA 8021B
Toluene	ND	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:43	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:43	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:43	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 01:43	EPA 8021B
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P3D2112	04/21/23 15:05	04/22/23 01:43	EPA 8021B
Surrogate: 1,4-Difluorobenzene	100 %	80-120			P3D2112	04/21/23 15:05	04/22/23 01:43	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 00:09	TPH 8015M
>C12-C28	ND	25.5	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 00:09	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 00:09	TPH 8015M
Surrogate: 1-Chlorooctane	74.4 %	70-130			P3D2006	04/20/23 15:00	04/23/23 00:09	TPH 8015M
Surrogate: o-Terphenyl	81.2 %	70-130			P3D2006	04/20/23 15:00	04/23/23 00:09	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/20/23 15:00	04/23/23 00:09	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	1780	1.02	mg/kg dry	1	P3D2604	04/26/23 08:00	04/27/23 06:17	EPA 300.0
% Moisture	2.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 14 @ 5'  
3D19002-14 (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	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 02:04	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 02:04	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 02:04	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 02:04	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2112	04/21/23 15:05	04/22/23 02:04	EPA 8021B
Surrogate: 1,4-Difluorobenzene	100 %	80-120			P3D2112	04/21/23 15:05	04/22/23 02:04	EPA 8021B
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P3D2112	04/21/23 15:05	04/22/23 02:04	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 00:32	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 00:32	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 00:32	TPH 8015M
Surrogate: 1-Chlorooctane	80.2 %	70-130			P3D2006	04/20/23 15:00	04/23/23 00:32	TPH 8015M
Surrogate: o-Terphenyl	86.9 %	70-130			P3D2006	04/20/23 15:00	04/23/23 00:32	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:00	04/23/23 00:32	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	29.8	1.01	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 12:07	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 15 @ 5'  
3D19002-15 (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	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:25	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:25	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:25	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:25	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:25	EPA 8021B
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P3D2113	04/21/23 15:08	04/25/23 13:25	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.8 %	80-120			P3D2113	04/21/23 15:08	04/25/23 13:25	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 00:55	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 00:55	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 00:55	TPH 8015M
Surrogate: 1-Chlorooctane	88.0 %	70-130			P3D2006	04/20/23 15:00	04/23/23 00:55	TPH 8015M
Surrogate: o-Terphenyl	95.8 %	70-130			P3D2006	04/20/23 15:00	04/23/23 00:55	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:00	04/23/23 00:55	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	11.9	1.01	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 12:28	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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Bottom Hole - 16 @ 5'  
3D19002-16 (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	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:46	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:46	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:46	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:46	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 13:46	EPA 8021B
Surrogate: 4-Bromofluorobenzene	106 %	80-120			P3D2113	04/21/23 15:08	04/25/23 13:46	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.2 %	80-120			P3D2113	04/21/23 15:08	04/25/23 13:46	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 01:18	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 01:18	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/23/23 01:18	TPH 8015M
Surrogate: 1-Chlorooctane	82.7 %	70-130			P3D2006	04/20/23 15:00	04/23/23 01:18	TPH 8015M
Surrogate: o-Terphenyl	89.4 %	70-130			P3D2006	04/20/23 15:00	04/23/23 01:18	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:00	04/23/23 01:18	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	14.6	1.01	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 12:48	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 17 @ 5'  
3D19002-17 (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	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:07	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:07	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:07	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:07	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:07	EPA 8021B
Surrogate: 4-Bromofluorobenzene	102 %	80-120		P3D2113	04/21/23 15:08	04/25/23 14:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %	80-120		P3D2113	04/21/23 15:08	04/25/23 14:07	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 12:18	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 12:18	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 12:18	TPH 8015M
Surrogate: 1-Chlorooctane	56.0 %	70-130		P3D2006	04/20/23 15:00	04/24/23 12:18	TPH 8015M	S-GC1
Surrogate: o-Terphenyl	63.2 %	70-130		P3D2006	04/20/23 15:00	04/24/23 12:18	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:00	04/24/23 12:18	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	468	1.01	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 13:09	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 18 @ 5'  
3D19002-18 (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	0.00100	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:28	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:28	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:28	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:28	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:28	EPA 8021B
Surrogate: 4-Bromofluorobenzene	101 %	80-120			P3D2113	04/21/23 15:08	04/25/23 14:28	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.2 %	80-120			P3D2113	04/21/23 15:08	04/25/23 14:28	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 12:41	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 12:41	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2006	04/20/23 15:00	04/24/23 12:41	TPH 8015M
Surrogate: 1-Chlorooctane	79.6 %	70-130			P3D2006	04/20/23 15:00	04/24/23 12:41	TPH 8015M
Surrogate: o-Terphenyl	84.8 %	70-130			P3D2006	04/20/23 15:00	04/24/23 12:41	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:00	04/24/23 12:41	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	84.6	1.00	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 13:29	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 19 @ 5'

3D19002-19 (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	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:48	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:48	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:48	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:48	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 14:48	EPA 8021B
Surrogate: 4-Bromofluorobenzene	105 %	80-120			P3D2113	04/21/23 15:08	04/25/23 14:48	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.7 %	80-120			P3D2113	04/21/23 15:08	04/25/23 14:48	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 12:46	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 12:46	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 12:46	TPH 8015M
Surrogate: 1-Chlorooctane	76.2 %	70-130			P3D2102	04/20/23 15:50	04/22/23 12:46	TPH 8015M
Surrogate: o-Terphenyl	86.7 %	70-130			P3D2102	04/20/23 15:50	04/22/23 12:46	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 12:46	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	17.5	1.01	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 13:50	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	ASTM D2216

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 20 @ 5'  
3D19002-20 (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	0.00100	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 15:14	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 15:14	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 15:14	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 15:14	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2113	04/21/23 15:08	04/25/23 15:14	EPA 8021B
Surrogate: 4-Bromofluorobenzene	109 %	80-120			P3D2113	04/21/23 15:08	04/25/23 15:14	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.5 %	80-120			P3D2113	04/21/23 15:08	04/25/23 15:14	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 13:11	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 13:11	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 13:11	TPH 8015M
Surrogate: 1-Chlorooctane	83.0 %	70-130			P3D2102	04/20/23 15:50	04/22/23 13:11	TPH 8015M
Surrogate: o-Terphenyl	87.8 %	70-130			P3D2102	04/20/23 15:50	04/22/23 13:11	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 13:11	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	32.9	1.00	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 14:10	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 21 @ 5'  
3D19002-21 (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	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 20:56	EPA 8021B
Toluene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 20:56	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 20:56	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 20:56	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 20:56	EPA 8021B
Surrogate: 4-Bromofluorobenzene	94.6 %	80-120		P3D2608	04/26/23 15:30	04/26/23 20:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.2 %	80-120		P3D2608	04/26/23 15:30	04/26/23 20:56	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 09:34	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 09:34	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 09:34	TPH 8015M	
Surrogate: 1-Chlorooctane		67.9 %	70-130		P3D2102	04/20/23 15:50	04/24/23 09:34	TPH 8015M	S-GC
Surrogate: o-Terphenyl		79.9 %	70-130		P3D2102	04/20/23 15:50	04/24/23 09:34	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/20/23 15:50	04/24/23 09:34	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	8670	10.2	mg/kg dry	10	P3D2605	04/26/23 08:00	04/26/23 14:31	EPA 300.0
% Moisture	2.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 22 @ 5'  
3D19002-22 (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	0.00103	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 21:17	EPA 8021B
Toluene	ND	0.00103	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 21:17	EPA 8021B
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 21:17	EPA 8021B
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 21:17	EPA 8021B
Xylene (o)	ND	0.00103	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 21:17	EPA 8021B
Surrogate: 4-Bromofluorobenzene	99.6 %	80-120			P3D2608	04/26/23 15:30	04/26/23 21:17	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.8 %	80-120			P3D2608	04/26/23 15:30	04/26/23 21:17	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 14:02	TPH 8015M
>C12-C28	ND	25.8	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 14:02	TPH 8015M
>C28-C35	ND	25.8	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 14:02	TPH 8015M
Surrogate: 1-Chlorooctane	72.0 %	70-130			P3D2102	04/20/23 15:50	04/22/23 14:02	TPH 8015M
Surrogate: o-Terphenyl	89.6 %	70-130			P3D2102	04/20/23 15:50	04/22/23 14:02	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 14:02	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	385	1.03	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 15:32	EPA 300.0
% Moisture	3.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 23 @ 5'  
3D19002-23 (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	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:19	EPA 8021B
Toluene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:19	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:19	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:19	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:19	EPA 8021B
Surrogate: 4-Bromofluorobenzene	96.4 %	80-120			P3D2608	04/26/23 15:30	04/26/23 22:19	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.3 %	80-120			P3D2608	04/26/23 15:30	04/26/23 22:19	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 09:59	TPH 8015M
>C12-C28	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 09:59	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 09:59	TPH 8015M
Surrogate: 1-Chlorooctane	74.5 %	70-130			P3D2102	04/20/23 15:50	04/24/23 09:59	TPH 8015M
Surrogate: o-Terphenyl	87.9 %	70-130			P3D2102	04/20/23 15:50	04/24/23 09:59	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/20/23 15:50	04/24/23 09:59	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	220	1.02	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 15:53	EPA 300.0
% Moisture	2.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3  
Project Number: 17489  
Project Manager: Blake Estep

**Bottom Hole - 24 @ 5'**  
**3D19002-24 (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	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:39	EPA 8021B
Toluene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:39	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:39	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:39	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 22:39	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.4 %	80-120			P3D2608	04/26/23 15:30	04/26/23 22:39	EPA 8021B
Surrogate: 4-Bromofluorobenzene	96.0 %	80-120			P3D2608	04/26/23 15:30	04/26/23 22:39	EPA 8021B

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 10:24	TPH 8015M
>C12-C28	34.3	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 10:24	TPH 8015M
>C28-C35	26.3	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 10:24	TPH 8015M
Surrogate: 1-Chlorooctane	69.5 %	70-130			P3D2102	04/20/23 15:50	04/24/23 10:24	TPH 8015M S-GC
Surrogate: o-Terphenyl	79.9 %	70-130			P3D2102	04/20/23 15:50	04/24/23 10:24	TPH 8015M
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>60.5</b>	25.5	mg/kg dry	1	[CALC]	04/20/23 15:50	04/24/23 10:24	calc

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	89.0	1.02	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 16:54	EPA 300.0
% Moisture	2.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 25 @ 5'  
3D19002-25 (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	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:00	EPA 8021B
Toluene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:00	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:00	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:00	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:00	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.6 %	80-120		P3D2608	04/26/23 15:30	04/26/23 23:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %	80-120		P3D2608	04/26/23 15:30	04/26/23 23:00	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 15:18	TPH 8015M
>C12-C28	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 15:18	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 15:18	TPH 8015M
Surrogate: 1-Chlorooctane	80.0 %	70-130		P3D2102	04/20/23 15:50	04/22/23 15:18	TPH 8015M	
Surrogate: o-Terphenyl	89.3 %	70-130		P3D2102	04/20/23 15:50	04/22/23 15:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 15:18	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	17.0	1.02	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 17:36	EPA 300.0
% Moisture	2.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 26 @ 5'

3D19002-26 (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	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:21	EPA 8021B
Toluene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:21	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:21	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:21	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:21	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.9 %	80-120			P3D2608	04/26/23 15:30	04/26/23 23:21	EPA 8021B
Surrogate: 4-Bromofluorobenzene	103 %	80-120			P3D2608	04/26/23 15:30	04/26/23 23:21	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 15:44	TPH 8015M
>C12-C28	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 15:44	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 15:44	TPH 8015M
Surrogate: 1-Chlorooctane	81.4 %	70-130			P3D2102	04/20/23 15:50	04/22/23 15:44	TPH 8015M
Surrogate: o-Terphenyl	90.7 %	70-130			P3D2102	04/20/23 15:50	04/22/23 15:44	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 15:44	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	28.6	1.02	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 17:56	EPA 300.0
% Moisture	2.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	ASTM D2216

