Environmental & Safety Solutions, Inc.

SITE CHARACTERIZATION REMEDIATION PLAN

Rustler Bluff 33

Eddy County, New Mexico

Incident Number nAPP2303929522

Prepared for:

Chevron USA, Inc.

6301 Deauville Blvd

Midland, TX, 79706

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

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron USA, Inc (Chevron), presents the following Site Characterization Remediation Plan (SCRP) detailing site assessment and delineation activities at the Rustler Bluff 33 (Site) associated with an inadvertent release of produced water assigned Incident Number nAPP2303929522. Based on field observations and reported incident details, Chevron proposes this SCRP, which summarizes initial response efforts, delineation activities and details remediation objectives to rectify environmental impacts.

SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit L, Section 03, Township 25 South, Range 29 East, in Eddy County, New Mexico (32.166152°, -103.964064°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (**Figure 1** in **Appendix A)**.

On February 4, 2023, a subsurface pipeline failure resulted in approximately 121.863 barrels (bbls) of produced water to release on the production pad. Vacuum trucks were immediately dispatched and recovered approximately 2 bbls of free-standing fluids. Chevron immediately reported the release to the NMOCD (Mr. Mike Bratcher) via email on February 4, 2023, and on a Release Notification and Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on February 8, 2023, and was subsequently assigned Incident Number nAPP2303929522. **Figure 2** in **Appendix A** depicts the observed release area, hereafter referred to as the Area of Concern (AOC).

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

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

Depth to groundwater at the Site is between 51 and 100 feet below ground surface (bgs) based on a recent soil boring that was drilled by Atkins Engineering Associates, Inc. (Atkins) on October 7, 2024. Chevron retained Atkins to assist with confirming regional groundwater depth based on surrounding groundwater well data. The boring was filed under New Mexico Office of the State Engineer (NMOSE) C-04886-POD1. The soil boring is located approximately 0.42 miles west of the Site (**Figure 1A** in **Appendix A**). Using a truck mounted drill rig equipped with air rotary, the soil boring was advanced to a total depth of 101 feet bgs where evidence of groundwater was encountered. Static groundwater measurement was 93 feet bgs. Following the observation period, the boring was plugged and abandoned per the appropriate NMOSE regulations. The boring log is provided in **Appendix B**.

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

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

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria†
Chloride	Environmental Protection Agency (EPA) 300.0	10,000 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	2,500 mg/kg
TPH-Gasoline Range Organics (GRO)+ TPH-Deisel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg
Benzene	EPA 8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8260B	50 mg/kg

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

SITE ASSESSMENT ACTIVITIES

On February 10, 2023, Etech visited the Site to assess the AOC based on information reported on the Form C-141 and visual observations. In agreement with Form C-141, the release had been stopped at the source and appeared to be confined to the production pad. The AOC was mapped utilizing a handheld Global Positioning System (GPS) unit, which is shown in **Figure 2** in **Appendix A**.

DELINEATION SOIL SAMPLING ACTIVITIES

From March 3, 2023, to October 28, 2024, Etech conducted delineation soil sampling activities to assess the Site for the presence or absence of residual soil impacts associated with the AOC. Delineation soil sample locations were advanced within and around the AOC via hand auger which was driven by field screening soil for volatile organic compounds (VOCs) utilizing a photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Soil samples were collected per delineation soil sampling location, representing the highest observed field screening concentrations and the greatest depth. The delineation soil sample locations are shown in **Figure 2** in **Appendix A**. Photographic documentation during the recent site visit is included in **Attachment C**.

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

LABORATORY SOIL ANALYTICAL RESULTS

Elevated COCs exceedances above the Closure Criteria were identified in Auger Hole 2 at 1-foot bgs (characterized by a chloride concentrations of 11,300 mg/kg). Based on the laboratory analytical results and location of lateral delineation soil samples (BH01 through BH06, North Auger Hole, East Auger Hole, South Auger Hole and West Auger Hole), the horizontal edge of the release is representatively delineated. 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**.

PROPOSED REMEDIATION WORK PLAN

Based on the Site findings, Chevron proposes the following remedial corrective actions:

- Chevon proposes to remove residual impacted soil from the area associated with Auger Hole 2 up to 2 feet bgs based on laboratory analytical results (**Figure 3** in **Appendix A)**. Confirmation soil samples will be collected from the advanced excavation, at minimum, from every 200 square foot interval and field screened for VOCs using a calibrated PID and chloride with using Hach® chloride QuanTab® test strips. An estimated 18 cubic yards of residually impacted soil will be removed. In addition to collecting confirmation samples from the advanced excavation, confirmation samples will be collected from the remaining AOC area surface and edges to confirm the presence or absence of residual impacted soil above the Closure Criteria. If impacted soil above the Closure Criteria is encountered, Chevron will delineate and remediate those areas via excavation. The potential excavation(s) will be extended vertically and laterally and confirmed via laboratory analytical results associated with floor and sidewall confirmation samples. Confirmation soil sample locations will be mapped utilizing a handheld GPS unit.
- Confirmation soil samples will be collected, handled and analyzed for all COCs as previously described.
- Impacted soil that is removed during remediation activities will be placed on an impermeable liner and subsequently hauled off for disposal at an approved waste facility.
- Upon receipt and review of soil sample laboratory analytical results, Chevron will:
    - Document the absence of impacted soil based on remediation at the Site as defined by Site Closure Criteria with a subsequent report detailing corrective action and sampling activities or
    - Preparing a SCRP Addendum detailing the next course of remedial actions to address the presence of soil impacts at the Site, based off an updated lateral and vertical extent of impacted soil from continued assessment activities.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (281) 702-2329 or joseph@etechenv.com or Abraham Valladares at (575) 200-6754 or abevalladares@etechenv.com

Sincerely,

eTECH Environmental and Safety Solutions, Inc.

Abraham Valladares
Project Coordinator

Joseph S. Hernandez
Senior Managing Geologist

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

Appendices:

APPENDIX A

Figures

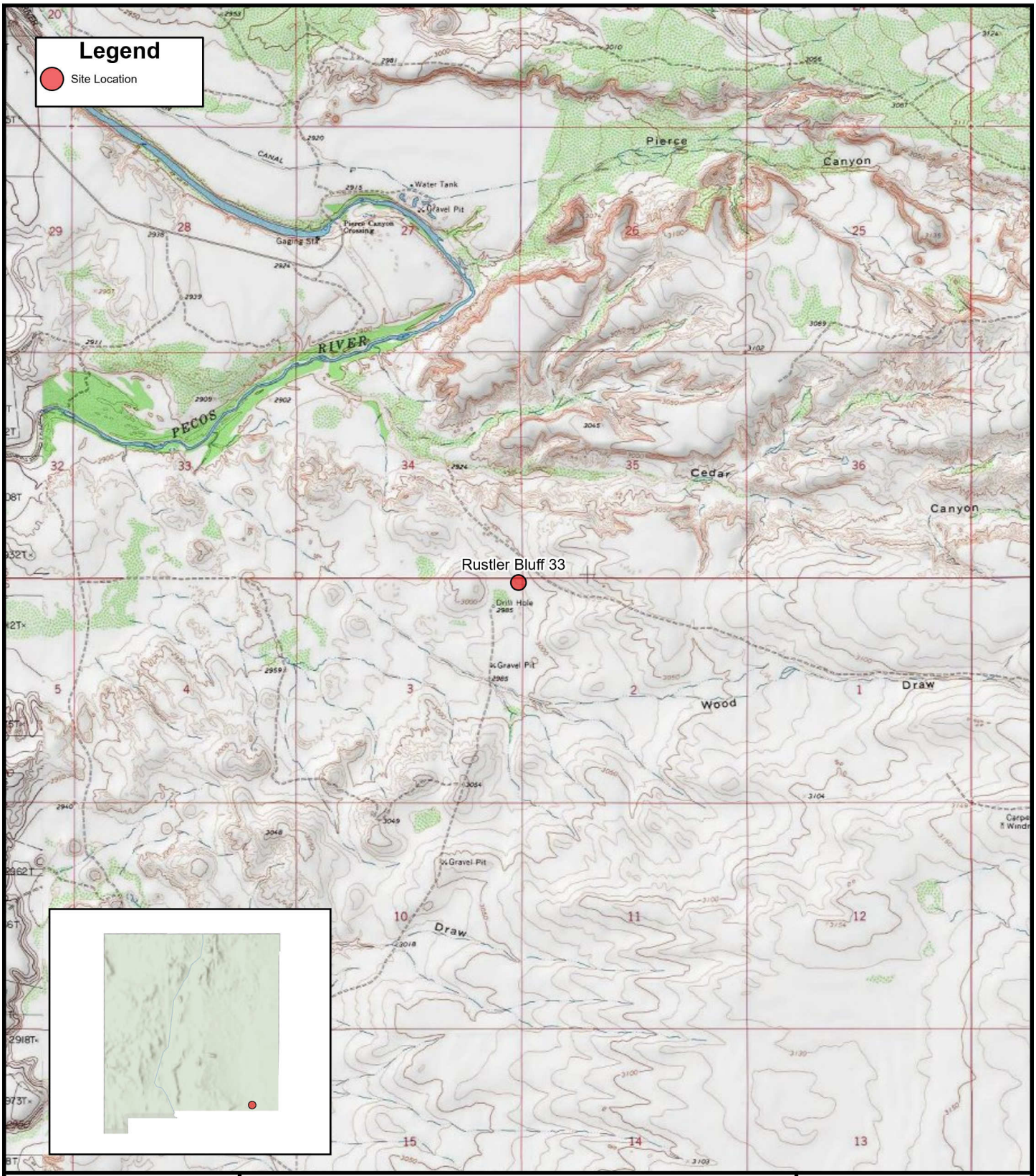

FIGURE 1

Site Location Map

Chevron USA, Inc.
Rustler Bluff 33
Unit L Sec 03 T25S R29E
Eddy County, New Mexico

