

March 14, 2025

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request

PLU 28 BS West Battery

Incident Number nAPP2435358022

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Closure Request* to document assessment, surface scraping, and soil sampling activities at the PLU 28 BS West Battery (Site). The purpose of the assessment and sampling activities was to assess for the presence or absence of impacts to soil following a flare fire resulting in crude oil overspray at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, XTO is submitting this *Closure Request*, describing assessment surface scraping, and soil sampling activities that have occurred and requesting no further action for Incident Number nAPP2435358022.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in in Unit F, Section 28, Township 25 South, Range 31 East, in Eddy County, New Mexico (32.104734°, -103.786684°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On December 16, 2024, the flare scrubber sent approximately 0.09 barrels (bbls) of crude oil out of the flare, which ignited and extinguished on the ground. There were no fluids to recover. XTO reported the release and fire to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) and an Initial C-141 Application (C-141) on December 18, 2024. The incident was assigned Incident Number nAPP2435358022.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on nearby groundwater data from a soil boring drilled to investigate regional groundwater depth. In March 2021, a soil boring permitted by New Mexico Office of the State Engineer (C-4500) was completed approximately 0.16 miles south of the Site. Soil boring C-4500 was drilled to a depth of 110 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The temporary well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, NM 88220 | ensolum.com

XTO Energy, Inc Closure Request PLU 28 BS West Battery



was confirmed that groundwater beneath the Site is greater than 110 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash, located approximately 11,681 feet southwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg

TPH: 2,500 mg/kg

Chloride: 20,000 mg/kg

SITE ASSESSMENT ACTIVITIES

On December 18, 2024, Ensolum personnel visited the Site to evaluate the overspray extent and soil staining from the fire based on information provided on the C-141 and visual observations. No soil samples were collected during the Site visit. The area of scorched soil was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 2. Photographic documentation was collected during the Site assessment and Photographic Log is included in Appendix B.

SURFACE SCRAPE AND CONFIRMATION SOIL SAMPLING ACTIVITIES

On January 8, 2025, Ensolum personnel returned to the Site to oversee surface scraping activities. An area of approximately 722 square feet of scorched pad soil was surface scraped with heavy equipment to the maximum extent possible. Following surface scraping activities, four 5-point composite confirmation soil samples, CS01 through CS04, were collected within the scraped area. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. On March 5, 2025, Ensolum returned to the Site to collect lateral delineation soil samples. Three delineation samples SS01 through SS03 were collected at a depth of 0.5 feet bgs to assess the lateral extent of the release. All soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. The surface scrape extent and soil sample locations are depicted on Figure 2. Photographic documentation is included in Appendix B.

All soil samples collected were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States

XTO Energy, Inc Closure Request PLU 28 BS West Battery



Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS01 through SS03 indicated all COCs were in compliance with the strictest Table I Closure Criteria, successfully defining the lateral extent of the release. Laboratory analytical results for confirmation soil samples CS01 through CS04 indicated all confirmation soil samples were in compliance with the Site Closure Criteria, confirming the absence of impacts to soil following the fire. Confirmation soil sample CS02 indicated a TPH concentration of 103 mg/kg, which exceeds reclamation requirement but is laterally defined by CS01, CS03, SS02, and SS03. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included in Appendix C.

CLOSURE REQUEST

Site assessment and surface scraping activities were conducted at the Site to address the December 2024 flare fire resulting in the overspray of 0.09 bbls of crude oil at the Site. Laboratory analytical results for all confirmation soil samples indicated all COC concentrations were compliant with the Site Closure Criteria. Based on laboratory analytical results, no further remediation was required. Excavation of soil has mitigated impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs and no sensitive receptors were identified near the release extent. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2435358022.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely, Ensolum, LLC

Sherele Brooks Staff Scientist Daniel R. Moir, PG (licensed in WY & TX) Senior Managing Geologist

cc: Kaylan Dirkx, XTO Colton Brown, XTO

Bureau of Land Management

Appendices:

Figure 1 Site Receptor Map

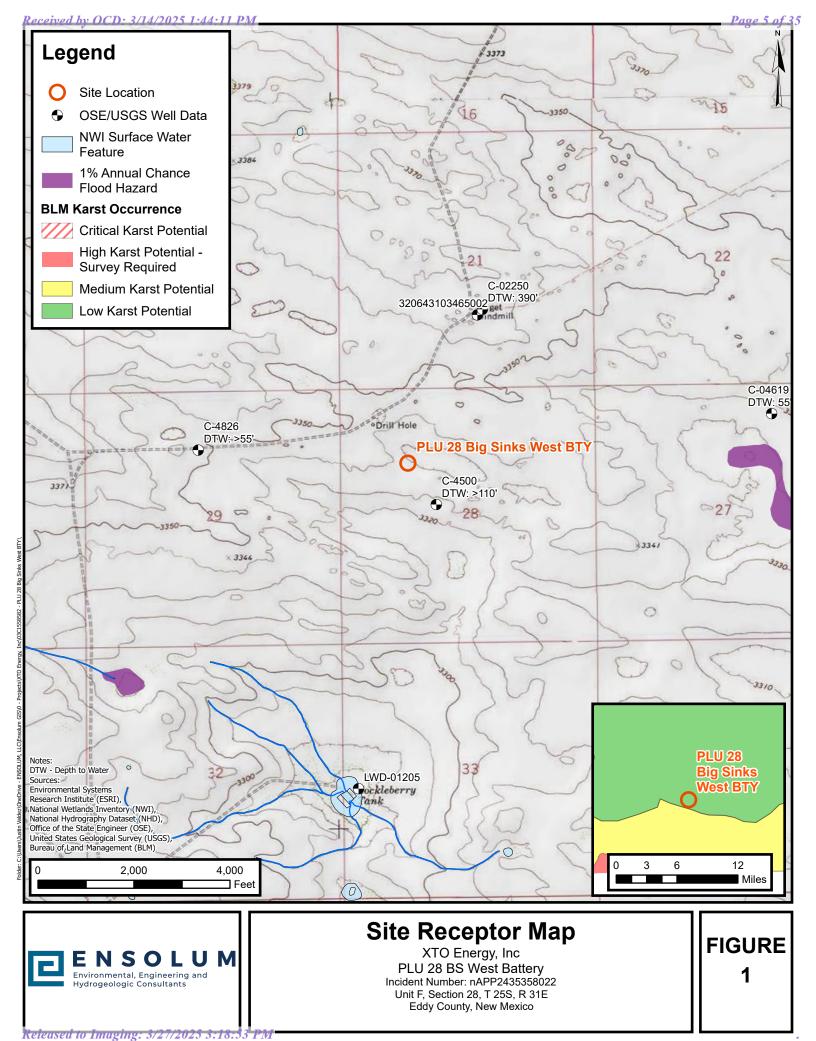
Figure 2 Confirmation Soil Sample Locations
Table 1 Soil Sample Analytical Results
Appendix A Referenced Well Records