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 27 @ 5'  
3D19002-27 (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	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:41	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:41	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:41	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:41	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/26/23 23:41	EPA 8021B
Surrogate: 4-Bromofluorobenzene	105 %	80-120			P3D2608	04/26/23 15:30	04/26/23 23:41	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.4 %	80-120			P3D2608	04/26/23 15:30	04/26/23 23:41	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 16:10	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 16:10	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 16:10	TPH 8015M
Surrogate: 1-Chlorooctane	75.8 %	70-130			P3D2102	04/20/23 15:50	04/22/23 16:10	TPH 8015M
Surrogate: o-Terphenyl	85.8 %	70-130			P3D2102	04/20/23 15:50	04/22/23 16:10	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 16:10	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	44.4	1.01	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 18:17	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 28 @ 5'  
3D19002-28 (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	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:02	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:02	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:02	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:02	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:02	EPA 8021B
Surrogate: 4-Bromofluorobenzene	104 %	80-120			P3D2608	04/26/23 15:30	04/27/23 00:02	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.2 %	80-120			P3D2608	04/26/23 15:30	04/27/23 00:02	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 10:49	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 10:49	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 10:49	TPH 8015M
Surrogate: 1-Chlorooctane	75.7 %	70-130			P3D2102	04/20/23 15:50	04/24/23 10:49	TPH 8015M
Surrogate: o-Terphenyl	81.4 %	70-130			P3D2102	04/20/23 15:50	04/24/23 10:49	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:50	04/24/23 10:49	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	43.7	1.01	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 18:37	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 29 @ 5'  
3D19002-29 (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	0.00100	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:24	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:24	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:24	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:24	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:24	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.0 %	80-120		P3D2608	04/26/23 15:30	04/27/23 00:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %	80-120		P3D2608	04/26/23 15:30	04/27/23 00:24	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 17:52	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 17:52	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 17:52	TPH 8015M
Surrogate: 1-Chlorooctane	82.5 %	70-130		P3D2102	04/20/23 15:50	04/22/23 17:52	TPH 8015M	
Surrogate: o-Terphenyl	93.1 %	70-130		P3D2102	04/20/23 15:50	04/22/23 17:52	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 17:52	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	152	1.00	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 18:58	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 30 @ 5'  
3D19002-30 (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	0.00100	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:45	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:45	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:45	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:45	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 00:45	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.5 %	80-120		P3D2608	04/26/23 15:30	04/27/23 00:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %	80-120		P3D2608	04/26/23 15:30	04/27/23 00:45	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 18:17	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 18:17	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 18:17	TPH 8015M
Surrogate: 1-Chlorooctane	85.4 %	70-130		P3D2102	04/20/23 15:50	04/22/23 18:17	TPH 8015M	
Surrogate: o-Terphenyl	91.3 %	70-130		P3D2102	04/20/23 15:50	04/22/23 18:17	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 18:17	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	234	1.00	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 19:18	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 31 @ 5'  
3D19002-31 (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	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 01:06	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 01:06	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 01:06	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 01:06	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2608	04/26/23 15:30	04/27/23 01:06	EPA 8021B
Surrogate: 4-Bromofluorobenzene	107 %	80-120			P3D2608	04/26/23 15:30	04/27/23 01:06	EPA 8021B
Surrogate: 1,4-Difluorobenzene	96.7 %	80-120			P3D2608	04/26/23 15:30	04/27/23 01:06	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 18:42	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 18:42	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 18:42	TPH 8015M
Surrogate: 1-Chlorooctane	80.2 %	70-130			P3D2102	04/20/23 15:50	04/22/23 18:42	TPH 8015M
Surrogate: o-Terphenyl	91.3 %	70-130			P3D2102	04/20/23 15:50	04/22/23 18:42	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 18:42	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	370	1.01	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 19:39	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3  
Project Number: 17489  
Project Manager: Blake Estep

**Bottom Hole - 32 @ 5'**  
**3D19002-32 (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	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/28/23 09:57	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/28/23 09:57	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/28/23 09:57	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2707	04/27/23 15:09	04/28/23 09:57	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/28/23 09:57	EPA 8021B
Surrogate: 4-Bromofluorobenzene	89.8 %	80-120			P3D2707	04/27/23 15:09	04/28/23 09:57	EPA 8021B
Surrogate: 1,4-Difluorobenzene	94.5 %	80-120			P3D2707	04/27/23 15:09	04/28/23 09:57	EPA 8021B

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 19:06	TPH 8015M
>C12-C28	93.6	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 19:06	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 19:06	TPH 8015M
Surrogate: 1-Chlorooctane	87.0 %	70-130			P3D2102	04/20/23 15:50	04/22/23 19:06	TPH 8015M
Surrogate: o-Terphenyl	102 %	70-130			P3D2102	04/20/23 15:50	04/22/23 19:06	TPH 8015M
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>93.6</b>	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 19:06	calc

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	1650	1.00	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 19:59	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 33 @ 5'  
3D19002-33 (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	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:13	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:13	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:13	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:13	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:13	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.0 %	80-120			P3D2707	04/27/23 15:09	04/27/23 20:13	EPA 8021B
Surrogate: 4-Bromofluorobenzene	96.6 %	80-120			P3D2707	04/27/23 15:09	04/27/23 20:13	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 19:31	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 19:31	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 19:31	TPH 8015M
Surrogate: 1-Chlorooctane	82.1 %	70-130			P3D2102	04/20/23 15:50	04/22/23 19:31	TPH 8015M
Surrogate: o-Terphenyl	92.5 %	70-130			P3D2102	04/20/23 15:50	04/22/23 19:31	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 19:31	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	151	1.00	mg/kg dry	1	P3D2605	04/26/23 08:00	04/26/23 20:20	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 34 @ 5'  
3D19002-34 (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	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:33	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:33	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:33	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:33	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2707	04/27/23 15:09	04/27/23 20:33	EPA 8021B
Surrogate: 4-Bromofluorobenzene	98.2 %	80-120			P3D2707	04/27/23 15:09	04/27/23 20:33	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.8 %	80-120			P3D2707	04/27/23 15:09	04/27/23 20:33	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 19:55	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 19:55	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 19:55	TPH 8015M
Surrogate: 1-Chlorooctane	81.9 %	70-130			P3D2102	04/20/23 15:50	04/22/23 19:55	TPH 8015M
Surrogate: o-Terphenyl	92.7 %	70-130			P3D2102	04/20/23 15:50	04/22/23 19:55	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 19:55	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	95.6	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 17:30	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 35 @ 5'  
3D19002-35 (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	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/25/23 23:49	EPA 8021B
Toluene	0.00207	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/25/23 23:49	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/25/23 23:49	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2501	04/25/23 09:48	04/25/23 23:49	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/25/23 23:49	EPA 8021B
Surrogate: 4-Bromofluorobenzene	100 %	80-120			P3D2501	04/25/23 09:48	04/25/23 23:49	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.0 %	80-120			P3D2501	04/25/23 09:48	04/25/23 23:49	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 20:19	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 20:19	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 20:19	TPH 8015M
Surrogate: 1-Chlorooctane	79.4 %	70-130			P3D2102	04/20/23 15:50	04/22/23 20:19	TPH 8015M
Surrogate: o-Terphenyl	90.8 %	70-130			P3D2102	04/20/23 15:50	04/22/23 20:19	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 20:19	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	59.2	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 17:59	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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North Sidewall - 1 @ 3'  
3D19002-36 (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	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:10	EPA 8021B
Toluene	0.00175	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:10	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:10	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:10	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:10	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.2 %	80-120		P3D2501	04/25/23 09:48	04/26/23 00:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.9 %	80-120		P3D2501	04/25/23 09:48	04/26/23 00:10	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 20:44	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 20:44	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 20:44	TPH 8015M
Surrogate: 1-Chlorooctane	86.7 %	70-130		P3D2102	04/20/23 15:50	04/22/23 20:44	TPH 8015M	
Surrogate: o-Terphenyl	96.0 %	70-130		P3D2102	04/20/23 15:50	04/22/23 20:44	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 20:44	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	196	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 18:13	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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North Sidewall - 2 @ 3'  
3D19002-37 (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	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:31	EPA 8021B
Toluene	0.00183	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:31	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:31	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:31	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:31	EPA 8021B
Surrogate: 4-Bromofluorobenzene	99.0 %	80-120		P3D2501	04/25/23 09:48	04/26/23 00:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.9 %	80-120		P3D2501	04/25/23 09:48	04/26/23 00:31	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 21:09	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 21:09	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/22/23 21:09	TPH 8015M
Surrogate: 1-Chlorooctane	85.7 %	70-130		P3D2102	04/20/23 15:50	04/22/23 21:09	TPH 8015M	
Surrogate: o-Terphenyl	88.7 %	70-130		P3D2102	04/20/23 15:50	04/22/23 21:09	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/22/23 21:09	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	192	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 18:27	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

North Sidewall - 3 @ 3'  
3D19002-38 (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	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:51	EPA 8021B
Toluene	0.00155	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:51	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:51	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:51	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 00:51	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.0 %	80-120			P3D2501	04/25/23 09:48	04/26/23 00:51	EPA 8021B
Surrogate: 4-Bromofluorobenzene	100 %	80-120			P3D2501	04/25/23 09:48	04/26/23 00:51	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 11:13	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 11:13	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2102	04/20/23 15:50	04/24/23 11:13	TPH 8015M
Surrogate: 1-Chlorooctane	68.8 %	70-130			P3D2102	04/20/23 15:50	04/24/23 11:13	TPH 8015M S-GC1
Surrogate: o-Terphenyl	68.3 %	70-130			P3D2102	04/20/23 15:50	04/24/23 11:13	TPH 8015M S-GC1
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/20/23 15:50	04/24/23 11:13	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	103	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 18:41	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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North Sidewall - 4 @ 3'  
3D19002-39 (Soil)

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

<b>BTEX by 8021B</b>								
Benzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:12	EPA 8021B
Toluene	0.00163	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:12	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:12	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:12	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:12	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.1 %	80-120			P3D2501	04/25/23 09:48	04/26/23 01:12	EPA 8021B
Surrogate: 4-Bromofluorobenzene	100 %	80-120			P3D2501	04/25/23 09:48	04/26/23 01:12	EPA 8021B

<b>Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M</b>								
C6-C12	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 14:43	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 14:43	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 14:43	TPH 8015M
Surrogate: 1-Chlorooctane	75.0 %	70-130			P3D2507	04/25/23 08:00	04/25/23 14:43	TPH 8015M
Surrogate: o-Terphenyl	78.9 %	70-130			P3D2507	04/25/23 08:00	04/25/23 14:43	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/25/23 08:00	04/25/23 14:43	calc

<b>General Chemistry Parameters by EPA / Standard Methods</b>								
Chloride	42.2	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 18:56	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

South Sidewall - 1 @ 3'  
3D19002-40 (Soil)

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

<b>BTEX by 8021B</b>								
Benzene	ND	0.00102	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:33	EPA 8021B
Toluene	0.00107	0.00102	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:33	EPA 8021B
Ethylbenzene	ND	0.00102	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:33	EPA 8021B
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:33	EPA 8021B
Xylene (o)	ND	0.00102	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:33	EPA 8021B
Surrogate: 4-Bromofluorobenzene	98.7 %	80-120			P3D2501	04/25/23 09:48	04/26/23 01:33	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.2 %	80-120			P3D2501	04/25/23 09:48	04/26/23 01:33	EPA 8021B

<b>Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M</b>								
C6-C12	ND	25.5	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 15:06	TPH 8015M
>C12-C28	ND	25.5	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 15:06	TPH 8015M
>C28-C35	ND	25.5	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 15:06	TPH 8015M
Surrogate: 1-Chlorooctane	71.5 %	70-130			P3D2507	04/25/23 08:00	04/25/23 15:06	TPH 8015M
Surrogate: o-Terphenyl	80.2 %	70-130			P3D2507	04/25/23 08:00	04/25/23 15:06	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/25/23 08:00	04/25/23 15:06	calc

<b>General Chemistry Parameters by EPA / Standard Methods</b>								
Chloride	178	1.02	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 19:10	EPA 300.0
% Moisture	2.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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South Sidewall - 2 @ 3'  
3D19002-41 (Soil)

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

<b>BTEX by 8021B</b>								
Benzene	ND	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:53	EPA 8021B
Toluene	0.00111	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:53	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:53	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:53	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 01:53	EPA 8021B
Surrogate: 4-Bromofluorobenzene	99.9 %	80-120			P3D2501	04/25/23 09:48	04/26/23 01:53	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.6 %	80-120			P3D2501	04/25/23 09:48	04/26/23 01:53	EPA 8021B

<b>Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M</b>								
C6-C12	ND	25.3	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 15:30	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 15:30	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 15:30	TPH 8015M
Surrogate: 1-Chlorooctane	72.2 %	70-130			P3D2507	04/25/23 08:00	04/25/23 15:30	TPH 8015M
Surrogate: o-Terphenyl	82.4 %	70-130			P3D2507	04/25/23 08:00	04/25/23 15:30	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/25/23 08:00	04/25/23 15:30	calc