N

0 2,000 4,000 Feet

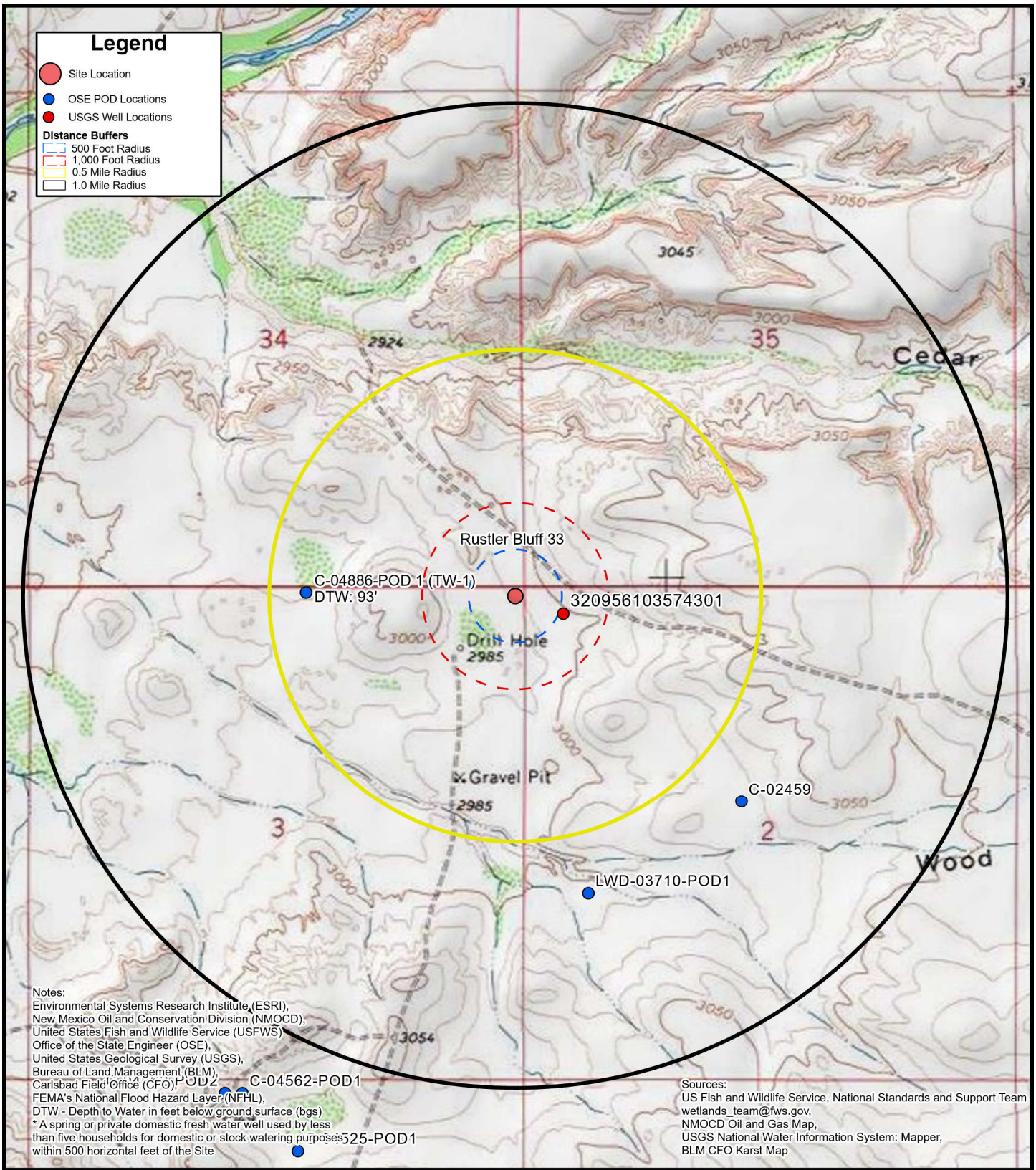

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FIGURE 1A

Site Characterization Map

Groundwater

Chevron USA, Inc.
Rustler Bluff 33
Unit L Sec 03 T25S R29E
Eddy County, New Mexico

N

0 500 1,000 Feet

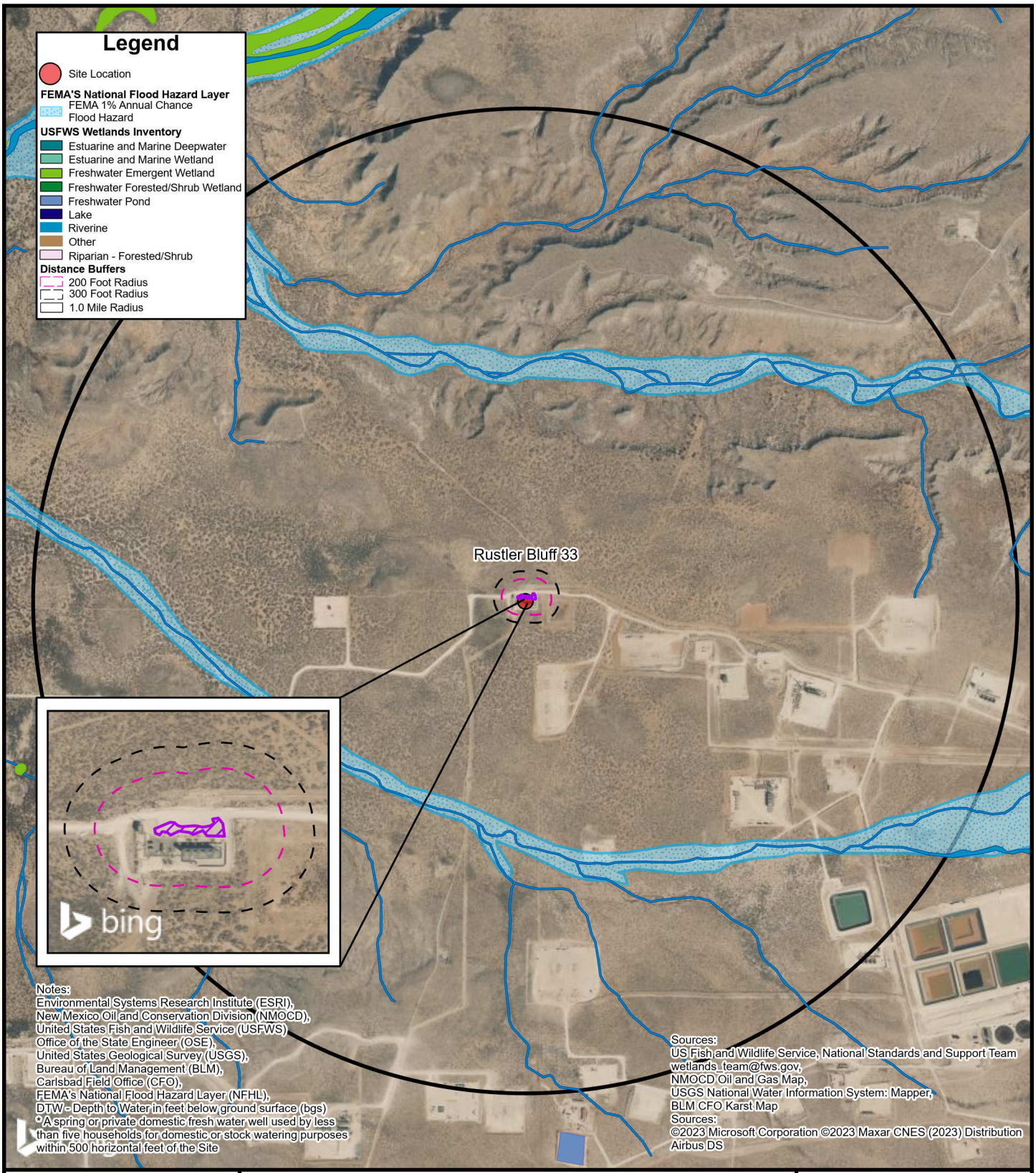

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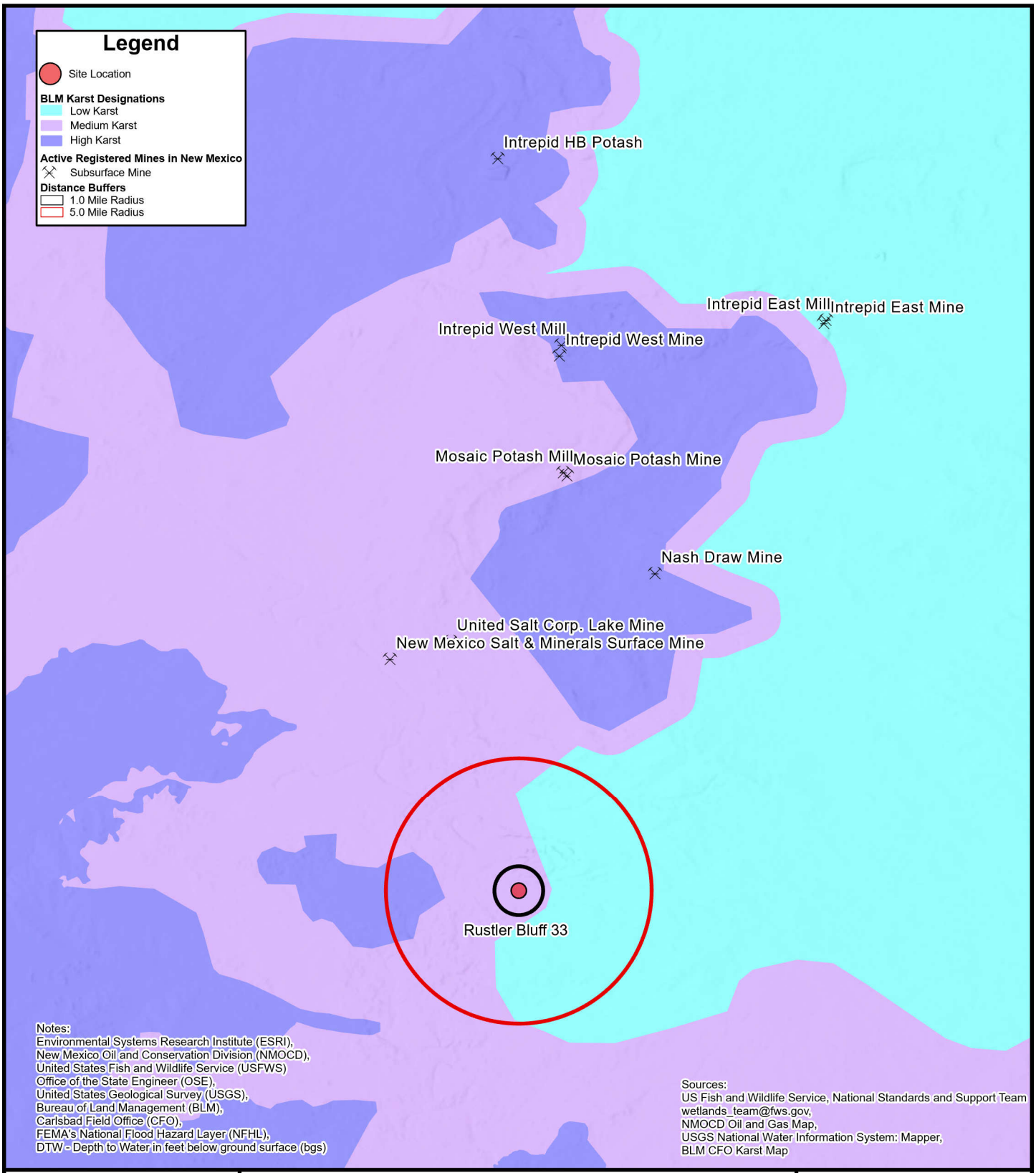
FIGURE 1B