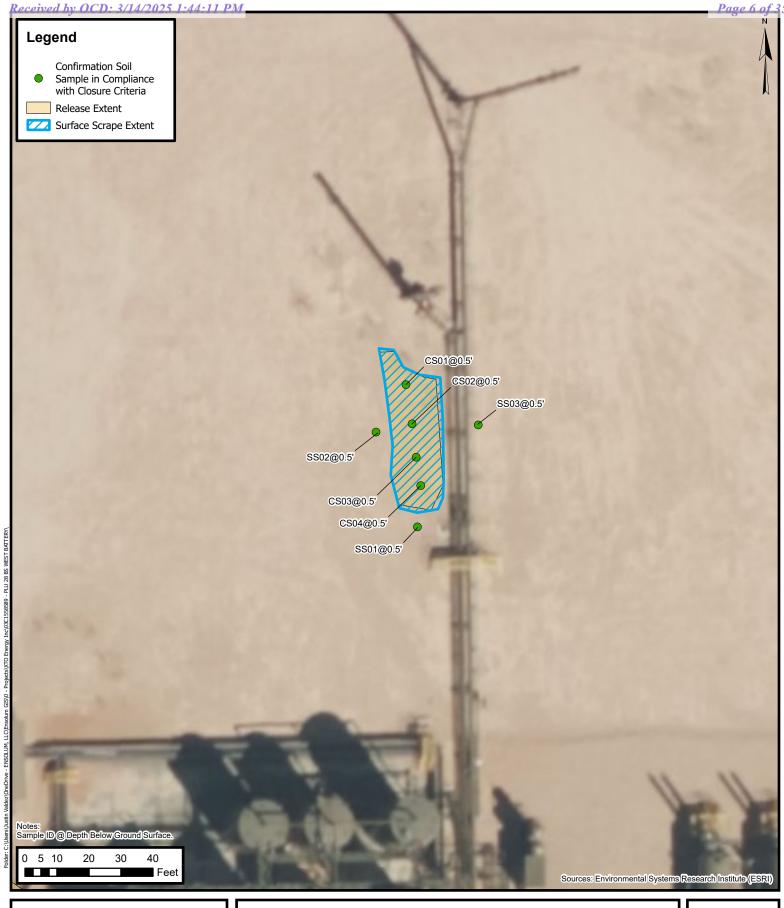
Appendix B Photographic Log

Appendix C Laboratory Analytical Reports & Chain-of-Custody Documentation



FIGURES







Confirmation Soil Sample Locations

XTO Energy Inc.
PLU 28 BS WEST BATTERY
Incident Number: nAPP2435358022
Unit F, Section 28, T 25S, R 31E
Eddy County, New Mexico

FIGURE 2



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS PLU 28 Big Sinks West Battery XTO Energy, Inc **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)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Asse	ssment Soil Sa	mples				
SS01	03/05/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SS02	03/05/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SS03	03/05/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
				Confi	rmation Soil Sa	ımples				
CS01	02/06/2025	0.5	<0.050	<0.300	<10.0	22.2	<10.0	22.2	22.2	64.0
CS02	02/06/2025	0.5	<0.050	<0.300	<10.0	85.0	17.5	85.0	103	48.0
CS03	02/06/2025	0.5	<0.050	<0.300	<10.0	47.4	<10.0	47.4	47.4	80.0
CS04	02/06/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation

requirement where applicable.