<b>General Chemistry Parameters by EPA / Standard Methods</b>								
Chloride	499	1.01	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 19:24	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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South Sidewall - 3 @ 3'  
3D19002-42 (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	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:14	EPA 8021B
Toluene	0.00138	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:14	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:14	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:14	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:14	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.1 %	80-120		P3D2501	04/25/23 09:48	04/26/23 02:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %	80-120		P3D2501	04/25/23 09:48	04/26/23 02:14	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 15:53	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 15:53	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 15:53	TPH 8015M
Surrogate: 1-Chlorooctane	71.8 %	70-130		P3D2507	04/25/23 08:00	04/25/23 15:53	TPH 8015M	
Surrogate: o-Terphenyl	73.0 %	70-130		P3D2507	04/25/23 08:00	04/25/23 15:53	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/25/23 08:00	04/25/23 15:53	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	103	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 19:39	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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South Sidewall - 4 @ 3'  
3D19002-43 (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	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:35	EPA 8021B
Toluene	0.00129	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:35	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:35	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:35	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 02:35	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.9 %	80-120		P3D2501	04/25/23 09:48	04/26/23 02:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %	80-120		P3D2501	04/25/23 09:48	04/26/23 02:35	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 16:17	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 16:17	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 16:17	TPH 8015M
Surrogate: 1-Chlorooctane	70.3 %	70-130		P3D2507	04/25/23 08:00	04/25/23 16:17	TPH 8015M	
Surrogate: o-Terphenyl	74.3 %	70-130		P3D2507	04/25/23 08:00	04/25/23 16:17	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/25/23 08:00	04/25/23 16:17	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	91.4	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 19:53	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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West Sidewall - 1 @ 3'  
3D19002-44 (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	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:37	EPA 8021B
Toluene	0.00114	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:37	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:37	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:37	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:37	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.6 %	80-120		P3D2501	04/25/23 09:48	04/26/23 03:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %	80-120		P3D2501	04/25/23 09:48	04/26/23 03:37	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 16:40	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 16:40	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 16:40	TPH 8015M
Surrogate: 1-Chlorooctane	74.7 %	70-130		P3D2507	04/25/23 08:00	04/25/23 16:40	TPH 8015M	
Surrogate: o-Terphenyl	80.3 %	70-130		P3D2507	04/25/23 08:00	04/25/23 16:40	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/25/23 08:00	04/25/23 16:40	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	53.5	1.01	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 20:36	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

West Sidewall - 2 @ 3'  
3D19002-45 (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	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:58	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:58	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:58	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:58	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 03:58	EPA 8021B
Surrogate: 4-Bromofluorobenzene	102 %	80-120		P3D2501	04/25/23 09:48	04/26/23 03:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %	80-120		P3D2501	04/25/23 09:48	04/26/23 03:58	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 17:04	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 17:04	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 17:04	TPH 8015M
Surrogate: 1-Chlorooctane	78.3 %	70-130		P3D2507	04/25/23 08:00	04/25/23 17:04	TPH 8015M	
Surrogate: o-Terphenyl	84.8 %	70-130		P3D2507	04/25/23 08:00	04/25/23 17:04	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/25/23 08:00	04/25/23 17:04	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	105	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 20:50	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

East Sidewall - 1 @ 3'  
3D19002-46 (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	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:18	EPA 8021B
Toluene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:18	EPA 8021B
Ethylbenzene	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:18	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:18	EPA 8021B
Xylene (o)	ND	0.00100	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:18	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.7 %	80-120			P3D2501	04/25/23 09:48	04/26/23 04:18	EPA 8021B
Surrogate: 4-Bromofluorobenzene	101 %	80-120			P3D2501	04/25/23 09:48	04/26/23 04:18	EPA 8021B

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M								
C6-C12	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 17:27	TPH 8015M
>C12-C28	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 17:27	TPH 8015M
>C28-C35	ND	25.0	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 17:27	TPH 8015M
Surrogate: 1-Chlorooctane	74.9 %	70-130			P3D2507	04/25/23 08:00	04/25/23 17:27	TPH 8015M
Surrogate: o-Terphenyl	81.4 %	70-130			P3D2507	04/25/23 08:00	04/25/23 17:27	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/25/23 08:00	04/25/23 17:27	calc

General Chemistry Parameters by EPA / Standard Methods								
Chloride	18.5	1.00	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 21:05	EPA 300.0
% Moisture	ND	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3 Project Number: 17489 Project Manager: Blake Estep
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East Sidewall - 2 @ 3'  
3D19002-47 (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	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:39	EPA 8021B
Toluene	ND	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:39	EPA 8021B
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:39	EPA 8021B
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:39	EPA 8021B
Xylene (o)	ND	0.00101	mg/kg dry	1	P3D2501	04/25/23 09:48	04/26/23 04:39	EPA 8021B
Surrogate: 4-Bromofluorobenzene	103 %	80-120		P3D2501	04/25/23 09:48	04/26/23 04:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.7 %	80-120		P3D2501	04/25/23 09:48	04/26/23 04:39	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 17:51	TPH 8015M
>C12-C28	ND	25.3	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 17:51	TPH 8015M
>C28-C35	ND	25.3	mg/kg dry	1	P3D2507	04/25/23 08:00	04/25/23 17:51	TPH 8015M
Surrogate: 1-Chlorooctane	76.5 %	70-130		P3D2507	04/25/23 08:00	04/25/23 17:51	TPH 8015M	
Surrogate: o-Terphenyl	78.9 %	70-130		P3D2507	04/25/23 08:00	04/25/23 17:51	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/25/23 08:00	04/25/23 17:51	calc

General Chemistry Parameters by EPA / Standard Methods

Chloride	270	1.01	mg/kg dry	1	P3D2708	04/26/23 14:00	04/27/23 21:19	EPA 300.0
% Moisture	1.0	0.1	%	1	P3D2103	04/21/23 11:05	04/21/23 11:17	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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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 P3D2004 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P3D2004-BLK1)**

Prepared: 04/20/23 Analyzed: 04/21/23

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	0.116		"	0.120		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			

**LCS (P3D2004-BS1)**

Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	0.117	0.00100	mg/kg	0.100		117	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

**LCS Dup (P3D2004-BS1)**

Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	0.101	0.00100	mg/kg	0.100		101	80-120	14.8	20	
Toluene	0.0991	0.00100	"	0.100		99.1	80-120	15.9	20	
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120	15.5	20	
Xylene (p/m)	0.189	0.00200	"	0.200		94.7	80-120	14.4	20	
Xylene (o)	0.0920	0.00100	"	0.100		92.0	80-120	16.3	20	
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			

**Calibration Blank (P3D2004-CCB1)**

Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.140		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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 P3D2004 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Blank (P3D2004-CCB2)**

Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.8	80-120			

**Calibration Check (P3D2004-CCV1)**

Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	0.117	0.00100	mg/kg	0.100		117	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	75-125			

**Calibration Check (P3D2004-CCV2)**

Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	0.117	0.00100	mg/kg	0.100		117	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	75-125			

**Calibration Check (P3D2004-CCV3)**

Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		99.8	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.8	75-125			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	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] 13000 West County Road 100 Odessa TX, 79765	Project: Chevron Cotton Draw Section 3 Project Number: 17489 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 P3D2004 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike (P3D2004-MS1)		Source: 3D19001-03		Prepared: 04/20/23		Analyzed: 04/21/23				
Benzene	0.103	0.00101	mg/kg dry	0.101	ND	102	80-120			
Toluene	0.0806	0.00101	"	0.101	ND	79.8	80-120			QM-05
Ethylbenzene	0.0630	0.00101	"	0.101	ND	62.3	80-120			QM-05
Xylene (p/m)	0.114	0.00202	"	0.202	ND	56.2	80-120			QM-05
Xylene (o)	0.0580	0.00101	"	0.101	ND	57.4	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	0.120		"	0.121		98.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.121		90.6	80-120			

Matrix Spike Dup (P3D2004-MSD1)		Source: 3D19001-03		Prepared: 04/20/23		Analyzed: 04/21/23				
Benzene	0.105	0.00101	mg/kg dry	0.101	ND	104	80-120	2.55	20	
Toluene	0.0825	0.00101	"	0.101	ND	81.7	80-120	2.37	20	
Ethylbenzene	0.0660	0.00101	"	0.101	ND	65.3	80-120	4.67	20	QM-05
Xylene (p/m)	0.120	0.00202	"	0.202	ND	59.4	80-120	5.50	20	QM-05
Xylene (o)	0.0609	0.00101	"	0.101	ND	60.3	80-120	4.83	20	QM-05
Surrogate: 1,4-Difluorobenzene	0.119		"	0.121		98.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.121		89.2	80-120			

Batch P3D2112 - \*\*\* DEFAULT PREP \*\*\*

Blank (P3D2112-BLK1)		Prepared & Analyzed: 04/21/23								
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	0.114		"	0.120		94.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.0977		"	0.120		81.4	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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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 P3D2112 - \*\*\* DEFAULT PREP \*\*\***

**LCS (P3D2112-BS1)**

Prepared & Analyzed: 04/21/23

Benzene	0.102	0.00100	mg/kg	0.100		102	80-120			
Toluene	0.0894	0.00100	"	0.100		89.4	80-120			
Ethylbenzene	0.0874	0.00100	"	0.100		87.4	80-120			
Xylene (p/m)	0.168	0.00200	"	0.200		84.1	80-120			
Xylene (o)	0.0840	0.00100	"	0.100		84.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.101		"	0.120		83.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

**LCS Dup (P3D2112-BSD1)**

Prepared & Analyzed: 04/21/23

Benzene	0.112	0.00100	mg/kg	0.100		112	80-120	9.57	20	
Toluene	0.0999	0.00100	"	0.100		99.9	80-120	11.1	20	
Ethylbenzene	0.0981	0.00100	"	0.100		98.1	80-120	11.5	20	
Xylene (p/m)	0.188	0.00200	"	0.200		93.8	80-120	10.9	20	
Xylene (o)	0.0932	0.00100	"	0.100		93.2	80-120	10.4	20	
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		86.0	80-120			

**Calibration Blank (P3D2112-CCB1)**

Prepared & Analyzed: 04/21/23

Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.150		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.0957		"	0.120		79.8	80-120			

**Calibration Blank (P3D2112-CCB2)**

Prepared & Analyzed: 04/21/23

Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.105		"	0.120		87.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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 P3D2112 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Blank (P3D2112-CCB3)**

Prepared: 04/21/23 Analyzed: 04/22/23

Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.110		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

**Calibration Check (P3D2112-CCV1)**

Prepared & Analyzed: 04/21/23

Benzene	0.118	0.00100	mg/kg	0.100		118	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.0957	0.00100	"	0.100		95.7	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.2	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.105		"	0.120		87.6	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	75-125			

**Calibration Check (P3D2112-CCV2)**

Prepared & Analyzed: 04/21/23

Benzene	0.120	0.00100	mg/kg	0.100		120	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	75-125			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.1	75-125			

**Calibration Check (P3D2112-CCV3)**

Prepared: 04/21/23 Analyzed: 04/22/23

Benzene	0.116	0.00100	mg/kg	0.100		116	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		106	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] 13000 West County Road 100 Odessa TX, 79765	Project: Chevron Cotton Draw Section 3 Project Number: 17489 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 P3D2112 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike (P3D2112-MS1)	Source: 3D21001-01			Prepared: 04/21/23 Analyzed: 04/22/23						
Benzene	0.109	0.00100	mg/kg dry	0.100	0.00355	106	80-120			
Toluene	0.120	0.00100	"	0.100	0.00839	111	80-120			
Ethylbenzene	0.102	0.00100	"	0.100	0.00181	100	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200	0.00162	90.2	80-120			
Xylene (o)	0.0899	0.00100	"	0.100	ND	89.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Matrix Spike Dup (P3D2112-MSD1)	Source: 3D21001-01			Prepared: 04/21/23 Analyzed: 04/22/23						
Benzene	0.107	0.00100	mg/kg dry	0.100	0.00355	104	80-120	2.05	20	
Toluene	0.115	0.00100	"	0.100	0.00839	107	80-120	3.95	20	
Ethylbenzene	0.103	0.00100	"	0.100	0.00181	101	80-120	0.418	20	
Xylene (p/m)	0.184	0.00200	"	0.200	0.00162	91.1	80-120	0.993	20	
Xylene (o)	0.0899	0.00100	"	0.100	ND	89.9	80-120	0.00	20	
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Batch P3D2113 - \*\*\* DEFAULT PREP \*\*\*

Blank (P3D2113-BLK1)	Prepared: 04/21/23 Analyzed: 04/25/23									
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	0.115		"	0.120		95.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
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 P3D2113 - \*\*\* DEFAULT PREP \*\*\*

LCS (P3D2113-BS1)		Prepared: 04/21/23 Analyzed: 04/25/23								
Benzene	0.104	0.00100	mg/kg	0.100		104	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