Site Characterization Map
Surficial Receptors

Chevron USA, Inc.
Rustler Bluff 33
Unit L Sec 03 T25S R29E
Eddy County, New Mexico

N

0 500 1,000 Feet



eTECH

FIGURE 1C

Site Characterization Map

Subsurface Receptors

Chevron USA, Inc.
Rustler Bluff 33
Unit L Sec 03 T25S R29E
Eddy County, New Mexico

N

0 15,000 30,000 Feet

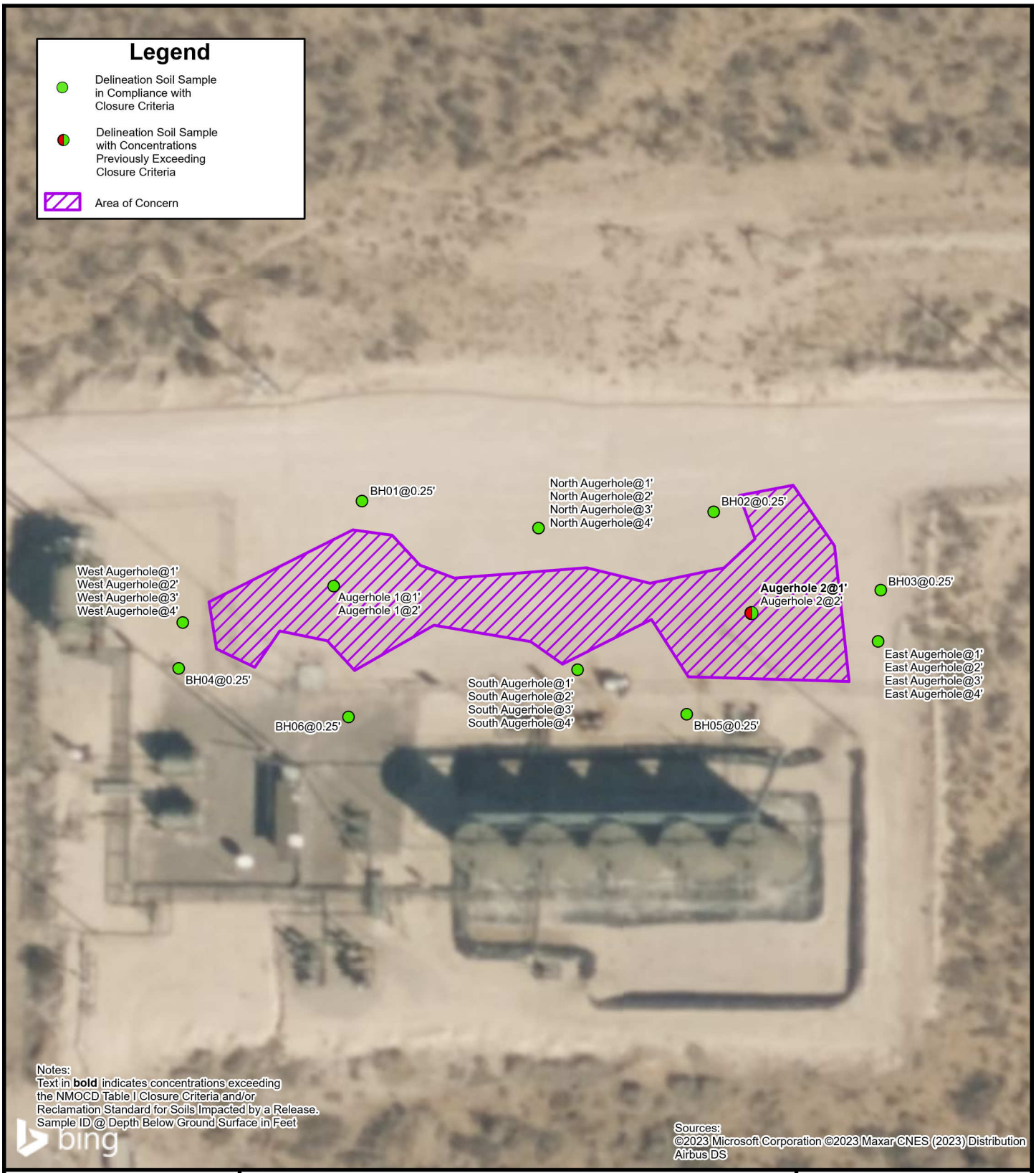


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FIGURE 2

Delineation Soil Sample Locations

Chevron USA, Inc.
Rustler Bluff 33
Unit L Sec 03 T25S R29E
Eddy County, New Mexico

N

0 25 50 Feet

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FIGURE 3

Proposed Excavation Area

Chevron USA, Inc.
Rustler Bluff 33
Unit L Sec 03 T25S R29E
Eddy County, New Mexico

N

0 20.5 41 Feet

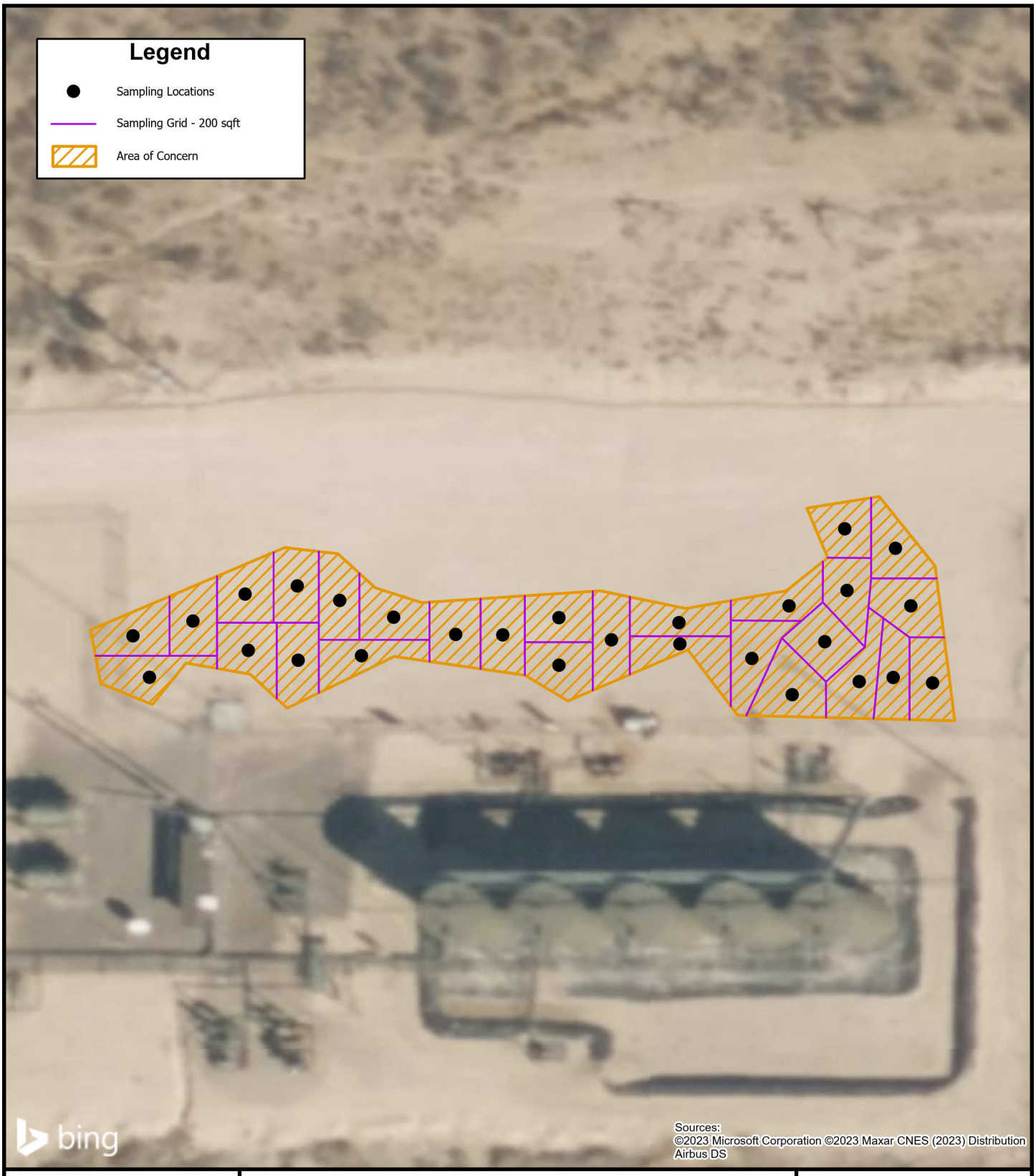

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FIGURE 4

Sampling Grid

Chevron USA, Inc.
Rustler Bluff 33
Unit L Sec 03 T25S R29E
Eddy County, New Mexico

N

0 20.5 41 Feet

APPENDIX B

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD 1 (TW-1)	N/A	C-4886

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Chevron USA Inc.	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6301 Deauville Blvd.	Midland	TX	79701

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	9	58.7	N
	LONGITUDE	103	58	17.0	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

NW L2 Sec.03 T25S R29E, NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
10/07/2024	10/07/2024	Temporary Well Material	±101	

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): ±93

DATE STATIC MEASURED: 10/09/2024

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0	101	±6.25	Soil Boring	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0	19	19	Sand, fine-grained, poorly graded Reddish- Brown	Y ✓ N	
19	74	55	Sand, veryfine-grained, poorly graded , tannish white	Y ✓ N	
74	101	27	Clay, with fine grained sand, little gravel, light-medium brown	✓ 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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 plugged using Type I/II Neat Cement, see attached Plugging Record.