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities

1 of 1 Ensolum



APPENDIX A

Referenced Well Records



ION	OSE POD NO POD1 (B)	I	VELL TAG ID NO. /a		OSE FILE NO(C-4500	S).			
OCAT	WELL OWN	٠,					PHONE (OPTI	ONAL)			
WELL I	WELL OWN 6401 Holid						CITY Midland		STATE TX	79707	ZIP
GENERAL AND WELL LOCATION	WELL	N LA	DE	GREES 32	MINUTES SE	CONDS 6.96 N	ACCURACY	REQUIRED: ONE TENT	TH OF A SEC	OND	
NER	(FROM GI	rs) Loi	NGITUDE	103	47	6.75 W	DATUM REG	QUIRED: WGS 84			<u></u>
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	LICENSE NO		NAME OF LICENSED		ckie D. Atkins			NAME OF WELL DRI Atkins Eng			nc.
i	DRILLING S 03/24/		DRILLING ENDED 03/24/2021		PLETED WELL (FT) y well material		LE DEPTH (FT)	DEPTH WATER FIRS	ST ENCOUNT n/a	TERED (FT)	
_	COMPLETE	D WELL IS:	ARTESIAN	DRY HOLE	SHALLOW (U	NCONFINED)		STATIC WATER LEV	EL IN COMP	LETED WE	LL (FT)
IION	DRILLING F	LUID:		MUD	ADDITIVES -	SPECIFY:					
RMA'	DRILLING M	ŒTHOD:	ROTARY	HAMMER	CABLE TOOL	₹ OTHE	ER - SPECIFY:	Hollo	w Stem A	uger	
NFO	DEPTH	(feet bgl)	BORE HOLE	CASING M.	ATERIAL AND/OR	T _		CASING	CASING		
2. DRILLING & CASING INFORMATION	FROM	то	DIAM (inches)	(include eac	GRADE ch casing string, and ctions of screen)	CON	ASING NECTION TYPE	INSIDE DIAM. (inches)	THICK (incl	NESS	SLOT SIZE (inches)
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	DEPTH	(feet bgl)	BORE HOLE	LIST	ANNULAR SEAL	MATERIAL A	AND	AMOUNT		METHO	
ANNULAR MATERIAL	FROM	то	DIAM. (inches)	GRAVI	EL PACK SIZE-RAI	IGE BY INTI	ERVAL	(cubic feet)		PLACEM	IENT
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NNV											
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	OSE INTER	NAL USE	45 m		POD NO			WELL RECORD	LOG (Ver	rsion 06/30	0/17)
		-ر <i>ن</i> العم	4500	3.31E.2	POD NO.		WELL TAG I	4 05.1	<u>ノノフ</u> ー	PAGE	1 OF 2
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	DEPTH (1	eet bgl) TO	THICKNESS (feet)	INCLUDE WATE	D TYPE OF MATERIAL E R-BEARING CAVITIES O plemental sheets to fully d	R FRAC	TURE ZONES	BI	WATE EARIN 'ES / N	īG?	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	1	1	Calie	che, no odor, no stain, tan, li	ght-brow	n	,	Y .	√ N	
	1	3	2	Sand, no odor, no sta	in, m-f, well sorted, brown,	trace silt,	low consolidati	on '	Y ·	√N	
	3	7	4	Sandy clay, no odor, n	o stain, m-f, brown, well so	rted, low	plasticity, cohes	ive	Y ·	√N	
	7	23	16	Caliche,tan, light bro	wn sand, m-f grained, poorl	y sorted,	low consolidation	on '	Y	√ N	
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SIGNATURE	CORRECT I	RECORD O	F THE ABOVE I	DESCRIBED HOLE AN	EST OF HIS OR HER KNO D THAT HE OR SHE WIL PLETION OF WELL DRIL	L FILE					
6. SIGN	Jack K	1 tkins		Jac	ckie D. Atkins	_		0	5/05/2	2021	
		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE	NAME				D	ATE	
EOI	O OGE INITED	MAT TICE					WD 20 WAS	DECOR) & I /)G (V	sion 06/20/2017
	R OSE INTER E NO.	7 USE	500		POD NO.		TRN NO.	LC		36 (Ver	sion 06/30/2017)
LO	CATION				· · · · · · · · · · · · · · · · · · ·	WELL	TAG ID NO.		<u>ب -</u>	/	PAGE 2 OF 2
											1



APPENDIX B

Photographic Log



Photographic Log

XTO Energy, Inc PLU 28 BS West Battery nAPP2435358022





Photograph: 1 Date: 12/18/2024

Description: Initial assessment activities

View: North

Photograph: 2 Date: 02/06/2025

Description: Surface scrape activities

View: Southeast





Photograph: 3 Date: 02/06/2025

Description: Surface scrape activities

View: Northwest

Photograph: 4 Date: 02/06/2025

Description: Surface scrape activities

View: South



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



March 11, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 28 BS WEST BATTERY (589)

Enclosed are the results of analyses for samples received by the laboratory on 03/06/25 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: PLU 28 BS WEST BATTERY (589) Sampling Condition: Cool & Intact
Project Number: 03C1558589 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.104983-103.786870

mg/kg

Sample ID: SS 01 0.5' (H251331-03)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.83	91.5	2.00	7.43	
Toluene*	<0.050	0.050	03/07/2025	ND	1.95	97.3	2.00	6.39	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	1.93	96.3	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.64	94.0	6.00	5.51	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/10/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	200	99.8	200	0.469	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	189	94.4	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025 Reported: 03/11/2025 Sampling Type: Soil

Project Name: PLU 28 BS WEST BATTERY (589) Sampling Condition: Cool & Intact
Project Number: 03C1558589 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: XTO 32.104983-103.786870