LCS Dup (P3D2113-BSD1)		Prepared: 04/21/23 Analyzed: 04/25/23								
Benzene	0.104	0.00100	mg/kg	0.100		104	80-120	0.116	20	
Toluene	0.103	0.00100	"	0.100		103	80-120	0.438	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	0.104	20	
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120	0.244	20	
Xylene (o)	0.100	0.00100	"	0.100		100	80-120	0.0299	20	
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Calibration Blank (P3D2113-CCB1)		Prepared: 04/21/23 Analyzed: 04/25/23								
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.1	80-120			

Calibration Blank (P3D2113-CCB2)		Prepared: 04/21/23 Analyzed: 04/26/23								
Benzene	0.00		ug/kg							
Toluene	2.44		"							B
Ethylbenzene	0.770		"							
Xylene (p/m)	1.60		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		85.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			

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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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 P3D2113 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Check (P3D2113-CCV1)**

Prepared: 04/21/23 Analyzed: 04/25/23

Benzene	0.0968	0.00100	mg/kg	0.100		96.8	80-120			
Toluene	0.0904	0.00100	"	0.100		90.4	80-120			
Ethylbenzene	0.0851	0.00100	"	0.100		85.1	80-120			
Xylene (p/m)	0.173	0.00200	"	0.200		86.4	80-120			
Xylene (o)	0.0874	0.00100	"	0.100		87.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.5	75-125			

**Calibration Check (P3D2113-CCV2)**

Prepared: 04/21/23 Analyzed: 04/26/23

Benzene	0.105	0.00100	mg/kg	0.100		105	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.0963	0.00100	"	0.100		96.3	80-120			
Xylene (p/m)	0.178	0.00200	"	0.200		88.8	80-120			
Xylene (o)	0.0890	0.00100	"	0.100		89.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.4	75-125			

**Calibration Check (P3D2113-CCV3)**

Prepared: 04/21/23 Analyzed: 04/25/23

Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.7	75-125			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	75-125			

**Matrix Spike (P3D2113-MS1)**

Source: 3D19002-19

Prepared: 04/21/23 Analyzed: 04/25/23

Benzene	0.0502	0.00101	mg/kg dry	0.101	ND	49.7	80-120			QM-05
Toluene	0.0137	0.00101	"	0.101	ND	13.6	80-120			QM-05
Ethylbenzene	0.0228	0.00101	"	0.101	ND	22.6	80-120			QM-05
Xylene (p/m)	0.00172	0.00202	"	0.202	ND	0.850	80-120			QM-05
Xylene (o)	0.0640	0.00101	"	0.101	ND	63.4	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	0.121		"	0.121		99.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.121		101	80-120			

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: Chevron Cotton Draw Section 3 Project Number: 17489 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 P3D2113 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike Dup (P3D2113-MSD1)	Source: 3D19002-19			Prepared: 04/21/23		Analyzed: 04/25/23				
Benzene	0.0963	0.00101	mg/kg dry	0.101	ND	95.3	80-120	63.0	20	QM-05
Toluene	0.0240	0.00101	"	0.101	ND	23.8	80-120	54.7	20	QM-05
Ethylbenzene	0.0309	0.00101	"	0.101	ND	30.6	80-120	30.3	20	QM-05
Xylene (p/m)	0.00164	0.00202	"	0.202	ND	0.810	80-120	4.82	20	QM-05
Xylene (o)	0.0760	0.00101	"	0.101	ND	75.2	80-120	17.2	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.121		"	0.121		99.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.121		99.3	80-120			

Batch P3D2501 - \*\*\* DEFAULT PREP \*\*\*

Blank (P3D2501-BLK1)	Prepared & Analyzed: 04/25/23									
Benzene	ND	0.00100	mg/kg							
Toluene	0.00222	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.5	80-120			

LCS (P3D2501-BS1)	Prepared & Analyzed: 04/25/23									
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.5	80-120			

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

Project: Chevron Cotton Draw Section 3  
Project Number: 17489  
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 P3D2501 - \*\*\* DEFAULT PREP \*\*\***

**LCS Dup (P3D2501-BSD1)**

Prepared & Analyzed: 04/25/23

Benzene	0.107	0.00100	mg/kg	0.100		107	80-120	10.2	20	
Toluene	0.105	0.00100	"	0.100		105	80-120	12.0	20	
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120	12.8	20	
Xylene (p/m)	0.189	0.00200	"	0.200		94.7	80-120	12.9	20	
Xylene (o)	0.0926	0.00100	"	0.100		92.6	80-120	13.6	20	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	80-120			

**Calibration Blank (P3D2501-CCB1)**

Prepared & Analyzed: 04/25/23

Benzene	0.00		ug/kg							
Toluene	2.72		"							
Ethylbenzene	0.460		"							
Xylene (p/m)	1.08		"							
Xylene (o)	0.290		"							
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.5	80-120			

**Calibration Blank (P3D2501-CCB2)**

Prepared: 04/25/23 Analyzed: 04/26/23

Benzene	0.00		ug/kg							
Toluene	0.930		"							
Ethylbenzene	0.260		"							
Xylene (p/m)	0.400		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			

**Calibration Check (P3D2501-CCV1)**

Prepared & Analyzed: 04/25/23

Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.7	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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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 P3D2501 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Check (P3D2501-CCV2)**

Prepared: 04/25/23 Analyzed: 04/26/23

Benzene	0.120	0.00100	mg/kg	0.100		120	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		102	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.5	75-125			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	75-125			

**Calibration Check (P3D2501-CCV3)**

Prepared: 04/25/23 Analyzed: 04/26/23

Benzene	0.120	0.00100	mg/kg	0.100		120	80-120			
Toluene	0.120	0.00100	"	0.100		120	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			

**Matrix Spike (P3D2501-MS1)**

Source: 3D19002-35

Prepared: 04/25/23 Analyzed: 04/26/23

Benzene	0.0885	0.00100	mg/kg dry	0.100	ND	88.5	80-120			
Toluene	0.0873	0.00100	"	0.100	0.00207	85.3	80-120			
Ethylbenzene	0.0828	0.00100	"	0.100	ND	82.8	80-120			
Xylene (p/m)	0.151	0.00200	"	0.200	0.00120	74.7	80-120			
Xylene (o)	0.0743	0.00100	"	0.100	ND	74.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			

**Matrix Spike Dup (P3D2501-MSD1)**

Source: 3D19002-35

Prepared: 04/25/23 Analyzed: 04/26/23

Benzene	0.0991	0.00100	mg/kg dry	0.100	ND	99.1	80-120	11.3	20	
Toluene	0.0986	0.00100	"	0.100	0.00207	96.5	80-120	12.4	20	
Ethylbenzene	0.0956	0.00100	"	0.100	ND	95.6	80-120	14.2	20	
Xylene (p/m)	0.175	0.00200	"	0.200	0.00120	87.1	80-120	15.3	20	
Xylene (o)	0.0854	0.00100	"	0.100	ND	85.4	80-120	13.9	20	
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	80-120			

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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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 P3D2608 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P3D2608-BLK1)**

Prepared & Analyzed: 04/26/23

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	0.101		"	0.120		83.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.0	80-120			

**LCS (P3D2608-BS1)**

Prepared & Analyzed: 04/26/23

Benzene	0.102	0.00100	mg/kg	0.100		102	80-120			
Toluene	0.0932	0.00100	"	0.100		93.2	80-120			
Ethylbenzene	0.0924	0.00100	"	0.100		92.4	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.4	80-120			
Xylene (o)	0.0873	0.00100	"	0.100		87.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120			

**LCS Dup (P3D2608-BSD1)**

Prepared: 04/26/23 Analyzed: 04/27/23

Benzene	0.114	0.00100	mg/kg	0.100		114	80-120	10.9	20	
Toluene	0.105	0.00100	"	0.100		105	80-120	12.3	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	13.7	20	
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120	13.2	20	
Xylene (o)	0.100	0.00100	"	0.100		100	80-120	13.8	20	
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.0	80-120			

**Calibration Blank (P3D2608-CCB1)**

Prepared & Analyzed: 04/26/23

Benzene	0.00		ug/kg							
Toluene	0.480		"							
Ethylbenzene	0.230		"							
Xylene (p/m)	0.460		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.104		"	0.120		86.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		93.8	80-120			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
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 P3D2608 - \*\*\* DEFAULT PREP \*\*\*

Calibration Blank (P3D2608-CCB2)				Prepared & Analyzed: 04/26/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.150		"							
Xylene (p/m)	0.220		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.1	80-120			

Calibration Check (P3D2608-CCV1)				Prepared & Analyzed: 04/26/23						
Benzene	0.105	0.00100	mg/kg	0.100		105	80-120			
Toluene	0.0910	0.00100	"	0.100		91.0	80-120			
Ethylbenzene	0.0854	0.00100	"	0.100		85.4	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200		85.6	80-120			
Xylene (o)	0.0861	0.00100	"	0.100		86.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.0991		"	0.120		82.6	75-125			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.3	75-125			

Calibration Check (P3D2608-CCV2)				Prepared & Analyzed: 04/26/23						
Benzene	0.118	0.00100	mg/kg	0.100		118	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.1	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	75-125			

Calibration Check (P3D2608-CCV3)				Prepared: 04/26/23 Analyzed: 04/27/23						
Benzene	0.120	0.00100	mg/kg	0.100		120	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200		111	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	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] 13000 West County Road 100 Odessa TX, 79765	Project: Chevron Cotton Draw Section 3 Project Number: 17489 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 P3D2608 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike (P3D2608-MS1)		Source: 3D19002-21		Prepared: 04/26/23		Analyzed: 04/27/23				
Benzene	0.0899	0.00102	mg/kg dry	0.102	ND	88.1	80-120			
Toluene	0.0873	0.00102	"	0.102	ND	85.5	80-120			
Ethylbenzene	0.0888	0.00102	"	0.102	ND	87.0	80-120			
Xylene (p/m)	0.167	0.00204	"	0.204	ND	81.7	80-120			
Xylene (o)	0.0794	0.00102	"	0.102	ND	77.8	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	0.122		"	0.122		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.138		"	0.122		113	80-120			

Matrix Spike Dup (P3D2608-MSD1)		Source: 3D19002-21		Prepared: 04/26/23		Analyzed: 04/27/23				
Benzene	0.0936	0.00102	mg/kg dry	0.102	ND	91.7	80-120	4.02	20	
Toluene	0.0913	0.00102	"	0.102	ND	89.4	80-120	4.47	20	
Ethylbenzene	0.0923	0.00102	"	0.102	ND	90.5	80-120	3.86	20	
Xylene (p/m)	0.171	0.00204	"	0.204	ND	84.0	80-120	2.86	20	
Xylene (o)	0.0822	0.00102	"	0.102	ND	80.5	80-120	3.42	20	
Surrogate: 1,4-Difluorobenzene	0.122		"	0.122		99.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.137		"	0.122		112	80-120			

Batch P3D2707 - \*\*\* DEFAULT PREP \*\*\*

Blank (P3D2707-BLK1)		Prepared & Analyzed: 04/27/23								
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	0.112		"	0.120		93.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.104		"	0.120		86.9	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
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 P3D2707 - \*\*\* DEFAULT PREP \*\*\*

LCS (P3D2707-BS1)		Prepared & Analyzed: 04/27/23								
Benzene	0.118	0.00100	mg/kg	0.100		118	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		88.9	80-120			

LCS Dup (P3D2707-BSD1)		Prepared & Analyzed: 04/27/23								
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120	0.851	20	
Toluene	0.108	0.00100	"	0.100		108	80-120	0.157	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	0.303	20	
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120	0.378	20	
Xylene (o)	0.102	0.00100	"	0.100		102	80-120	0.137	20	
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		88.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.6	80-120			

Calibration Blank (P3D2707-CCB1)		Prepared & Analyzed: 04/27/23								
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.130		"							
Xylene (p/m)	0.190		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.0	80-120			

Calibration Blank (P3D2707-CCB2)		Prepared & Analyzed: 04/27/23								
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.130		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
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 P3D2707 - \*\*\* DEFAULT PREP \*\*\*

Calibration Check (P3D2707-CCV1)				Prepared & Analyzed: 04/27/23						
Benzene	0.104	0.00100	mg/kg	0.100		104	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0925	0.00100	"	0.100		92.5	80-120			
Xylene (p/m)	0.186	0.00200	"	0.200		93.0	80-120			
Xylene (o)	0.0911	0.00100	"	0.100		91.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.8	75-125			

Calibration Check (P3D2707-CCV2)				Prepared & Analyzed: 04/27/23						
Benzene	0.117	0.00100	mg/kg	0.100		117	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	75-125			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		97.0	75-125			

Calibration Check (P3D2707-CCV3)				Prepared: 04/27/23 Analyzed: 04/28/23						
Benzene	0.118	0.00100	mg/kg	0.100		118	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	75-125			