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 (Nov 5, 2024 09:51 MST) — Jackie D. Atkins — 11/05/24

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

APPENDIX C

Photographic Log

PHOTOGRAPHIC LOG
Chevron USA, Inc.
Rustler Bluff 33
Incident Number nAPP2303929522

Photograph 1 **Date: 10/28/2024**
Description: Southwestern view of delineation activities.

Photograph 2 **Date: 10/28/2024**
Description: Northeastern view of delineation activities.

Photograph 3 **Date: 10/28/2024**
Description: Southeastern view of delineation activities.

Photograph 4 **Date: 10/28/2024**
Description: Southwestern view of delineation activities.

APPENDIX D

Tables

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Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Chevron USA, Inc
Rustler Bluff 33
Eddy 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)	DRO+GRO (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**	**1,000**	**2,500**	**10,000**
Delineation Soil Samples - Incident Number nAPP2303929522										
North Auger Hole	03/03/2023	1	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	<26.9	218
North Auger Hole	03/03/2023	2	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	<26.3	58.1
North Auger Hole	03/03/2023	3	<0.00105	0.00137	<26.3	<26.3	<26.3	<26.3	<26.3	57.9
North Auger Hole	03/03/2023	4	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	<26.0	48.0
East Auger Hole	03/03/2023	1	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	<26.9	3.57
East Auger Hole	03/03/2023	2	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	<27.2	5.36
East Auger Hole	03/03/2023	3	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	<26.9	4.74
East Auger Hole	03/03/2023	4	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	<26.6	3.07
South Auger Hole	03/03/2023	1	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	<26.9	684
South Auger Hole	03/03/2023	2	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	<26.6	443
South Auger Hole	03/03/2023	3	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	<26.6	365
South Auger Hole	03/03/2023	4	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	<26.3	246
West Auger Hole	03/03/2023	1	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	<26.3	10.7
West Auger Hole	03/03/2023	2	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	<25.8	9.59
West Auger Hole	03/03/2023	3	<0.00104	<0.00208	<26.6	<26.6	<26.6	<26.6	<26.6	6.29
West Auger Hole	03/03/2023	4	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	<26.6	26.5
Auger Hole 1	03/03/2023	1	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	<26.3	2,630
Auger Hole 1	03/03/2023	2	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	<27.2	4,580
Auger Hole 2	03/03/2023	1	<0.00111	<0.00222	<27.8	<27.8	<27.8	<27.8	<27.8	**11,300**
Auger Hole 2	03/03/2023	2	<0.00111	<0.00222	<27.8	<27.8	<27.8	<27.8	<27.8	2,880
BH01	10/28/2024	0.25	<0.0250	<0.500	<20.0	<25.0	<50.0	<25.0	<50.0	330
BH02	10/28/2024	0.25	<0.0250	<0.500	<20.0	<25.0	<50.0	<25.0	<50.0	312
BH03	10/28/2024	0.25	<0.0250	<0.500	<20.0	<25.0	<50.0	<25.0	<50.0	169
BH04	10/28/2024	0.25	<0.0250	<0.500	<20.0	<25.0	<50.0	<25.0	<50.0	133

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Chevron USA, Inc
Rustler Bluff 33
Eddy 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)	DRO+GRO (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**	**1,000**	**2,500**	**10,000**
BH05	10/28/2024	0.25	<0.0250	<0.500	<20.0	<25.0	<50.0	<25.0	<50.0	551
BH06	10/28/2024	0.25	<0.0250	<0.500	<20.0	<25.0	<50.0	<25.0	<50.0	210

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 and/or Reclamation Standard for Soils Impacted by a Release*

APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

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

PBELAB

Analytical Report

Prepared for:

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

Project: Rustler Bluff 33-34 CTB
Project Number: 17563
Location: Eddy County, TX

Lab Order Number: 3C06024

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 03/22/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
North Augerhole @ 1'	3C06024-01	Soil	03/03/23 09:01	03-06-2023 13:43
North Augerhole @ 2'	3C06024-02	Soil	03/03/23 09:04	03-06-2023 13:43
North Augerhole @ 3'	3C06024-03	Soil	03/03/23 09:08	03-06-2023 13:43
North Augerhole @ 4'	3C06024-04	Soil	03/03/23 09:11	03-06-2023 13:43
East Augerhole @ 1'	3C06024-05	Soil	03/03/23 09:15	03-06-2023 13:43
East Augerhole @ 2'	3C06024-06	Soil	03/03/23 09:19	03-06-2023 13:43
East Augerhole @ 3'	3C06024-07	Soil	03/03/23 09:25	03-06-2023 13:43
East Augerhole @ 4'	3C06024-08	Soil	03/03/23 09:34	03-06-2023 13:43
South Augerhole @ 1'	3C06024-09	Soil	03/03/23 09:39	03-06-2023 13:43
South Augerhole @ 2'	3C06024-10	Soil	03/03/23 09:43	03-06-2023 13:43
South Augerhole @ 3'	3C06024-11	Soil	03/03/23 09:49	03-06-2023 13:43
South Augerhole @ 4'	3C06024-12	Soil	03/03/23 09:55	03-06-2023 13:43
West Augerhole @ 1'	3C06024-13	Soil	03/03/23 09:59	03-06-2023 13:43
West Augerhole @ 2'	3C06024-14	Soil	03/03/23 10:04	03-06-2023 13:43
West Augerhole @ 3'	3C06024-15	Soil	03/03/23 10:10	03-06-2023 13:43
West Augerhole @ 4'	3C06024-16	Soil	03/03/23 10:16	03-06-2023 13:43
Augerhole 1 @ 1'	3C06024-17	Soil	03/03/23 10:24	03-06-2023 13:43
Augerhole 1 @ 2'	3C06024-18	Soil	03/03/23 10:32	03-06-2023 13:43
Augerhole 2 @ 1'	3C06024-19	Soil	03/03/23 10:40	03-06-2023 13:43
Augerhole 2 @ 2'	3C06024-20	Soil	03/03/23 10:50	03-06-2023 13:43

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

North Augerhole @ 1'

3C06024-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:03	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:03	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:03	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:03	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P3C0905*	*03/09/23 11:24*	*03/10/23 15:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*80-120*		*P3C0905*	*03/09/23 11:24*	*03/10/23 15:03*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 06:10	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 06:10	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 06:10	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.8 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 06:10*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 06:10*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 06:10	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**218**	1.08	mg/kg dry	1	P3C0902	03/09/23 08:54	03/10/23 02:45	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

North Augerhole @ 2'

3C06024-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:24	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:24	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:24	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:24	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C0905	03/09/23 11:24	03/10/23 15:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*80-120*		*P3C0905*	*03/09/23 11:24*	*03/10/23 15:24*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P3C0905*	*03/09/23 11:24*	*03/10/23 15:24*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 06:36	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 06:36	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 06:36	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.0 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 06:36*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 06:36*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 06:36	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**58.1**	1.05	mg/kg dry	1	P3C0902	03/09/23 08:54	03/10/23 02:59	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

North Augerhole @ 3'

3C06024-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:38	EPA 8021B	
Toluene	**0.00137**	0.00105	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:38	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:38	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:38	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.0 %*	*80-120*		*P3C2103*	*03/21/23 09:36*	*03/21/23 12:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P3C2103*	*03/21/23 09:36*	*03/21/23 12:38*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 07:03	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 07:03	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 07:03	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.1 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 07:03*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 07:03*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 07:03	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**57.9**	1.05	mg/kg dry	1	P3C0902	03/09/23 08:54	03/10/23 03:14	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

North Augerhole @ 4'

3C06024-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:59	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:59	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:59	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:59	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C2103	03/21/23 09:36	03/21/23 12:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.1 %*	*80-120*		*P3C2103*	*03/21/23 09:36*	*03/21/23 12:59*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C2103*	*03/21/23 09:36*	*03/21/23 12:59*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 07:29	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 07:29	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 07:29	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 07:29*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 07:29*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 07:29	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**48.0**	1.04	mg/kg dry	1	P3C0902	03/09/23 08:54	03/10/23 03:28	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

East Augerhole @ 1'

3C06024-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:10	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:10	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:10	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:10	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 15:10*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 15:10*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 07:56	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 07:56	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 07:56	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.7 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 07:56*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 07:56*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 07:56	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.57**	1.08	mg/kg dry	1	P3C0902	03/09/23 08:54	03/10/23 03:42	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

East Augerhole @ 2'

3C06024-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:31	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:31	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:31	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:31	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 15:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.7 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 15:31*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 08:22	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 08:22	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 08:22	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.7 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 08:22*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 08:22*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 08:22	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.36**	1.09	mg/kg dry	1	P3C0902	03/09/23 08:54	03/10/23 03:57	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

East Augerhole @ 3'

3C06024-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:53	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:53	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:53	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:53	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 15:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 15:53*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 15:53*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 08:49	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 08:49	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 08:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.2 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 08:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 08:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 08:49	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4.74**	1.08	mg/kg dry	1	P3C0902	03/09/23 08:54	03/10/23 04:11	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

East Augerhole @ 4'

3C06024-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:14	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:14	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:14	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:14	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 16:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 16:14*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 09:16	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 09:16	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 09:16	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.1 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 09:16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 09:16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 09:16	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.07**	1.06	mg/kg dry	1	P3C0902	03/09/23 08:54	03/10/23 04:25	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

South Augerhole @ 1'

3C06024-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:36	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:36	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:36	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:36	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 16:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 16:36*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 16:36*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 09:42	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 09:42	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 09:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.5 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 09:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 09:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 09:42	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**684**	1.08	mg/kg dry	1	P3C1004	03/10/23 08:00	03/10/23 14:57	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