Sample ID: SS 02 0.5' (H251331-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.83	91.5	2.00	7.43	
Toluene*	<0.050	0.050	03/07/2025	ND	1.95	97.3	2.00	6.39	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	1.93	96.3	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.64	94.0	6.00	5.51	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/10/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	200	99.8	200	0.469	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	189	94.4	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	117 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	118	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/06/2025 Sampling Date: 03/05/2025

Reported: 03/11/2025 Sampling Type: Soil

Project Name: PLU 28 BS WEST BATTERY (589) Sampling Condition: Cool & Intact
Project Number: 03C1558589 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.104983-103.786870

mg/kg

Sample ID: SS 03 0.5' (H251331-02)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.83	91.5	2.00	7.43	
Toluene*	<0.050	0.050	03/07/2025	ND	1.95	97.3	2.00	6.39	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	1.93	96.3	2.00	5.08	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	5.64	94.0	6.00	5.51	
Total BTEX	<0.300	0.300	03/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/10/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2025	ND	200	99.8	200	0.469	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	189	94.4	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					
Surrogate: 1-Chlorooctane	117	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	123	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



-	(575) 393-2326 FA	FAX (575) 393-2476		١	1	1	1	1				1		3					A	ANALYSIS	SS	괴	뗑	딞	REQUEST								
ompany Name: Ensolum, LLC	nsolum, LLC							_					IF	BILL 10	_	4	4	\dashv	7	\dashv	4	- 1	\dashv		\neg								
roject Manager: Tracy Hillard	Tracy Hillard								P.O. #:	#	1		3	Tanana In	,	_				_													
ddress: 601 N M	ddress: 601 N Marienfeld Street, Suite 400								Co	mp	Company:		2 =	XIO Energy, IIIC	-												T.						
ity: Midland		te: TX	Zip: 79701	970	_				Att		00	N IO	5 0	Attn: Colton Brown	2		_																
hone #: 575-937-3906	7-3906	Fax #:							Ad	dre	SS	0	0	Address: 3104 E Gleene of	, c	_		100	_	_													
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	!	w Bts							Sta	State:	Z	S	Zip:	p : 88220						_													
Project Name.	32.104983		80	7					Ph	Phone #:	#							_	_	_													
Project Location.	7			1					Fa	Fax #:			١					_					_										
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FOR LAB USE ONLY			MP.	В														00															
Lab I.D.	Sample I.D.	Depth (feet))RAB OR (C)ON CONTAINERS		ROUNDWATER	OIL	IL	LUDGE	THER:	CID/BASE:	CE / COOL	THER:		DATE	TIME	TPH 8015	BTEX 8021	Chloride 450															
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FURW-00	0 K 3.2 10/0/1/21	† Cardinal	ann	ot a	ССВ	P	erb	al c	han	ges	,, P	lea	se	Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallatsnm.com	ges to ce	eley.	keene@	cardina	Mabs	hm:c	om m												



February 13, 2025

TRACY HILLARD
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU 28 BS WEST BATTERY (589)

Enclosed are the results of analyses for samples received by the laboratory on 02/07/25 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/07/2025 Sampling Date: 02/06/2025

Reported: 02/13/2025 Sampling Type: Soil

Project Name: PLU 28 BS WEST BATTERY (589) Sampling Condition: Cool & Intact
Project Number: 03C1558589 Sample Received By: Alyssa Parras

Project Location: XTO 32.104983-103.786870

Sample ID: CS 01 0.5' (H250777-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.10	105	2.00	5.48	
Toluene*	<0.050	0.050	02/10/2025	ND	2.24	112	2.00	10.6	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.31	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	7.09	118	6.00	12.7	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/11/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	191	95.6	200	0.219	
DRO >C10-C28*	22.2	10.0	02/10/2025	ND	187	93.7	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/07/2025 Sampling Date: 02/06/2025

Reported: 02/13/2025 Sampling Type: Soil

Project Name: PLU 28 BS WEST BATTERY (589) Sampling Condition: Cool & Intact Project Number: 03C1558589 Sample Received By: Alyssa Parras