Matrix Spike (P3D2707-MS1)		Source: 3D27007-01		Prepared: 04/27/23 Analyzed: 04/28/23						
Benzene	0.0483	0.00101	mg/kg dry	0.101	ND	47.9	80-120			QM-05
Toluene	0.0234	0.00101	"	0.101	ND	23.2	80-120			QM-05
Ethylbenzene	0.0156	0.00101	"	0.101	0.000525	14.9	80-120			QM-05
Xylene (p/m)	0.0281	0.00202	"	0.202	0.00191	12.9	80-120			QM-05
Xylene (o)	0.0128	0.00101	"	0.101	0.000798	11.9	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0815		"	0.121		67.3	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.121		"	0.121		99.8	80-120			

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Chevron Cotton Draw Section 3 Project Number: 17489 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 P3D2707 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike Dup (P3D2707-MSD1)	Source: 3D27007-01			Prepared: 04/27/23 Analyzed: 04/28/23						
Benzene	0.0363	0.00101	mg/kg dry	0.101	ND	35.9	80-120	28.5	20	QM-05
Toluene	0.0158	0.00101	"	0.101	ND	15.7	80-120	38.6	20	QM-05
Ethylbenzene	0.0111	0.00101	"	0.101	0.000525	10.5	80-120	34.6	20	QM-05
Xylene (p/m)	0.0202	0.00202	"	0.202	0.00191	9.07	80-120	35.1	20	QM-05
Xylene (o)	0.0102	0.00101	"	0.101	0.000798	9.26	80-120	24.8	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.0926		"	0.121		76.4	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.119		"	0.121		98.4	80-120			

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: Chevron Cotton Draw Section 3 Project Number: 17489 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 P3D2006 - TX 1005

Blank (P3D2006-BLK1)		Prepared: 04/20/23 Analyzed: 04/22/23								
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	84.9		"	100		84.9	70-130			
Surrogate: o-Terphenyl	46.3		"	50.0		92.7	70-130			

LCS (P3D2006-BS1)		Prepared: 04/20/23 Analyzed: 04/22/23								
C6-C12	1020	25.0	mg/kg	1000		102	75-125			
>C12-C28	893	25.0	"	1000		89.3	75-125			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	50.2		"	50.0		100	70-130			

LCS Dup (P3D2006-BS1)		Prepared: 04/20/23 Analyzed: 04/22/23								
C6-C12	993	25.0	mg/kg	1000		99.3	75-125	2.38	20	
>C12-C28	872	25.0	"	1000		87.2	75-125	2.43	20	
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	50.8		"	50.0		102	70-130			

Calibration Check (P3D2006-CCV1)		Prepared: 04/20/23 Analyzed: 04/22/23								
C6-C12	531	25.0	mg/kg	500		106	85-115			
>C12-C28	519	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	101		"	100		101	70-130			
Surrogate: o-Terphenyl	50.3		"	50.0		101	70-130			

Calibration Check (P3D2006-CCV2)		Prepared: 04/20/23 Analyzed: 04/22/23								
C6-C12	538	25.0	mg/kg	500		108	85-115			
>C12-C28	522	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	50.4		"	50.0		101	70-130			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	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
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Batch P3D2006 - TX 1005

Calibration Check (P3D2006-CCV3)	Prepared: 04/20/23 Analyzed: 04/23/23									
C6-C12	538	25.0	mg/kg	500		108	85-115			
>C12-C28	529	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	101		"	100		101	70-130			
Surrogate: o-Terphenyl	51.4		"	50.0		103	70-130			

Matrix Spike (P3D2006-MS1)	Source: 3D19002-18			Prepared: 04/20/23 Analyzed: 04/24/23						
C6-C12	701	25.0	mg/kg dry	1000	11.8	68.9	75-125			QM-05
>C12-C28	612	25.0	"	1000	14.6	59.8	75-125			QM-05
Surrogate: 1-Chlorooctane	61.1		"	100		61.1	70-130			S-GC1
Surrogate: o-Terphenyl	26.9		"	50.0		53.8	70-130			S-GC1

Matrix Spike Dup (P3D2006-MSD1)	Source: 3D19002-18			Prepared: 04/20/23 Analyzed: 04/24/23						
C6-C12	707	25.0	mg/kg dry	1000	11.8	69.5	75-125	0.928	20	QM-05
>C12-C28	618	25.0	"	1000	14.6	60.3	75-125	0.881	20	QM-05
Surrogate: 1-Chlorooctane	64.0		"	100		64.0	70-130			S-GC1
Surrogate: o-Terphenyl	24.4		"	50.0		48.7	70-130			S-GC1

Batch P3D2102 - TX 1005

Blank (P3D2102-BLK1)	Prepared: 04/20/23 Analyzed: 04/22/23									
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	86.3		"	100		86.3	70-130			
Surrogate: o-Terphenyl	48.9		"	50.0		97.8	70-130			

LCS (P3D2102-BS1)	Prepared: 04/20/23 Analyzed: 04/22/23									
C6-C12	1020	25.0	mg/kg	1000		102	75-125			
>C12-C28	1010	25.0	"	1000		101	75-125			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	54.1		"	50.0		108	70-130			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	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
Batch P3D2102 - TX 1005										
LCS Dup (P3D2102-BSD1)				Prepared: 04/20/23 Analyzed: 04/22/23						
C6-C12	990	25.0	mg/kg	1000		99.0	75-125	2.78	20	
>C12-C28	989	25.0	"	1000		98.9	75-125	2.50	20	
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	49.8		"	50.0		99.5	70-130			
Calibration Check (P3D2102-CCV1)				Prepared: 04/20/23 Analyzed: 04/22/23						
C6-C12	505	25.0	mg/kg	500		101	85-115			
>C12-C28	551	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	98.6		"	100		98.6	70-130			
Surrogate: o-Terphenyl	49.4		"	50.0		98.8	70-130			
Calibration Check (P3D2102-CCV2)				Prepared: 04/20/23 Analyzed: 04/22/23						
C6-C12	481	25.0	mg/kg	500		96.2	85-115			
>C12-C28	558	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	98.8		"	100		98.8	70-130			
Surrogate: o-Terphenyl	49.3		"	50.0		98.6	70-130			
Matrix Spike (P3D2102-MS1)				Source: 3D19002-38	Prepared: 04/20/23 Analyzed: 04/22/23					
C6-C12	856	25.0	mg/kg dry	1000	11.0	84.5	75-125			QM-05
>C12-C28	860	25.0	"	1000	17.2	84.3	75-125			QM-05
Surrogate: 1-Chlorooctane	98.8		"	100		98.8	70-130			
Surrogate: o-Terphenyl	40.0		"	50.0		80.1	70-130			
Matrix Spike Dup (P3D2102-MSD1)				Source: 3D19002-38	Prepared: 04/20/23 Analyzed: 04/22/23					
C6-C12	1200	25.0	mg/kg dry	1000	11.0	119	75-125	34.1	20	QM-05
>C12-C28	1220	25.0	"	1000	17.2	120	75-125	35.2	20	QM-05
Surrogate: 1-Chlorooctane	107		"	100		107	70-130			
Surrogate: o-Terphenyl	55.8		"	50.0		112	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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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
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**Batch P3D2507 - TX 1005**

**Blank (P3D2507-BLK1)**

Prepared & Analyzed: 04/25/23

C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	94.3		"	100		94.3	70-130			
Surrogate: o-Terphenyl	52.1		"	50.0		104	70-130			

**LCS (P3D2507-BS1)**

Prepared & Analyzed: 04/25/23

C6-C12	975	25.0	mg/kg	1000		97.5	75-125			
>C12-C28	861	25.0	"	1000		86.1	75-125			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	51.0		"	50.0		102	70-130			

**LCS Dup (P3D2507-BSD1)**

Prepared & Analyzed: 04/25/23

C6-C12	982	25.0	mg/kg	1000		98.2	75-125	0.716	20	
>C12-C28	865	25.0	"	1000		86.5	75-125	0.498	20	
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	57.4		"	50.0		115	70-130			

**Calibration Check (P3D2507-CCV1)**

Prepared & Analyzed: 04/25/23

C6-C12	501	25.0	mg/kg	500		100	85-115			
>C12-C28	474	25.0	"	500		94.8	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	52.2		"	50.0		104	70-130			

**Calibration Check (P3D2507-CCV2)**

Prepared & Analyzed: 04/25/23

C6-C12	517	25.0	mg/kg	500		103	85-115			
>C12-C28	499	25.0	"	500		99.9	85-115			
Surrogate: 1-Chlorooctane	108		"	100		108	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]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	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
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Batch P3D2507 - TX 1005

Duplicate (P3D2507-DUP1)	Source: 3D24001-03			Prepared & Analyzed: 04/25/23						
C6-C12	4070	278	mg/kg dry		4150			2.16	20	R3
>C12-C28	25000	278	"		24600			1.56	20	R3
Surrogate: 1-Chlorooctane	104		"	111		94.0	70-130			
Surrogate: o-Terphenyl	53.6		"	55.6		96.4	70-130			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
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 P3D2103 - *** DEFAULT PREP ***										
Blank (P3D2103-BLK1)				Prepared & Analyzed: 04/21/23						
% Moisture	ND	0.1	%							
Blank (P3D2103-BLK2)				Prepared & Analyzed: 04/21/23						
% Moisture	16.0	0.1	%							
Blank (P3D2103-BLK3)				Prepared & Analyzed: 04/21/23						
% Moisture	ND	0.1	%							
Blank (P3D2103-BLK4)				Prepared & Analyzed: 04/21/23						
% Moisture	1.0	0.1	%							
Blank (P3D2103-BLK5)				Prepared & Analyzed: 04/21/23						
% Moisture	ND	0.1	%							
Blank (P3D2103-BLK6)				Prepared & Analyzed: 04/21/23						
% Moisture	ND	0.1	%							
Duplicate (P3D2103-DUP1)		Source: 3D19001-03		Prepared & Analyzed: 04/21/23						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P3D2103-DUP2)		Source: 3D19001-13		Prepared & Analyzed: 04/21/23						
% Moisture	5.0	0.1	%		4.0			22.2	20	R
Duplicate (P3D2103-DUP3)		Source: 3D19002-07		Prepared & Analyzed: 04/21/23						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P3D2103-DUP4)		Source: 3D19002-17		Prepared & Analyzed: 04/21/23						
% Moisture	1.0	0.1	%		1.0			0.00	20	

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
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 P3D2103 - *** DEFAULT PREP ***										
Duplicate (P3D2103-DUP5)	Source: 3D19002-32			Prepared & Analyzed: 04/21/23						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P3D2103-DUP6)	Source: 3D19002-42			Prepared & Analyzed: 04/21/23						
% Moisture	1.0	0.1	%		ND			200	20	R
Duplicate (P3D2103-DUP7)	Source: 3D19009-01			Prepared & Analyzed: 04/21/23						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P3D2103-DUP8)	Source: 3D19009-11			Prepared & Analyzed: 04/21/23						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P3D2103-DUP9)	Source: 3D19009-17			Prepared & Analyzed: 04/21/23						
% Moisture	11.0	0.1	%		14.0			24.0	20	R
Duplicate (P3D2103-DUPA)	Source: 3D19009-36			Prepared & Analyzed: 04/21/23						
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P3D2103-DUPB)	Source: 3D19009-48			Prepared & Analyzed: 04/21/23						
% Moisture	12.0	0.1	%		12.0			0.00	20	
Batch P3D2604 - *** DEFAULT PREP ***										
Blank (P3D2604-BLK1)	Prepared: 04/26/23 Analyzed: 04/27/23									
Chloride	ND	1.00	mg/kg							
LCS (P3D2604-BS1)	Prepared & Analyzed: 04/26/23									
Chloride	18.1		mg/kg	20.0		90.7	90-110			

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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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
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**Batch P3D2604 - \*\*\* DEFAULT PREP \*\*\***

<b>Calibration Check (P3D2604-CCV1)</b>				Prepared & Analyzed: 04/26/23						
Chloride	18.2		mg/kg	18.0		101	90-110			
<b>Calibration Check (P3D2604-CCV2)</b>				Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	18.3		mg/kg	18.0		102	90-110			
<b>Calibration Check (P3D2604-CCV3)</b>				Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	19.6		mg/kg	18.0		109	90-110			
<b>Matrix Spike (P3D2604-MS1)</b>				<b>Source: 3D19001-15</b>		Prepared: 04/26/23 Analyzed: 04/27/23				
Chloride	204		mg/kg	100	115	89.2	80-120			
<b>Matrix Spike (P3D2604-MS2)</b>				<b>Source: 3D19002-12</b>		Prepared: 04/26/23 Analyzed: 04/27/23				
Chloride	187		mg/kg	100	83.4	104	80-120			
<b>Matrix Spike Dup (P3D2604-MSD1)</b>				<b>Source: 3D19001-15</b>		Prepared: 04/26/23 Analyzed: 04/27/23				
Chloride	214		mg/kg	100	115	99.6	80-120	4.98	20	
<b>Matrix Spike Dup (P3D2604-MSD2)</b>				<b>Source: 3D19002-12</b>		Prepared: 04/26/23 Analyzed: 04/27/23				
Chloride	190		mg/kg	100	83.4	107	80-120	1.85	20	