South Augerhole @ 2'

3C06024-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 17:40	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 17:40	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 17:40	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 17:40	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 17:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 17:40*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 17:40*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 10:08	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 10:08	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 10:08	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 10:08*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 10:08*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 10:08	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**443**	1.06	mg/kg dry	1	P3C1004	03/10/23 08:00	03/10/23 15:11	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

South Augerhole @ 3'

3C06024-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:01	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:01	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:01	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:01	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 18:01*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 18:01*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 11:25	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 11:25	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 11:25	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.4 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 11:25*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 11:25*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 11:25	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**365**	1.06	mg/kg dry	1	P3C1004	03/10/23 08:00	03/10/23 15:26	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

South Augerhole @ 4'

3C06024-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:23	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:23	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:23	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:23	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.0 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 18:23*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 18:23*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 11:51	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 11:51	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 11:51	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 11:51*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 11:51*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 11:51	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**246**	1.05	mg/kg dry	1	P3C1004	03/10/23 08:00	03/10/23 15:40	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

West Augerhole @ 1'

3C06024-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:44	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:44	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:44	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:44	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 18:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 18:44*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.6 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 18:44*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 12:17	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 12:17	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 12:17	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.4 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 12:17*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 12:17*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 12:17	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.7**	1.05	mg/kg dry	1	P3C1004	03/10/23 08:00	03/10/23 15:54	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

West Augerhole @ 2'

3C06024-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:05	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:05	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:05	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:05	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:05	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.1 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 19:05*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 19:05*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 12:42	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 12:42	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 12:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.6 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 12:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 12:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 12:42	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9.59**	1.03	mg/kg dry	1	P3C1004	03/10/23 08:00	03/10/23 16:08	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

West Augerhole @ 3'

3C06024-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:26	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:26	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:26	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:26	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.8 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 19:26*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 19:26*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 13:07	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 13:07	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 13:07	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.7 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 13:07*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 13:07*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 13:07	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.29**	1.04	mg/kg dry	1	P3C1004	03/10/23 08:00	03/10/23 16:23	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

West Augerhole @ 4'

3C06024-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:47	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:47	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:47	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:47	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 19:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 19:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.5 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 19:47*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 13:33	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 13:33	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 13:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.8 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 13:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 13:33*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 13:33	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**26.5**	1.06	mg/kg dry	1	P3C1004	03/10/23 08:00	03/10/23 16:37	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

Augerhole 1 @ 1'

3C06024-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:09	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:09	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:09	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:09	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 20:09*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 20:09*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 13:58	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 13:58	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 13:58	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.4 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 13:58*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 13:58*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 13:58	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2630**	5.26	mg/kg dry	5	P3C1004	03/10/23 08:00	03/10/23 16:51	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

Augerhole 1 @ 2'

3C06024-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:30	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:30	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:30	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:30	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.5 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 20:30*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 20:30*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 14:23	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 14:23	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 14:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*80.8 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 14:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.7 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 14:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 14:23	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4580**	5.43	mg/kg dry	5	P3C1004	03/10/23 08:00	03/10/23 17:34	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

Augerhole 2 @ 1'

3C06024-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:52	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:52	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:52	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:52	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P3C1301	03/13/23 09:57	03/13/23 20:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 20:52*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P3C1301*	*03/13/23 09:57*	*03/13/23 20:52*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 14:48	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 14:48	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 14:48	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 14:48*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 14:48*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 14:48	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11300**	27.8	mg/kg dry	25	P3C1004	03/10/23 08:00	03/10/23 18:17	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

Augerhole 2 @ 2'

3C06024-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P3C1302	03/13/23 10:21	03/13/23 23:43	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P3C1302	03/13/23 10:21	03/13/23 23:43	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P3C1302	03/13/23 10:21	03/13/23 23:43	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P3C1302	03/13/23 10:21	03/13/23 23:43	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P3C1302	03/13/23 10:21	03/13/23 23:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.8 %*	*80-120*		*P3C1302*	*03/13/23 10:21*	*03/13/23 23:43*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C1302*	*03/13/23 10:21*	*03/13/23 23:43*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 15:13	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 15:13	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P3C1306	03/13/23 13:00	03/19/23 15:13	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 15:13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C1306*	*03/13/23 13:00*	*03/19/23 15:13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/13/23 13:00	03/19/23 15:13	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2880**	5.56	mg/kg dry	5	P3C1004	03/10/23 08:00	03/10/23 19:00	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P3C0807	03/08/23 16:03	03/09/23 07:35	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
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
Batch P3C0905 - * DEFAULT PREP *** **										
Blank (P3C0905-BLK1)				Prepared & Analyzed: 03/09/23						
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*		*96.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
LCS (P3C0905-BS1)				Prepared & Analyzed: 03/09/23						
Benzene	0.100	0.00100	mg/kg	0.100		100	80-120			
Toluene	0.0971	0.00100	"	0.100		97.1	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.4	80-120			
Xylene (o)	0.0932	0.00100	"	0.100		93.2	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.126*		"	*0.120*		*105*	*80-120*			
LCS Dup (P3C0905-BSD1)				Prepared & Analyzed: 03/09/23						
Benzene	0.0971	0.00100	mg/kg	0.100		97.1	80-120	3.01	20	
Toluene	0.0943	0.00100	"	0.100		94.3	80-120	2.88	20	
Ethylbenzene	0.0977	0.00100	"	0.100		97.7	80-120	2.83	20	
Xylene (p/m)	0.172	0.00200	"	0.200		85.8	80-120	2.91	20	
Xylene (o)	0.0906	0.00100	"	0.100		90.6	80-120	2.81	20	
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			
Calibration Blank (P3C0905-CCB1)				Prepared & Analyzed: 03/09/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*94.8*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
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
Batch P3C0905 - * DEFAULT PREP *** **										
Calibration Blank (P3C0905-CCB2)				Prepared & Analyzed: 03/09/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*97.0*	*80-120*			
Calibration Check (P3C0905-CCV1)				Prepared & Analyzed: 03/09/23						
Benzene	0.109	0.00100	mg/kg	0.100		109	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.6	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.5*	*75-125*			
Calibration Check (P3C0905-CCV2)				Prepared & Analyzed: 03/09/23						
Benzene	0.109	0.00100	mg/kg	0.100		109	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200		93.5	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.4*	*75-125*			
Batch P3C1301 - * DEFAULT PREP *** **										
Blank (P3C1301-BLK1)				Prepared & Analyzed: 03/13/23						
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	*0.113*		*"*	*0.120*		*93.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*95.2*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
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
Batch P3C1301 - * DEFAULT PREP *** **										
LCS (P3C1301-BS1)				Prepared & Analyzed: 03/13/23						
Benzene	0.105	0.00100	mg/kg	0.100		105	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)	0.187	0.00200	"	0.200		93.3	80-120			
Xylene (o)	0.0993	0.00100	"	0.100		99.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*97.0*	*80-120*			
LCS Dup (P3C1301-BSD1)				Prepared & Analyzed: 03/13/23						
Benzene	0.107	0.00100	mg/kg	0.100		107	80-120	1.18	20	
Toluene	0.104	0.00100	"	0.100		104	80-120	1.34	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	1.24	20	
Xylene (p/m)	0.188	0.00200	"	0.200		94.2	80-120	0.965	20	
Xylene (o)	0.100	0.00100	"	0.100		100	80-120	0.742	20	
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*96.2*	*80-120*			
Calibration Blank (P3C1301-CCB1)				Prepared & Analyzed: 03/13/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.120		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*97.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.2*	*80-120*			
Calibration Blank (P3C1301-CCB2)				Prepared & Analyzed: 03/13/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.150		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.1*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
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
Batch P3C1301 - * DEFAULT PREP *** **										
Calibration Blank (P3C1301-CCB3)				Prepared & Analyzed: 03/13/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.110		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Calibration Check (P3C1301-CCV1)				Prepared & Analyzed: 03/13/23						
Benzene	0.0935	0.00100	mg/kg	0.100		93.5	80-120			
Toluene	0.0906	0.00100	"	0.100		90.6	80-120			
Ethylbenzene	0.0880	0.00100	"	0.100		88.0	80-120			
Xylene (p/m)	0.163	0.00200	"	0.200		81.5	80-120			
Xylene (o)	0.0878	0.00100	"	0.100		87.8	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Calibration Check (P3C1301-CCV2)				Prepared & Analyzed: 03/13/23						
Benzene	0.105	0.00100	mg/kg	0.100		105	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0987	0.00100	"	0.100		98.7	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200		90.4	80-120			
Xylene (o)	0.0985	0.00100	"	0.100		98.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.5*	*75-125*			
Calibration Check (P3C1301-CCV3)				Prepared & Analyzed: 03/13/23						
Benzene	0.107	0.00100	mg/kg	0.100		107	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		90.1	80-120			
Xylene (o)	0.0986	0.00100	"	0.100		98.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
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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
Batch P3C1301 - * DEFAULT PREP *** **										
Matrix Spike (P3C1301-MS1)	**Source: 3C06024-05**			Prepared & Analyzed: 03/13/23						
Benzene	0.0711	0.00108	mg/kg dry	0.108	ND	66.1	80-120			QM-05
Toluene	0.0699	0.00108	"	0.108	ND	65.0	80-120			QM-05
Ethylbenzene	0.0661	0.00108	"	0.108	ND	61.5	80-120			QM-05
Xylene (p/m)	0.117	0.00215	"	0.215	ND	54.3	80-120			QM-05
Xylene (o)	0.0604	0.00108	"	0.108	ND	56.2	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.129*		*97.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.144*		*"*	*0.129*		*112*	*80-120*			
Matrix Spike Dup (P3C1301-MSD1)	**Source: 3C06024-05**			Prepared & Analyzed: 03/13/23						
Benzene	0.0819	0.00108	mg/kg dry	0.108	ND	76.1	80-120	14.1	20	QM-05
Toluene	0.0799	0.00108	"	0.108	ND	74.3	80-120	13.3	20	QM-05
Ethylbenzene	0.0781	0.00108	"	0.108	ND	72.6	80-120	16.6	20	QM-05
Xylene (p/m)	0.137	0.00215	"	0.215	ND	63.8	80-120	16.0	20	QM-05
Xylene (o)	0.0711	0.00108	"	0.108	ND	66.1	80-120	16.2	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.144*		*"*	*0.129*		*111*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.129*		*97.6*	*80-120*			
Batch P3C1302 - * DEFAULT PREP *** **										
Blank (P3C1302-BLK1)				Prepared & Analyzed: 03/13/23						
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	*0.119*		*"*	*0.120*		*99.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.8*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
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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
Batch P3C1302 - * DEFAULT PREP *** **										
LCS (P3C1302-BS1)				Prepared & Analyzed: 03/13/23						
Benzene	0.106	0.00100	mg/kg	0.100		106	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		89.8	80-120			
Xylene (o)	0.0965	0.00100	"	0.100		96.5	80-120			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
LCS Dup (P3C1302-BSD1)				Prepared & Analyzed: 03/13/23						
Benzene	0.0949	0.00100	mg/kg	0.100		94.9	80-120	10.7	20	
Toluene	0.0891	0.00100	"	0.100		89.1	80-120	13.0	20	
Ethylbenzene	0.0897	0.00100	"	0.100		89.7	80-120	14.3	20	
Xylene (p/m)	0.161	0.00200	"	0.200		80.3	80-120	11.2	20	
Xylene (o)	0.0841	0.00100	"	0.100		84.1	80-120	13.7	20	
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*97.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*105*	*80-120*			
Calibration Blank (P3C1302-CCB1)				Prepared & Analyzed: 03/13/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.110		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*80-120*			
Calibration Blank (P3C1302-CCB2)				Prepared: 03/13/23 Analyzed: 03/14/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.110		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.6*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
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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
Batch P3C1302 - * DEFAULT PREP *** **										
Calibration Check (P3C1302-CCV1)				Prepared & Analyzed: 03/13/23						
Benzene	0.107	0.00100	mg/kg	0.100		107	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		90.1	80-120			
Xylene (o)	0.0986	0.00100	"	0.100		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Calibration Check (P3C1302-CCV2)				Prepared: 03/13/23 Analyzed: 03/14/23						
Benzene	0.106	0.00100	mg/kg	0.100		106	80-120			
Toluene	0.0996	0.00100	"	0.100		99.6	80-120			
Ethylbenzene	0.0944	0.00100	"	0.100		94.4	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200		85.6	80-120			
Xylene (o)	0.0948	0.00100	"	0.100		94.8	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Calibration Check (P3C1302-CCV3)				Prepared: 03/13/23 Analyzed: 03/14/23						
Benzene	0.105	0.00100	mg/kg	0.100		105	80-120			
Toluene	0.0991	0.00100	"	0.100		99.1	80-120			
Ethylbenzene	0.0939	0.00100	"	0.100		93.9	80-120			
Xylene (p/m)	0.168	0.00200	"	0.200		84.0	80-120			
Xylene (o)	0.0937	0.00100	"	0.100		93.7	80-120			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Matrix Spike (P3C1302-MS1)		**Source: 3C07003-01**		Prepared: 03/13/23 Analyzed: 03/14/23						
Benzene	0.100	0.00120	mg/kg dry	0.120	ND	83.1	80-120			
Toluene	0.0955	0.00120	"	0.120	ND	79.3	80-120			QM-05
Ethylbenzene	0.0882	0.00120	"	0.120	ND	73.2	80-120			QM-05
Xylene (p/m)	0.130	0.00241	"	0.241	ND	54.1	80-120			QM-05
Xylene (o)	0.0804	0.00120	"	0.120	ND	66.8	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.157*		*"*	*0.145*		*109*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.143*		*"*	*0.145*		*99.0*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C1302 - * DEFAULT PREP *** **										
Matrix Spike Dup (P3C1302-MSD1)	**Source: 3C07003-01**			Prepared: 03/13/23 Analyzed: 03/14/23						
Benzene	0.102	0.00120	mg/kg dry	0.120	ND	84.3	80-120	1.51	20	
Toluene	0.0970	0.00120	"	0.120	ND	80.5	80-120	1.56	20	
Ethylbenzene	0.0905	0.00120	"	0.120	ND	75.1	80-120	2.56	20	QM-05
Xylene (p/m)	0.137	0.00241	"	0.241	ND	57.0	80-120	5.28	20	QM-05
Xylene (o)	0.0822	0.00120	"	0.120	ND	68.3	80-120	2.24	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.158*		*"*	*0.145*		*109*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.143*		*"*	*0.145*		*99.1*	*80-120*			
Batch P3C2103 - * DEFAULT PREP *** **										
LCS (P3C2103-BS1)				Prepared & Analyzed: 03/21/23						
Benzene	0.105	0.00100	mg/kg	0.100		105	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		94.2	80-120			
Xylene (o)	0.0998	0.00100	"	0.100		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*96.0*	*80-120*			
LCS Dup (P3C2103-BSD1)				Prepared & Analyzed: 03/21/23						
Benzene	0.106	0.00100	mg/kg	0.100		106	80-120	0.710	20	
Toluene	0.104	0.00100	"	0.100		104	80-120	0.849	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120	0.298	20	
Xylene (p/m)	0.189	0.00200	"	0.200		94.5	80-120	0.297	20	
Xylene (o)	0.100	0.00100	"	0.100		100	80-120	0.569	20	
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			

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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2103 - * DEFAULT PREP *** **										
Calibration Blank (P3C2103-CCB1)				Prepared & Analyzed: 03/21/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.120		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.1*	*80-120*			
Calibration Blank (P3C2103-CCB2)				Prepared & Analyzed: 03/21/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.160		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.104*		*"*	*0.120*		*86.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0931*		*"*	*0.120*		*77.6*	*80-120*			
Calibration Check (P3C2103-CCV1)				Prepared & Analyzed: 03/21/23						
Benzene	0.106	0.00100	mg/kg	0.100		106	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.4	80-120			
Xylene (o)	0.0995	0.00100	"	0.100		99.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.6*	*75-125*			
Calibration Check (P3C2103-CCV2)				Prepared & Analyzed: 03/21/23						
Benzene	0.116	0.00100	mg/kg	0.100		116	80-120			
Toluene	0.0987	0.00100	"	0.100		98.7	80-120			
Ethylbenzene	0.0906	0.00100	"	0.100		90.6	80-120			
Xylene (p/m)	0.170	0.00200	"	0.200		84.9	80-120			
Xylene (o)	0.0986	0.00100	"	0.100		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*91.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0961*		*"*	*0.120*		*80.1*	*75-125*			

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Odessa TX, 79765	Project Manager: Blake Estep