**Batch P3D2605 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P3D2605-BLK1)</b>				Prepared & Analyzed: 04/26/23						
Chloride	ND	1.00	mg/kg							
<b>LCS (P3D2605-BS1)</b>				Prepared & Analyzed: 04/26/23						
Chloride	18.9		mg/kg	20.0		94.7	90-110			

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: Chevron Cotton Draw Section 3  
Project Number: 17489  
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
<b>Batch P3D2605 - *** DEFAULT PREP ***</b>										
<b>LCS Dup (P3D2605-BSD1)</b>				Prepared & Analyzed: 04/26/23						
Chloride	18.8		mg/kg	20.0		94.2	90-110	0.535	10	
<b>Calibration Check (P3D2605-CCV1)</b>				Prepared & Analyzed: 04/26/23						
Chloride	18.2		mg/kg	18.0		101	90-110			
<b>Calibration Check (P3D2605-CCV2)</b>				Prepared & Analyzed: 04/26/23						
Chloride	18.5		mg/kg	18.0		103	90-110			
<b>Calibration Check (P3D2605-CCV3)</b>				Prepared & Analyzed: 04/26/23						
Chloride	18.6		mg/kg	18.0		103	90-110			
<b>Duplicate (P3D2605-DUP1)</b>		<b>Source: 3D19002-24</b>		Prepared & Analyzed: 04/26/23						
Chloride	81.1	1.02	mg/kg dry		89.0			9.30	20	
<b>Matrix Spike (P3D2605-MS1)</b>		<b>Source: 3D19002-21</b>		Prepared & Analyzed: 04/26/23						
Chloride	199		mg/kg	100	85.0	114	80-120			
<b>Matrix Spike Dup (P3D2605-MSD1)</b>		<b>Source: 3D19002-21</b>		Prepared & Analyzed: 04/26/23						
Chloride	200		mg/kg	100	85.0	115	80-120	0.314	20	
<b>Batch P3D2708 - *** DEFAULT PREP ***</b>										
<b>Blank (P3D2708-BLK1)</b>				Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	ND	1.00	mg/kg							
<b>LCS (P3D2708-BS1)</b>				Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	17.3		mg/kg	18.4		94.1	90-110			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Chevron Cotton Draw Section 3
13000 West County Road 100	Project Number: 17489
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 P3D2708 - *** DEFAULT PREP ***										
LCS Dup (P3D2708-BSD1)				Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	16.7		mg/kg	18.4		90.7	90-110	3.68	10	
Calibration Check (P3D2708-CCV1)				Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	17.5		mg/kg	18.0		97.2	90-110			
Calibration Check (P3D2708-CCV2)				Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	17.3		mg/kg	18.0		96.0	90-110			
Duplicate (P3D2708-DUP1)		Source: 3D19002-34		Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	91.3	1.00	mg/kg dry		95.6			4.65	20	
Matrix Spike (P3D2708-MS1)		Source: 3D21014-01		Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	132		mg/kg	100	27.6	104	80-120			
Matrix Spike Dup (P3D2708-MSD1)		Source: 3D21014-01		Prepared: 04/26/23 Analyzed: 04/27/23						
Chloride	133		mg/kg	100	27.6	105	80-120	0.629	20	

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

Project: Chevron Cotton Draw Section 3  
Project Number: 17489  
Project Manager: Blake Estep

### Notes and Definitions

S-GC1 Surrogate recovery outside of control limits. A second analysis confirmed the original results..

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

ROI Received on Ice

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

R The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.

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

B Analyte is found in the associated blank as well as in the sample (CLP B-flag).

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: 9/12/2023

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: Chevron Cotton Draw Section 3  
Project Number: 17489  
Project Manager: Blake Estep

Brent Barron, Laboratory Director/Technical Director

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Permian Basin Environmental Lab, L.P.

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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: 3D19002

Revision Request:

Amend COC to show samples taken on 4-17-23

Amend COC to show lab recieved samples 4-19-23

Two BH-24's on report, add BH-27 to second duplicate of BH-24

Submitted by (Name and Date): Blake Ester 8-29-23

PBEL\_REV\_SUBMISSION\_2021\_1.DOC

Page 1 of 1



**PBELAB**

Permian Basin Environmental Lab, LP

1100 Rankin Hwy

Midland Texas 79701

Phone: 432-686-7235

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

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

1054

Project Name: Cotton draw Section 3  
 Project #: 17489 Project Loc: \_\_\_\_\_  
 Area: New Mexico PO#: \_\_\_\_\_

☐ Bill EtechReport Format: STANDARD: ☐ TRRP: ☐ NPDES: ☐

(lab use only)		Preservation & # of Containers														Analyze For:													
ORDER #: 3019002																TCLP: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TOTAL: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>													
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> SO <sub>3</sub>	None	Other (Specify)	Matrix	TPH: 413.1 (8015) 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 (2021) / 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH: TA (TPH-Schedule) 24, 48, 72 hrs	STANDARD TAT	
1	Bottomhole 1	-	5'	9/17/23	9:30	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	Bottomhole 2				9:33	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3	Bottomhole 3				9:36	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4	Bottomhole 4				9:39	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5	Bottomhole 5				9:42	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6	Bottomhole 6				9:46	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7	Bottomhole 7				9:49	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8	Bottomhole 8				9:53	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9	Bottomhole 9				9:57	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10	Bottomhole 10				9:59	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11	Bottomhole 11				10:02	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
12	Bottomhole 12				10:05	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
13	Bottomhole 13				10:08	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
14	Bottomhole 14				10:10	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Special Instructions:

Relinquished by: Delta Date: 3/19 Time: 10:20 Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

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

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: Bill Etech Date: 3/19/23 Time: 10:23

Laboratory Comments:

Sample Containers: Intact? Y N

VOCs: Free of Headspace? Y N

Custody seals on container(s): Y N

Custody seals on cooler(s): Y N

Sample Hand Delivered: Y N

Sar by Sampler/Client Rep.? Y N

Sar by Courier? UPS DHL FedEx None Star

Temperature Upon Receipt: 43 NF 13 °C

**PBELAB**

Permian Basin Environmental Lab, LP

1400 Rankin Hwy

Midland Texas 79701

Phone: 432-686-7235

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

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

2054

Chevron

Project Name: Cotton draw Section 3Project #: 17489 Project Loc: \_\_\_\_\_Area: New Mexico PO#: \_\_\_\_\_☐ Bill EtechReport Format: STANDARD ☐ TRRP ☐ NPDES ☐

(lab use only)

ORDER #: 3D19002

## Preservation &amp; # of Containers

## Matrix

## Analyze For:

TCLP: ☐ ☐ ☐ ☐TOTAL: ☐ ☐ ☐ ☐

TPH: 418, 8015M, 1005, 1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO4, CO3, HCO3)

SAR / ESP / CEC

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semi volatiles

BTEX: 60219/5030 or BTEX 8260

RCI

N.O.R.M.

Chlorides

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

STANDARD TAT

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 SS=Soil/Solid	NP=Non-Petroleum Specific Other	TPH: 418, 8015M, 1005, 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX: 60219/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
15	Bottomhole 15		5'	11/17/23	10:13	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Bottomhole 16				10:16	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Bottomhole 17				10:19	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Bottomhole 18				10:22	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Bottomhole 19				10:25	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Bottomhole 20				10:29	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Bottomhole 21				10:32	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Bottomhole 22				10:35	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Bottomhole 23				10:39	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	Bottomhole 24				10:42	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	Bottomhole 25				10:45	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Bottomhole 26				10:48	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	Bottomhole 27				10:51	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Bottomhole 28				10:54	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

## 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

Long Star

Temperature Upon Receipt:

4.3

N/C

N/C

**PBELAB**

Permian Basin Environmental Lab. LP

1400 Rankin Hwy

Midland Texas 79701

Phone: 432-686-7235

Project Manager: Blake EstepCompany Name: Etech Environmental & Safety Solutions, Inc.Company Address: P.O. Box 62228City/State/Zip: Midland, Texas 79711Sampler Signature: \_\_\_\_\_ email: blake@etechenv.com3 of 4  
CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Chevron

Project Name: Cotton draw Section 3Project #: 17489 Project Loc: \_\_\_\_\_Area: New Mexico PO#: \_\_\_\_\_☐ Bill EtechReport Format: STANDARD ☐ TRRP ☐ NPDES ☐

(lab use only)		Preservation & # of Containers															Analyze For:															
ORDER #: 3D14002																																
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>8</sub>	None	Other (Specify)	Matrix	TPH: 418.1	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: 802.19	5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT (Pis-Schedule) 24, 48, 72 hrs	STANDARD TAT	
29	Bottom hole 29		5'	3/17/23	10:57	1																										
30	Bottom hole 30				10:59	1																										
31	Bottom hole 31				11:02	1																										
32	Bottom hole 32				11:05	1																										
33	Bottom hole 33				11:08	1																										
34	Bottom hole 34				11:12	1																										
35	Bottom hole 35				11:15	1																										
36	Northside wall 1		3'		11:18	1																										
37	Northside wall 2		3'		11:21	1																										
38	Northside wall 3		3'		11:24	1																										
39	Northside wall 4		3'		11:28	1																										
40	Southside wall 1		3'		11:31	1																										
41	Southside wall 2		3'		11:35	1																										
42	Southside wall 3		3'		11:39	1																										

Special Instructions:						Laboratory Comments:					
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact?	Y	N	Y	N	
<u>Denton</u>	<u>3/19</u>	<u>10:23</u>				VOCs Free of Headspace?	Y	N	Y	N	
Relinquished by:	Date	Time	Received by:	Date	Time	Custody seals on container(s)	Y	N	Y	N	
						Custody seals on cooler(s)	Y	N	Y	N	
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Hand Delivered	Y	N	Y	N	
						Sar by Sampler/Client Rep.?	Y	N	Y	N	
						Sar by Courier?	UPS	DHL	FedEx	Long Star	
						Temperature Upon Receipt	43		NG		



**Phone: 432-686-7235**

Sampler Signature: \_\_\_\_\_ email: blake@etechenv.com

4 of 4

Chevron

Area: PO#:

☐ **Bill Etech**

Report Format: STANDARD: ☐ TRRP: ☐ NPDES: ☐[illegible]

8/30

**PBBLAB**

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. Retrun requests will incur additional charges.

Client: Etech EnvironmentalProject: 3D19002

## Revision Request:

Amend Coc to show samples taken on 4-17-23Amend Coc to show lab recieved samples 4-19-23Two BH-24's on report, add BH-27 to second duplicate of BH-24Submitted by (Name and Date): Blake Ester 8-29-23

PBEL\_REV\_SUBMISSION\_2021\_1.DOC

Page 1 of 1



**PIBELAB**

Premium Basin Environmental Lab. LP

1100 Rankin Hwy

Midland Texas 79701

Phone: 432-686-7243

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: Cotton Draw Section 3

Project #: 17489

Project Loc: \_\_\_\_\_

Area: \_\_\_\_\_

PO#: 17489

☒ Bill Etech

Report Format: STANDARD ☐ TRRP ☐ NPDES ☐

(lab use only)  
ORDER #: 3019002

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	Preservation & # of Containers													Matrix		TPH: 418.1 <del>8015M</del> 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX (EPA 8015M or BTEX 8260)	RCI	N.O.R.M.	Chlorides	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
						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-PotableSpecify Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1	Bottom Hole 1	-	5'	4/17/2023	9:30	1	X										S	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</

Special Instructions:

Relinquished by: <u>Blake Estep</u>	Date: <u>4-19-23</u>	Time: <u>10:23</u>	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: <u>Mrs. Bedree</u>	Date: <u>4/19/23</u>	Time: <u>10:23</u>

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
Sat by Sampler/Client Rep.?	Y	N
Sat by Courier?	UPS	DHL
Temperature Upon Receipt:	<u>43</u>	<u>CL3</u>



# PBELAB

Permian Basin Environmental Lab. L.P.

1100 Hankin Hwy

Midland, Texas 79701

Phone: 432-686-7235

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

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: Cotton Draw Section 3

Project #: 17489

Project Loc: \_\_\_\_\_

Area: \_\_\_\_\_

PO#: 17489

☒ Bill Etech

Report Format: STANDARD ☐ TRRP ☐ NPDES ☐

(lab use only)

ORDER #: 3D19002

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	Preservation & # of Containers													Matrix			TPH: 418, 1-8015M-1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTX: 8021B-1000 or BTX 8260	RCI	N.O.R.M.	Chlorides			RUSH TAT(Pre-Schedule) 24, 48, 72	STANDARD TAT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
						No. of Containers	Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	DW=Drinking Water	Sludge	GW = Groundwater	S=Soil/Solid	NP=Non-Forable	Specify Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Special Instructions:

Relinquished by: Blake Estep

Date: 4/19/23 Time: 10:23

Received by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: Theresa Bledsoe

Date: 4/19/23 Time: 10:23

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Custody seals on container(s)

Custody seals on cooler(s)

Sample Hand Delivered

Sas by Sampler/Client Rep.?

Sas by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 43 13 °C

Y N  
Y N  
Y N  
Y N  
Y N  
Y N



**PBELAB**

Permian Basin Environmental Lab. LP

1400 Hankin Hwy

Midland Texas 79701

Phone: 432-686-1235

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

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: Cotton Draw Section 3Project #: 17489

Project Loc: \_\_\_\_\_

Area: \_\_\_\_\_

PO#: 17489☒ Bill EtechReport Format: STANDARD ☐ TRRP ☐ NPDES ☐(lab use only)  
ORDER #: 3D19002

		Preservation & # of Containers														Matrix																	RUSH TAT(Pre-Schedule) 24, 48, 72 Hrs	STANDARD TAT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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	SC=Soil/Solid	NP=Non-Potable	Specify Other	TPH: 418.1	9015M	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 80218/9030 or BTEX 8260	RO	N.O.R.M.	Chlorides																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Special Instructions:

Relinquished by: Blake EstepDate: 4/19/23 Time: 10:23

Received by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: Chris BlakeDate: 4/19/23 Time: 10:23

Laboratory Comments:

Sample Containers Intact? Y NVOCs Free of Headspace? Y NCustody seals on container(s) Y NCustody seals on cooler(s) Y NSample Hand Delivered Y NSAR by Sampler/Client Rep. ? Y NSAR by Courier? UPS DHL FedEx Lone StarTemperature Upon Receipt: 43 NF W







**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: Cotton Draw Section 3 CTB

Project Number: 17489

Location:

Lab Order Number: 3G20011



**Current Certification**

Report Date: 07/31/23

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Cotton Draw Section 3 CTB Project Number: 17489 Project Manager: Blake Estep
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole - 7 @ 6'	3G20011-01	Soil	07/18/23 08:00	07-20-2023 12:52
Bottom Hole - 10 @ 6'	3G20011-02	Soil	07/18/23 09:00	07-20-2023 12:52
Bottom Hole - 12 @ 6'	3G20011-03	Soil	07/18/23 09:10	07-20-2023 12:52
Bottom Hole - 13 @ 6'	3G20011-04	Soil	07/18/23 09:15	07-20-2023 12:52
Bottom Hole - 21 @ 6.5'	3G20011-05	Soil	07/18/23 09:20	07-20-2023 12:52
Bottom Hole - 32 @ 6.5'	3G20011-06	Soil	07/18/23 09:21	07-20-2023 12:52



E Tech Environmental & Safety Solutions, Inc. [1]	Project: Cotton Draw Section 3 CTB
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 7 @ 6'  
3G20011-01 (Soil)

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

<b>BTEX by 8021B</b>									
Benzene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 14:45	EPA 8021B	
Toluene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 14:45	EPA 8021B	
Ethylbenzene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 14:45	EPA 8021B	
Xylene (p/m)	ND	0.0404	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 14:45	EPA 8021B	
Xylene (o)	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 14:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	135 %		80-120		P3G2007	07/20/23 14:15	07/21/23 14:45	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	91.8 %		80-120		P3G2007	07/20/23 14:15	07/21/23 14:45	EPA 8021B	

<b>Organics by GC</b>									
C6-C12	ND	25.3	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 06:48	TX 1005	
>C12-C28	59.5	25.3	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 06:48	TX 1005	
>C28-C35	ND	25.3	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 06:48	TX 1005	
Surrogate: 1-Chlorooctane	96.6 %		70-130		P3G2414	07/24/23 10:00	07/25/23 06:48	TX 1005	
Surrogate: o-Terphenyl	125 %		70-130		P3G2414	07/24/23 10:00	07/25/23 06:48	TX 1005	
Total Hydrocarbon nC6-nC35	59.5	25.3	mg/kg dry	1	[CALC]	07/24/23 10:00	07/25/23 06:48	[CALC]	

<b>General Chemistry Parameters by EPA / Standard Methods</b>									
Chloride	61.1	1.01	mg/kg dry	1	P3G2516	07/25/23 12:00	07/26/23 09:20	EPA 300.0	
% Moisture	1.0	0.1	%	1	P3G2407	07/24/23 06:33	07/24/23 06:39	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: Cotton Draw Section 3 CTB
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 10 @ 6'  
3G20011-02 (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	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:06	EPA 8021B	
Toluene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:06	EPA 8021B	
Ethylbenzene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:06	EPA 8021B	
Xylene (p/m)	ND	0.0404	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:06	EPA 8021B	
Xylene (o)	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.0 %		80-120		P3G2007	07/20/23 14:15	07/21/23 15:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	143 %		80-120		P3G2007	07/20/23 14:15	07/21/23 15:06	EPA 8021B	S-GC

Organics by GC									
C6-C12	ND	25.3	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 07:11	TX 1005	
>C12-C28	ND	25.3	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 07:11	TX 1005	
>C28-C35	ND	25.3	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 07:11	TX 1005	
Surrogate: 1-Chlorooctane	88.9 %		70-130		P3G2414	07/24/23 10:00	07/25/23 07:11	TX 1005	
Surrogate: o-Terphenyl	115 %		70-130		P3G2414	07/24/23 10:00	07/25/23 07:11	TX 1005	
Total Hydrocarbon nC6-nC35	ND	25.3	mg/kg dry	1	[CALC]	07/24/23 10:00	07/25/23 07:11	[CALC]	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	78.8	1.01	mg/kg dry	1	P3G2516	07/25/23 12:00	07/26/23 09:34	EPA 300.0	
% Moisture	1.0	0.1	%	1	P3G2407	07/24/23 06:33	07/24/23 06:39	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: Cotton Draw Section 3 CTB
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 12 @ 6'  
3G20011-03 (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	0.0204	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:26	EPA 8021B	
Toluene	ND	0.0204	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:26	EPA 8021B	
Ethylbenzene	ND	0.0204	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:26	EPA 8021B	
Xylene (p/m)	ND	0.0408	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:26	EPA 8021B	
Xylene (o)	ND	0.0204	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 15:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.5 %	80-120			P3G2007	07/20/23 14:15	07/21/23 15:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	152 %	80-120			P3G2007	07/20/23 14:15	07/21/23 15:26	EPA 8021B	S-GC

Organics by GC

C6-C12	ND	25.5	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 07:34	TX 1005	
>C12-C28	ND	25.5	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 07:34	TX 1005	
>C28-C35	ND	25.5	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 07:34	TX 1005	
Surrogate: 1-Chlorooctane	95.4 %	70-130			P3G2414	07/24/23 10:00	07/25/23 07:34	TX 1005	
Surrogate: o-Terphenyl	124 %	70-130			P3G2414	07/24/23 10:00	07/25/23 07:34	TX 1005	
Total Hydrocarbon nC6-nC35	ND	25.5	mg/kg dry	1	[CALC]	07/24/23 10:00	07/25/23 07:34	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	399	1.02	mg/kg dry	1	P3G2516	07/25/23 12:00	07/26/23 09:49	EPA 300.0	
% Moisture	2.0	0.1	%	1	P3G2407	07/24/23 06:33	07/24/23 06:39	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: Cotton Draw Section 3 CTB  
Project Number: 17489  
Project Manager: Blake Estep

**Bottom Hole - 13 @ 6'**  
**3G20011-04 (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	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 09:54	EPA 8021B	
Toluene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 09:54	EPA 8021B	
Ethylbenzene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 09:54	EPA 8021B	
Xylene (p/m)	ND	0.0404	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 09:54	EPA 8021B	
Xylene (o)	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 09:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.2 %		80-120		P3G2007	07/20/23 14:15	07/24/23 09:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	130 %		80-120		P3G2007	07/20/23 14:15	07/24/23 09:54	EPA 8021B	S-GC

**Organics by GC**

C6-C12	ND	25.3	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 07:57	TX 1005	
>C12-C28	ND	25.3	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 07:57	TX 1005	
>C28-C35	ND	25.3	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 07:57	TX 1005	
Surrogate: 1-Chlorooctane	95.8 %		70-130		P3G2414	07/24/23 10:00	07/25/23 07:57	TX 1005	
Surrogate: o-Terphenyl	125 %		70-130		P3G2414	07/24/23 10:00	07/25/23 07:57	TX 1005	
Total Hydrocarbon nC6-nC35	ND	25.3	mg/kg dry	1	[CALC]	07/24/23 10:00	07/25/23 07:57	[CALC]	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	73.7	1.01	mg/kg dry	1	P3G2516	07/25/23 12:00	07/26/23 10:32	EPA 300.0	
% Moisture	1.0	0.1	%	1	P3G2407	07/24/23 06:33	07/24/23 06:39	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: Cotton Draw Section 3 CTB  
Project Number: 17489  
Project Manager: Blake Estep

**Bottom Hole - 21 @ 6.5'**

**3G20011-05 (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	0.0222	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:15	EPA 8021B	
Toluene	ND	0.0222	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:15	EPA 8021B	
Ethylbenzene	ND	0.0222	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:15	EPA 8021B	
Xylene (p/m)	ND	0.0444	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:15	EPA 8021B	
Xylene (o)	ND	0.0222	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	133 %		80-120		P3G2007	07/20/23 14:15	07/24/23 10:15	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	92.5 %		80-120		P3G2007	07/20/23 14:15	07/24/23 10:15	EPA 8021B	

**Organics by GC**

C6-C12	ND	27.8	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 08:20	TX 1005	
>C12-C28	ND	27.8	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 08:20	TX 1005	
>C28-C35	ND	27.8	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 08:20	TX 1005	
Surrogate: 1-Chlorooctane	96.9 %		70-130		P3G2414	07/24/23 10:00	07/25/23 08:20	TX 1005	
Surrogate: o-Terphenyl	123 %		70-130		P3G2414	07/24/23 10:00	07/25/23 08:20	TX 1005	
Total Hydrocarbon nC6-nC35	ND	27.8	mg/kg dry	1	[CALC]	07/24/23 10:00	07/25/23 08:20	[CALC]	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	78.9	1.11	mg/kg dry	1	P3G2516	07/25/23 12:00	07/26/23 11:14	EPA 300.0	
% Moisture	10.0	0.1	%	1	P3G2407	07/24/23 06:33	07/24/23 06:39	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: Cotton Draw Section 3 CTB  
Project Number: 17489  
Project Manager: Blake Estep

### Bottom Hole - 32 @ 6.5'

#### 3G20011-06 (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	0.0225	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:36	EPA 8021B	
Toluene	ND	0.0225	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:36	EPA 8021B	
Ethylbenzene	ND	0.0225	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:36	EPA 8021B	
Xylene (p/m)	ND	0.0449	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:36	EPA 8021B	
Xylene (o)	ND	0.0225	mg/kg dry	20	P3G2007	07/20/23 14:15	07/24/23 10:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.4 %		80-120		P3G2007	07/20/23 14:15	07/24/23 10:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	130 %		80-120		P3G2007	07/20/23 14:15	07/24/23 10:36	EPA 8021B	S-GC

#### Organics by GC

C6-C12	ND	28.1	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 08:43	TX 1005	
>C12-C28	ND	28.1	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 08:43	TX 1005	
>C28-C35	ND	28.1	mg/kg dry	1	P3G2414	07/24/23 10:00	07/25/23 08:43	TX 1005	
Surrogate: 1-Chlorooctane	109 %		70-130		P3G2414	07/24/23 10:00	07/25/23 08:43	TX 1005	
Surrogate: o-Terphenyl	140 %		70-130		P3G2414	07/24/23 10:00	07/25/23 08:43	TX 1005	S-GC
Total Hydrocarbon nC6-nC35	ND	28.1	mg/kg dry	1	[CALC]	07/24/23 10:00	07/25/23 08:43	[CALC]	

#### General Chemistry Parameters by EPA / Standard Methods

Chloride	42.9	1.12	mg/kg dry	1	P3G2516	07/25/23 12:00	07/26/23 11:29	EPA 300.0	
% Moisture	11.0	0.1	%	1	P3G2407	07/24/23 06:33	07/24/23 06:39	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: Cotton Draw Section 3 CTB  
Project Number: 17489  
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 P3G2007 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P3G2007-BLK1)**