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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2103 - * DEFAULT PREP *** **										
Calibration Check (P3C2103-CCV3)				Prepared & Analyzed: 03/21/23						
Benzene	0.108	0.00100	mg/kg	0.100		108	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.0986	0.00100	"	0.100		98.6	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		90.2	80-120			
Xylene (o)	0.0990	0.00100	"	0.100		99.0	80-120			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*103*	*75-125*			
Matrix Spike (P3C2103-MS1)		**Source: 3C20004-01**		Prepared & Analyzed: 03/21/23						
Benzene	0.0843	0.00105	mg/kg dry	0.105	0.000916	79.2	80-120			QM-05
Toluene	0.0709	0.00105	"	0.105	0.0501	19.8	80-120			QM-05
Ethylbenzene	0.0634	0.00105	"	0.105	0.704	NR	80-120			QM-05
Xylene (p/m)	0.112	0.00211	"	0.211	1.11	NR	80-120			QM-05
Xylene (o)	0.0622	0.00105	"	0.105	0.629	NR	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.127*		"	*0.126*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.126*		*96.2*	*80-120*			
Matrix Spike Dup (P3C2103-MSD1)		**Source: 3C20004-01**		Prepared & Analyzed: 03/21/23						
Benzene	0.0860	0.00105	mg/kg dry	0.105	0.000916	80.9	80-120	2.09	20	
Toluene	0.0756	0.00105	"	0.105	0.0501	24.2	80-120	20.0	20	QM-05
Ethylbenzene	0.0691	0.00105	"	0.105	0.704	NR	80-120	NR	20	QM-05
Xylene (p/m)	0.121	0.00211	"	0.211	1.11	NR	80-120	NR	20	QM-05
Xylene (o)	0.0674	0.00105	"	0.105	0.629	NR	80-120	NR	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.126*		*97.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.133*		"	*0.126*		*105*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
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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 P3C1306 - TX 1005										
Blank (P3C1306-BLK1)				Prepared: 03/13/23 Analyzed: 03/19/23						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*89.7*		*"*	*100*		*89.7*	*70-130*			
Surrogate: o-Terphenyl	*52.9*		*"*	*50.0*		*106*	*70-130*			
LCS (P3C1306-BS1)				Prepared: 03/13/23 Analyzed: 03/19/23						
C6-C12	910	25.0	mg/kg	1000		91.0	75-125			
>C12-C28	958	25.0	"	1000		95.8	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*52.4*		*"*	*50.0*		*105*	*70-130*			
LCS Dup (P3C1306-BSD1)				Prepared: 03/13/23 Analyzed: 03/19/23						
C6-C12	882	25.0	mg/kg	1000		88.2	75-125	3.16	20	
>C12-C28	942	25.0	"	1000		94.2	75-125	1.74	20	
Surrogate: 1-Chlorooctane	*121*		*"*	*100*		*121*	*70-130*			
Surrogate: o-Terphenyl	*53.5*		*"*	*50.0*		*107*	*70-130*			
Calibration Check (P3C1306-CCV1)				Prepared: 03/13/23 Analyzed: 03/19/23						
C6-C12	475	25.0	mg/kg	500		95.0	85-115			
>C12-C28	427	25.0	"	500		85.5	85-115			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*52.3*		*"*	*50.0*		*105*	*70-130*			
Calibration Check (P3C1306-CCV2)				Prepared: 03/13/23 Analyzed: 03/19/23						
C6-C12	488	25.0	mg/kg	500		97.6	85-115			
>C12-C28	444	25.0	"	500		88.9	85-115			
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*53.6*		*"*	*50.0*		*107*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
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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 P3C1306 - TX 1005										
Matrix Spike (P3C1306-MS1)	**Source: 3C06024-20**			Prepared: 03/13/23 Analyzed: 03/19/23						
C6-C12	939	27.8	mg/kg dry	1110	ND	84.5	75-125			
>C12-C28	974	27.8	"	1110	ND	87.6	75-125			
Surrogate: 1-Chlorooctane	*121*		*"*	*111*		*109*	*70-130*			
Surrogate: o-Terphenyl	*60.2*		*"*	*55.6*		*108*	*70-130*			
Matrix Spike Dup (P3C1306-MSD1)	**Source: 3C06024-20**			Prepared: 03/13/23 Analyzed: 03/19/23						
C6-C12	932	27.8	mg/kg dry	1110	ND	83.9	75-125	0.643	20	
>C12-C28	992	27.8	"	1110	ND	89.3	75-125	1.89	20	
Surrogate: 1-Chlorooctane	*121*		*"*	*111*		*109*	*70-130*			
Surrogate: o-Terphenyl	*53.7*		*"*	*55.6*		*96.6*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
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 P3C0807 - * DEFAULT PREP *** **										
Blank (P3C0807-BLK1)				Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	ND	0.1	%							
Blank (P3C0807-BLK2)				Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	ND	0.1	%							
Duplicate (P3C0807-DUP1)		**Source: 3C03012-10**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P3C0807-DUP2)		**Source: 3C06003-02**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	18.0	0.1	%		17.0			5.71	20	
Duplicate (P3C0807-DUP3)		**Source: 3C06007-04**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P3C0807-DUP4)		**Source: 3C06012-08**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	3.0	0.1	%		2.0			40.0	20	R3
Duplicate (P3C0807-DUP5)		**Source: 3C06016-07**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P3C0807-DUP6)		**Source: 3C06019-03**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P3C0807-DUP7)		**Source: 3C06022-02**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	8.0	0.1	%		7.0			13.3	20	
Duplicate (P3C0807-DUP8)		**Source: 3C06023-03**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	6.0	0.1	%		5.0			18.2	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
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 P3C0807 - * DEFAULT PREP *** **										
Duplicate (P3C0807-DUP9)		**Source: 3C06024-02**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	6.0	0.1	%		5.0			18.2	20	
Duplicate (P3C0807-DUPA)		**Source: 3C06024-12**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P3C0807-DUPB)		**Source: 3C07001-07**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	6.0	0.1	%		7.0			15.4	20	
Duplicate (P3C0807-DUPC)		**Source: 3C07001-17**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P3C0807-DUPD)		**Source: 3C07002-14**		Prepared: 03/08/23 Analyzed: 03/09/23						
% Moisture	13.0	0.1	%		13.0			0.00	20	
Batch P3C0902 - * DEFAULT PREP *** **										
Blank (P3C0902-BLK1)				Prepared & Analyzed: 03/09/23						
Chloride	ND	1.00	mg/kg							
LCS (P3C0902-BS1)				Prepared: 03/09/23 Analyzed: 03/10/23						
Chloride	18.0		mg/kg	20.0		90.2	90-110			
LCS Dup (P3C0902-BSD1)				Prepared & Analyzed: 03/09/23						
Chloride	18.4		mg/kg	20.0		91.8	90-110	1.67	10	
Calibration Check (P3C0902-CCV1)				Prepared & Analyzed: 03/09/23						
Chloride	18.5		mg/kg	20.0		92.5	90-110			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
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 P3C0902 - * DEFAULT PREP *** **										
Calibration Check (P3C0902-CCV2)				Prepared: 03/09/23 Analyzed: 03/10/23						
Chloride	18.8		mg/kg	20.0		94.0	90-110			
Calibration Check (P3C0902-CCV3)				Prepared: 03/09/23 Analyzed: 03/10/23						
Chloride	18.6		mg/kg	20.0		93.1	90-110			
Matrix Spike (P3C0902-MS1)		**Source: 3C06022-01**		Prepared & Analyzed: 03/09/23						
Chloride	6280	11.6	mg/kg dry	1160	4850	123	80-120			QM-05
Matrix Spike (P3C0902-MS2)		**Source: 3C06022-08**		Prepared: 03/09/23 Analyzed: 03/10/23						
Chloride	8600	12.3	mg/kg dry	1230	5030	289	80-120			QM-05
Matrix Spike Dup (P3C0902-MSD1)		**Source: 3C06022-01**		Prepared & Analyzed: 03/09/23						
Chloride	4400	11.6	mg/kg dry	1160	4850	NR	80-120	35.2	20	QM-05
Matrix Spike Dup (P3C0902-MSD2)		**Source: 3C06022-08**		Prepared: 03/09/23 Analyzed: 03/10/23						
Chloride	6300	12.3	mg/kg dry	1230	5030	103	80-120	30.9	20	R
Batch P3C1004 - * DEFAULT PREP *** **										
Blank (P3C1004-BLK1)				Prepared & Analyzed: 03/10/23						
Chloride	ND	1.00	mg/kg							
LCS (P3C1004-BS1)				Prepared & Analyzed: 03/10/23						
Chloride	18.1		mg/kg	20.0		90.4	90-110			
LCS Dup (P3C1004-BSD1)				Prepared & Analyzed: 03/10/23						
Chloride	18.3		mg/kg	20.0		91.5	90-110	1.19	10	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
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 P3C1004 - * DEFAULT PREP *** **										
Calibration Check (P3C1004-CCV1)				Prepared & Analyzed: 03/10/23						
Chloride	18.0	1.00	mg/kg				90-110			
Calibration Check (P3C1004-CCV2)				Prepared & Analyzed: 03/10/23						
Chloride	18.4	1.00	mg/kg				90-110			
Matrix Spike (P3C1004-MS1)		**Source: 3C06024-17**		Prepared & Analyzed: 03/10/23						
Chloride	3540	5.26	mg/kg dry	526	2630	173	80-120			QM-05
Matrix Spike (P3C1004-MS2)		**Source: 3C06024-19**		Prepared & Analyzed: 03/10/23						
Chloride	13200	27.8	mg/kg dry	556	11300	338	80-120			QM-05
Matrix Spike Dup (P3C1004-MSD1)		**Source: 3C06024-17**		Prepared & Analyzed: 03/10/23						
Chloride	2120	5.26	mg/kg dry	526	2630	NR	80-120	50.1	20	QM-05
Matrix Spike Dup (P3C1004-MSD2)		**Source: 3C06024-19**		Prepared & Analyzed: 03/10/23						
Chloride	10700	27.8	mg/kg dry	556	11300	NR	80-120	21.3	20	QM-05

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

Notes and Definitions

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
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: Brent Barron Date: 3/22/2023

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Rustler Bluff 33-34 CTB
13000 West County Road 100	Project Number: 17563
Odessa TX, 79765	Project Manager: Blake Estep

PBELAB Permian Basin Environmental Lab, LP

1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Project Name: Rustler Bluff 33-34 CTB
Project #: 17563 Project Loc: New Mexico
Area: Eddy PO#:
☐ Bill Etech

Report Format: STANDARD:☐ TRRP:☐ NPDES:☐

(lab use only)
ORDER #: 3C060024

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	Preservation & # of Containers: No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW = Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For: 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	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT(Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
1	North Augerhole		1'	3/3/23	9:01	1	☒																			X			
2	North Augerhole		2'		9:04	1	☒																			X			
3	North Augerhole		3'		9:08	1	☒																			X			
4	North Augerhole		4'		9:11	1	☒																			X			
5	East Augerhole		1'		9:15	1	☒																			X			
6	East Augerhole		2'		9:19	1	☒																			X			
7	East Augerhole		3'		9:25	1	☒																			X			
8	East Augerhole		4'		9:34	1	☒																			X			
9	South Augerhole		1'		9:39	1	☒																			X			
10	South Augerhole		2'		9:43	1	☒																			X			
11	South Augerhole		3'		9:49	1	☒																			X			
12	South Augerhole		4'		9:55	1	☒																			X			
13	West Augerhole		1'		9:59	1	☒																			X			
14	West Augerhole		2'		10:04	1	☒																			X			

Special Instructions:
D.I. to etech

Relinquished by:	Date	Time	Received by:	Date	Time
Blake Estep	3-6-23	1:43pm			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Diana Bledsoe	3/6/23	13:43

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 Lone Star

Temperature Upon Receipt: 4.3 °C NCF

PBELAB Permian Basin Environmental Lab, LP

1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Project Name: Rustler Bluff 33-34 CTB
Project #: 17563 Project Loc: New mexico
Area: Eddy PO#:
☐Bill Etech

Report Format: STANDARD:☐ TRRP:☐ NPDES:☐

(lab use only)
ORDER #:

Analyze For:
TCLP: ☐ ☐ ☐ ☐
TOTAL: ☐ ☐ ☐ ☐

Preservation & # of Containers

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-PotableSpecify Other	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	[✓ BTEX 8021B]/5030 or BTEX 8260	RCI	N.O.R.M.	[✓ Chlorides]			RUSH TAT(Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
15	West Augerhole	–	3'	3/3/23	10:10	1	☑	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
16	West Augerhole	–	4'		10:16	1	☑	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
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17	Augerhole 1		1'		10:24	1	☑	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
18	Augerhole 1		2'		10:32	1	☑	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
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19	Augerhole 2		1'		10:46	1	☑	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
20	Augerhole 2		2'		10:50	1	☑	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
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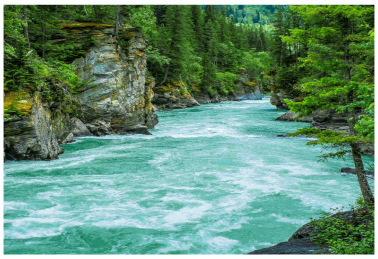
Special Instructions: Bill to etech

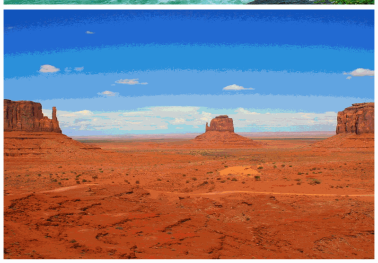
Relinquished by:	Date 3-6-23	Time 1:43pm	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Bledsoe	Date 3/6/23	Time 13:43

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 Lone Star
Temperature Upon Receipt: 4.3 NCF °C 3

Report to:

Abraham Valladares





5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Chevron

Project Name:	Bluff 33 34 CTB
Work Order:	E410355
Job Number:	23077-0001
Received:	10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/24

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

Date Reported: 10/31/24

Abraham Valladares
322 Road 3100
Aztec, NM 87410

Project Name: Bluff 33 34 CTB
Workorder: E410355
Date Received: 10/30/2024 8:00:00AM

Abraham Valladares,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Bluff 33 34 CTB.

The analytical test results summarized in this report with the Project Name: Bluff 33 34 CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Chevron	Project Name:	Bluff 33 34 CTB	**Reported:**
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/24 14:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.25'	E410355-01A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
BH02 0.25'	E410355-02A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
BH03 0.25'	E410355-03A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
BH04 0.25'	E410355-04A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
BH05 0.25'	E410355-05A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
BH06 0.25'	E410355-06A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.

Sample Data

Chevron	Project Name:	Bluff 33 34 CTB	
322 Road 3100	Project Number:	23077-0001	**Reported:**
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

BH01 0.25'

E410355-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Benzene	ND	0.0250	1	10/30/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/30/24	10/30/24	
Toluene	ND	0.0250	1	10/30/24	10/30/24	
o-Xylene	ND	0.0250	1	10/30/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/30/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/30/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.9 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444075
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/30/24*	*10/30/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444076
Chloride	**330**	20.0	1	10/30/24	10/30/24	

Sample Data

Chevron	Project Name:	Bluff 33 34 CTB	
322 Road 3100	Project Number:	23077-0001	**Reported:**
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

BH02 0.25'

E410355-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Benzene	ND	0.0250	1	10/30/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/30/24	10/30/24	
Toluene	ND	0.0250	1	10/30/24	10/30/24	
o-Xylene	ND	0.0250	1	10/30/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/30/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/30/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444075
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/30/24*	*10/30/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444076
Chloride	**312**	20.0	1	10/30/24	10/30/24	

Sample Data

Chevron	Project Name:	Bluff 33 34 CTB	
322 Road 3100	Project Number:	23077-0001	**Reported:**
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

BH03 0.25'

E410355-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Benzene	ND	0.0250	1	10/30/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/30/24	10/30/24	
Toluene	ND	0.0250	1	10/30/24	10/30/24	
o-Xylene	ND	0.0250	1	10/30/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/30/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/30/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444075
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/30/24*	*10/30/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444076
Chloride	**169**	20.0	1	10/30/24	10/30/24	

Sample Data

Chevron	Project Name:	Bluff 33 34 CTB	
322 Road 3100	Project Number:	23077-0001	**Reported:**
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

BH04 0.25'

E410355-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Benzene	ND	0.0250	1	10/30/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/30/24	10/30/24	
Toluene	ND	0.0250	1	10/30/24	10/30/24	
o-Xylene	ND	0.0250	1	10/30/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/30/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/30/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444075
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		*87.0 %*	*50-200*	*10/30/24*	*10/30/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444076
Chloride	**133**	20.0	1	10/30/24	10/30/24	

Sample Data

Chevron	Project Name:	Bluff 33 34 CTB	
322 Road 3100	Project Number:	23077-0001	**Reported:**
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

BH05 0.25'

E410355-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Benzene	ND	0.0250	1	10/30/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/30/24	10/30/24	
Toluene	ND	0.0250	1	10/30/24	10/30/24	
o-Xylene	ND	0.0250	1	10/30/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/30/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/30/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444075
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*10/30/24*	*10/30/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444076
Chloride	**551**	20.0	1	10/30/24	10/30/24	

Sample Data

Chevron	Project Name:	Bluff 33 34 CTB	
322 Road 3100	Project Number:	23077-0001	**Reported:**
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

BH06 0.25'

E410355-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Benzene	ND	0.0250	1	10/30/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/30/24	10/30/24	
Toluene	ND	0.0250	1	10/30/24	10/30/24	
o-Xylene	ND	0.0250	1	10/30/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/30/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/30/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444078
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*10/30/24*	*10/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444075
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		*89.9 %*	*50-200*	*10/30/24*	*10/30/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444076
Chloride	**210**	20.0	1	10/30/24	10/30/24	

QC Summary Data

Chevron	Project Name:	Bluff 33 34 CTB	**Reported:**
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444078-BLK1)									Prepared: 10/30/24 Analyzed: 10/30/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.69*		*8.00*		*96.1*	*70-130*			
LCS (2444078-BS1)									Prepared: 10/30/24 Analyzed: 10/30/24
Benzene	5.14	0.0250	5.00		103	70-130			
Ethylbenzene	4.95	0.0250	5.00		99.0	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	4.94	0.0250	5.00		98.8	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.85*		*8.00*		*98.1*	*70-130*			
LCS Dup (2444078-BSD1)									Prepared: 10/30/24 Analyzed: 10/30/24
Benzene	5.10	0.0250	5.00		102	70-130	0.698	20	
Ethylbenzene	4.93	0.0250	5.00		98.7	70-130	0.386	20	
Toluene	5.04	0.0250	5.00		101	70-130	0.498	20	
o-Xylene	4.92	0.0250	5.00		98.3	70-130	0.441	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	0.298	20	
Total Xylenes	15.0	0.0250	15.0		99.7	70-130	0.345	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.86*		*8.00*		*98.2*	*70-130*			

QC Summary Data

Chevron	Project Name:	Bluff 33 34 CTB	**Reported:**
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444078-BLK1)									Prepared: 10/30/24 Analyzed: 10/30/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.12*		*8.00*		*89.0*	*70-130*			
LCS (2444078-BS2)									Prepared: 10/30/24 Analyzed: 10/30/24
Gasoline Range Organics (C6-C10)	36.4	20.0	50.0		72.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.21*		*8.00*		*90.1*	*70-130*			
LCS Dup (2444078-BSD2)									Prepared: 10/30/24 Analyzed: 10/30/24
Gasoline Range Organics (C6-C10)	39.1	20.0	50.0		78.2	70-130	7.23	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.17*		*8.00*		*89.6*	*70-130*			

QC Summary Data

Chevron	Project Name:	Bluff 33 34 CTB	**Reported:**
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444075-BLK1)									Prepared: 10/30/24 Analyzed: 10/30/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.6*		*50.0*		*109*	*50-200*			
LCS (2444075-BS1)									Prepared: 10/30/24 Analyzed: 10/30/24
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*50-200*			
LCS Dup (2444075-BSD1)									Prepared: 10/30/24 Analyzed: 10/30/24
Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132	0.974	20	
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*50-200*			

QC Summary Data

Chevron	Project Name:	Bluff 33 34 CTB	**Reported:**
322 Road 3100	Project Number:	23077-0001	
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/2024 2:18:59PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444076-BLK1)									Prepared: 10/30/24 Analyzed: 10/30/24
Chloride	ND	20.0							
LCS (2444076-BS1)									Prepared: 10/30/24 Analyzed: 10/30/24
Chloride	254	20.0	250		102	90-110			
LCS Dup (2444076-BSD1)									Prepared: 10/30/24 Analyzed: 10/30/24
Chloride	257	20.0	250		103	90-110	1.18	20	

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

Definitions and Notes

Chevron	Project Name:	Bluff 33 34 CTB	
322 Road 3100	Project Number:	23077-0001	**Reported:**
Aztec NM, 87410	Project Manager:	Abraham Valladares	10/31/24 14:18

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Client: Chevron USA, Inc.	**Bill To**	Lab Use Only		TAT	EPA Program
Client name: Amy Barnhill	Attention: Joseph Hernandez	Lab WO#	Job Number	1D / 2D / 3D / Standard	CWA / SDWA
Project Manager: Abraham Valladares	Address: 13000 W County Rd 100	E410355	23077.0001	1 day TAT	
Project: Rustler Bluff 33 34 CTB	City, State, Zip: Odessa, TX 79765	Analysis and Method			RCRA
Etech Project #: 17563	Phone: (432)563-2200				
Phone: (432)305-6413	Email: ap@etechenv.com				State
Email: abevalladares@etechenv.com	Company Name: Etech Environmental & Safety Solutions				NM / CO / UT / AZ / TX
Collected by: Haleigh Blume	Incident ID: nAPP2303929522				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
9:23	10/28/2024	S	1	BH01	1	0.25								X				
9:26	10/28/2024	S	1	BH02	2	0.25								X				
9:28	10/28/2024	S	1	BH03	3	0.25								X				
9:38	10/28/2024	S	1	BH04	4	0.25								X				
10:01	10/28/2024	S	1	BH05	5	0.25								X				
10:04	10/28/2024	S	1	BH06	6	0.25								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: HB

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10/28/24	16:09	Michelle Gonzales	10-28-24	1747
Michelle Gonzales	10-29-24	1630	[signature]	10.29.24	1630
[signature]	10.29.24	2245	Caitlin Mann	10.30.24	8:00

Lab Use Only
Received on ice: (Y) / N
T1 ____ T2 ____ T3 ____
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other ________

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above

envirotech

Envirotech Analytical Laboratory

Printed: 10/30/2024 8:31:10AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Chevron	Date Received:	10/30/24 08:00	Work Order ID:	E410355
Phone:	432-305-6413	Date Logged In:	10/29/24 15:53	Logged In By:	Noe Soto
Email:	abevalladares@etechenv.com	Due Date:	10/30/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 403960

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 403960
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2303929522**
Incident Name	**NAPP2303929522 RUSTLER BLUFF 33 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**
Incident Facility	**[fAPP2132240498] Rustler Bluff 33**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RUSTLER BLUFF 33
Date Release Discovered	02/04/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water 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	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Flow Line - Production | Produced Water | Released: 122 BBL | Recovered: 2 BBL | Lost: 120 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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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 403960
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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: 11/16/2024

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QUESTIONS (continued)

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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	11300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
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	03/03/2024
On what date will (or did) the final sampling or liner inspection occur	12/31/2024
On what date will (or was) the remediation complete(d)	12/31/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	486
What is the estimated volume (in cubic yards) that will be remediated	18
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
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.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	R360 ARTESIA LLC LANDFARM [fEEM0112340644]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** 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.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 11/16/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 403960
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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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QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	4323
	Action Number: 403960
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	*{Unavailable.}*

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

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CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	4323
	Action Number: 403960
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. The work will need to occur in 90 days after the work plan has been reviewed.	12/9/2024