Prepared: 07/20/23 Analyzed: 07/21/23

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	0.107		"	0.120		89.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.214		"	0.120		179	80-120			S-GC

**LCS (P3G2007-BS1)**

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	0.0852	0.00100	mg/kg	0.100		85.2	80-120			
Toluene	0.0928	0.00100	"	0.100		92.8	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.221		"	0.120		184	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			

**LCS Dup (P3G2007-BSD1)**

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	0.0900	0.00100	mg/kg	0.100		90.0	80-120	5.48	20	
Toluene	0.0948	0.00100	"	0.100		94.8	80-120	2.21	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	1.61	20	
Xylene (p/m)	0.227	0.00200	"	0.200		114	80-120	1.91	20	
Xylene (o)	0.104	0.00100	"	0.100		104	80-120	0.895	20	
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.213		"	0.120		177	80-120			S-GC

**Calibration Blank (P3G2007-CCB1)**

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	0.250		ug/kg							
Toluene	0.330		"							
Ethylbenzene	0.790		"							
Xylene (p/m)	1.83		"							
Xylene (o)	1.10		"							
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.215		"	0.120		180	80-120			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]  
13000 West County Road 100  
Odessa TX, 79765

Project: Cotton Draw Section 3 CTB  
Project Number: 17489  
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 P3G2007 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Blank (P3G2007-CCB2)**

Prepared: 07/20/23 Analyzed: 07/24/23

Benzene	0.0500		ug/kg							
Toluene	0.240		"							
Ethylbenzene	0.200		"							
Xylene (p/m)	0.790		"							
Xylene (o)	0.370		"							
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.216		"	0.120		180	80-120			S-GC

**Calibration Check (P3G2007-CCV1)**

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	0.0801	0.00100	mg/kg	0.100		80.1	80-120			
Toluene	0.0961	0.00100	"	0.100		96.1	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.207		"	0.120		172	75-125			S-GC

**Calibration Check (P3G2007-CCV2)**

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	0.0825	0.00100	mg/kg	0.100		82.5	80-120			
Toluene	0.0854	0.00100	"	0.100		85.4	80-120			
Ethylbenzene	0.0955	0.00100	"	0.100		95.5	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.4	80-120			
Xylene (o)	0.0924	0.00100	"	0.100		92.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.209		"	0.120		174	75-125			S-GC

**Calibration Check (P3G2007-CCV3)**

Prepared: 07/20/23 Analyzed: 07/24/23

Benzene	0.106	0.00100	mg/kg	0.100		106	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	0.222		"	0.120		185	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		91.2	75-125			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Cotton Draw Section 3 CTB
13000 West County Road 100	Project Number: 17489
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 P3G2007 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike (P3G2007-MS1)		Source: 3G07012-04		Prepared: 07/20/23		Analyzed: 07/24/23				
Benzene	0.102	0.00102	mg/kg dry	0.102	0.00122	98.6	80-120			
Toluene	0.0901	0.00102	"	0.102	0.00224	86.1	80-120			
Ethylbenzene	0.102	0.00102	"	0.102	ND	99.8	80-120			
Xylene (p/m)	0.199	0.00204	"	0.204	0.00571	94.9	80-120			
Xylene (o)	0.0979	0.00102	"	0.102	0.00347	92.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.122		95.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.165		"	0.122		135	80-120			S-GC
Matrix Spike Dup (P3G2007-MSD1)		Source: 3G07012-04		Prepared: 07/20/23		Analyzed: 07/24/23				
Benzene	0.0980	0.00102	mg/kg dry	0.102	0.00122	94.8	80-120	3.90	20	
Toluene	0.0861	0.00102	"	0.102	0.00224	82.2	80-120	4.68	20	
Ethylbenzene	0.0973	0.00102	"	0.102	ND	95.3	80-120	4.56	20	
Xylene (p/m)	0.190	0.00204	"	0.204	0.00571	90.3	80-120	4.95	20	
Xylene (o)	0.0939	0.00102	"	0.102	0.00347	88.6	80-120	4.33	20	
Surrogate: 1,4-Difluorobenzene	0.118		"	0.122		96.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.175		"	0.122		143	80-120			S-GC

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

Project: Cotton Draw Section 3 CTB  
Project Number: 17489  
Project Manager: Blake Estep

**Organics by GC - 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 P3G2414 - TX 1005</b>										
<b>Blank (P3G2414-BLK1)</b> Prepared: 07/24/23 Analyzed: 07/25/23										
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	75.5		"	50.0		151	70-130			S-GC
<b>LCS (P3G2414-BS1)</b> Prepared: 07/24/23 Analyzed: 07/25/23										
C6-C12	1270	25.0	mg/kg	1100		115	75-125			
>C12-C28	1210	25.0	"	1100		110	75-125			
Surrogate: 1-Chlorooctane	130		"	100		130	70-130			
Surrogate: o-Terphenyl	77.7		"	50.0		155	70-130			S-GC
<b>LCS Dup (P3G2414-BSD1)</b> Prepared: 07/24/23 Analyzed: 07/25/23										
C6-C12	1290	25.0	mg/kg	1100		117	75-125	1.86	20	
>C12-C28	1240	25.0	"	1100		113	75-125	2.18	20	
Surrogate: 1-Chlorooctane	130		"	100		130	70-130			
Surrogate: o-Terphenyl	75.1		"	50.0		150	70-130			S-GC
<b>Calibration Check (P3G2414-CCV1)</b> Prepared: 07/24/23 Analyzed: 07/25/23										
C6-C12	512	25.0	mg/kg	500		102	85-115			
>C12-C28	475	25.0	"	500		95.1	85-115			
Surrogate: 1-Chlorooctane	123		"	100		123	70-130			
Surrogate: o-Terphenyl	75.2		"	50.0		150	70-130			S-GC
<b>Calibration Check (P3G2414-CCV2)</b> Prepared: 07/24/23 Analyzed: 07/25/23										
C6-C12	496	25.0	mg/kg	500		99.1	85-115			
>C12-C28	499	25.0	"	500		99.9	85-115			
Surrogate: 1-Chlorooctane	125		"	100		125	70-130			
Surrogate: o-Terphenyl	74.6		"	50.0		149	70-130			S-GC

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Cotton Draw Section 3 CTB
13000 West County Road 100	Project Number: 17489
Odessa TX, 79765	Project Manager: Blake Estep

Organics by GC - 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 P3G2414 - TX 1005

Calibration Check (P3G2414-CCV3)	Prepared: 07/24/23 Analyzed: 07/25/23									
C6-C12	502	25.0	mg/kg	500		100	85-115			
>C12-C28	455	25.0	"	500		90.9	85-115			
Surrogate: 1-Chlorooctane	130		"	100		130	70-130			
Surrogate: o-Terphenyl	73.5		"	50.0		147	70-130			S-GC

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

Project: Cotton Draw Section 3 CTB  
 Project Number: 17489  
 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
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**Batch P3G2407 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P3G2407-BLK1)</b>		Prepared & Analyzed: 07/24/23								
% Moisture	ND	0.1	%							
<b>Blank (P3G2407-BLK2)</b>		Prepared & Analyzed: 07/24/23								
% Moisture	ND	0.1	%							
<b>Duplicate (P3G2407-DUP1)</b>		<b>Source: 3G20014-01</b>		Prepared & Analyzed: 07/24/23						
% Moisture	8.0	0.1	%		7.0			13.3	20	
<b>Duplicate (P3G2407-DUP2)</b>		<b>Source: 3G21009-01</b>		Prepared & Analyzed: 07/24/23						
% Moisture	11.0	0.1	%		10.0			9.52	20	
<b>Duplicate (P3G2407-DUP3)</b>		<b>Source: 3G21005-02</b>		Prepared & Analyzed: 07/24/23						
% Moisture	ND	0.1	%		1.0			200	20	R3
<b>Duplicate (P3G2407-DUP4)</b>		<b>Source: 3G21012-02</b>		Prepared & Analyzed: 07/24/23						
% Moisture	12.0	0.1	%		13.0			8.00	20	

**Batch P3G2516 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P3G2516-BLK1)</b>		Prepared: 07/25/23 Analyzed: 07/26/23								
Chloride	ND	1.00	mg/kg							
<b>LCS (P3G2516-BS1)</b>		Prepared: 07/25/23 Analyzed: 07/26/23								
Chloride	18.9		mg/kg	20.0	94.3	90-110				
<b>LCS Dup (P3G2516-BSD1)</b>		Prepared: 07/25/23 Analyzed: 07/26/23								
Chloride	18.9		mg/kg	20.0	94.7	90-110	0.355	10		

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Cotton Draw Section 3 CTB
13000 West County Road 100	Project Number: 17489
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 P3G2516 - *** DEFAULT PREP ***										
Calibration Check (P3G2516-CCV1)				Prepared: 07/25/23 Analyzed: 07/26/23						
Chloride	18.9		mg/kg	20.0		94.7	90-110			
Calibration Check (P3G2516-CCV2)				Prepared: 07/25/23 Analyzed: 07/26/23						
Chloride	19.8		mg/kg	20.0		99.0	90-110			
Calibration Check (P3G2516-CCV3)				Prepared: 07/25/23 Analyzed: 07/26/23						
Chloride	19.9		mg/kg	20.0		99.3	90-110			
Matrix Spike (P3G2516-MS1)		Source: 3G20008-01		Prepared: 07/25/23 Analyzed: 07/26/23						
Chloride	6670	1.01	mg/kg dry	5050	1460	103	80-120			
Matrix Spike (P3G2516-MS2)		Source: 3G20011-04		Prepared: 07/25/23 Analyzed: 07/26/23						
Chloride	1120	1.01	mg/kg dry	1010	73.7	104	80-120			
Matrix Spike Dup (P3G2516-MSD1)		Source: 3G20008-01		Prepared: 07/25/23 Analyzed: 07/26/23						
Chloride	6690	1.01	mg/kg dry	5050	1460	103	80-120	0.175	20	
Matrix Spike Dup (P3G2516-MSD2)		Source: 3G20011-04		Prepared: 07/25/23 Analyzed: 07/26/23						
Chloride	1090	1.01	mg/kg dry	1010	73.7	101	80-120	2.36	20	

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E Tech Environmental & Safety Solutions, Inc. [1]  
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Odessa TX, 79765

Project: Cotton Draw Section 3 CTB  
Project Number: 17489  
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

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

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:

7/31/2023

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

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





**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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**District II**  
811 S. First St., Artesia, NM 88210  
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**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 352660

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	352660
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2303652118
Incident Name	NAPP2303652118 COTTON DRAW SECTION 3 CTB @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2202544346] COTTON DRAW SECTION 3 CTB

Location of Release Source	
Please answer all the questions in this group.	
Site Name	COTTON DRAW SECTION 3 CTB
Date Release Discovered	01/21/2023
Surface Owner	Federal

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: Equipment Failure   Flow Line - Production   Crude Oil   Released: 24 BBL   Recovered: 20 BBL   Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Produced Water   Released: 52 BBL   Recovered: 45 BBL   Lost: 7 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)	Not answered.

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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 352660

QUESTIONS (continued)

Operator:  CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:  4323
	Action Number:  352660
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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: 06/10/2024

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

QUESTIONS, Page 3

Action 352660

**QUESTIONS (continued)**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	352660
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**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 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**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
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	8670
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	93.6
GRO+DRO (EPA SW-846 Method 8015M)	93.6
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	04/17/2023
On what date will (or did) the final sampling or liner inspection occur	11/01/2023
On what date will (or was) the remediation complete(d)	11/15/2023
What is the estimated surface area (in square feet) that will be reclaimed	6998
What is the estimated volume (in cubic yards) that will be reclaimed	1554
What is the estimated surface area (in square feet) that will be remediated	6998
What is the estimated volume (in cubic yards) that will be remediated	1554

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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**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 352660

**QUESTIONS (continued)**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	352660
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**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	TARGA NORTHERN DELAWARE, LLC. [fAPP2123031392]
<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: 06/10/2024
<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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Action 352660

QUESTIONS (continued)

Operator:  CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:  4323
	Action Number:  352660
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	No

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Action 352660

**QUESTIONS (continued)**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	352660
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	293169
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/01/2023
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	1554

**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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6998
What was the total volume (cubic yards) remediated	1554
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	6998
What was the total volume (in cubic yards) reclaimed	1554
Summarize any additional remediation activities not included by answers (above)	Sampling Variance Request for an inadvertent release that has been remediated and restored with clean, locally sourced soil.

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

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

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 06/10/2024
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Action 352660

QUESTIONS (continued)

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

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS  
  
Action 352660

CONDITIONS

Operator:  CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	352660
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved.	6/10/2024
scwells	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	6/10/2024