Project Location: XTO 32.104983-103.786870

Sample ID: CS 02 0.5' (H250777-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.10	105	2.00	5.48	
Toluene*	<0.050	0.050	02/10/2025	ND	2.24	112	2.00	10.6	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.31	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	7.09	118	6.00	12.7	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/11/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	191	95.6	200	0.219	
DRO >C10-C28*	85.0	10.0	02/10/2025	ND	187	93.7	200	0.329	
EXT DRO >C28-C36	17.5	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/07/2025 Sampling Date: 02/06/2025

Reported: 02/13/2025 Sampling Type: Soil

Project Name: PLU 28 BS WEST BATTERY (589) Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C1558589 Alyssa Parras

Project Location: XTO 32.104983-103.786870

Sample ID: CS 03 0.5' (H250777-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.10	105	2.00	5.48	
Toluene*	<0.050	0.050	02/10/2025	ND	2.24	112	2.00	10.6	
Ethylbenzene*	< 0.050	0.050	02/10/2025	ND	2.31	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	7.09	118	6.00	12.7	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/11/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	191	95.6	200	0.219	
DRO >C10-C28*	47.4	10.0	02/10/2025	ND	187	93.7	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ENSOLUM TRACY HILLARD 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/07/2025 Sampling Date: 02/06/2025

Reported: 02/13/2025 Sampling Type: Soil

Project Name: PLU 28 BS WEST BATTERY (589) Sampling Condition: Cool & Intact
Project Number: 03C1558589 Sample Received By: Alyssa Parras

Project Location: XTO 32.104983-103.786870

Sample ID: CS 04 0.5' (H250777-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2025	ND	2.10	105	2.00	5.48	
Toluene*	<0.050	0.050	02/10/2025	ND	2.24	112	2.00	10.6	
Ethylbenzene*	<0.050	0.050	02/10/2025	ND	2.31	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	02/10/2025	ND	7.09	118	6.00	12.7	
Total BTEX	<0.300	0.300	02/10/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/11/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	191	95.6	200	0.219	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	187	93.7	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

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Celey D. Kreine



Notes and Definitions

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(010) 030-2020 1	70x (010) 000 = 110	מד ו וומ		ANALYSIS REQUEST
Company Name: Ensolum, LLC		DILL IO		
Project Manager: Tracy Hillard		7.0. #.	1	
Address: 601 N Marienfeld Street, Suite 400	uite 400	Company: XTO Energy, Inc	, Inc	
City: Midland	State: TX Zip: 79701	Attn: Colton Brown		
Phone #: 575-937-3906	Fax #:	Address: 3104 E Greene St	ne St	
Project #: (73C 155 8589	Project Owner: XTO Energy	City: Carlsbad		
me: PL	W 13th (589)	State: NM Zip: 88220	0	
010	4	Phone #:		
		Fax #:		
	MATRIX	IX PRESERV. SAMPLING	LING	
Lab I.D. Sample I.D.	(feet) (f	LUDGE THER: CID/BASE: CE/COOL THER:	TPH 8015 BTEX 8021 Chloride 4500	
1987	- ·		1325 4 4	
2 6862	1 2 5.	V 2/6/25	1333 ~ ~ ~	
2003	17 5.	V 7618	1338 V V V	
h057 h		2625	1347 ~~ ~	
PLEASE NOTE: Liability and Damages, Cardinal's liability an analyses. All claims including those for negligence and any of service. In no event shall Cardinal be liable for incidental or of the control	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable in the cause of the	contract or tort, shall be limited to the amount pake witing and received by Cardinal within 30 days after ruptions, loss of use, or loss of profits incurred by o	d by the client for the recompletion of the applicable litert, its substitutes, substitutes of the client, its substitutes of the client is substituted in the client for the clien	
affiliates or successors arising out of or related to the performance Relinquished By:	Date: No. 12 Services hereunder by Cardinal, regardless of whether such dig	All Results Beelill@el	ılt: ☐ Ye ıre emailed. solum.com,	s ☐ No Add'I Phone #: . Please provide Email address: TMorrissey@ensolum.com, THillard@ensolum.com
Relinquished By:	TAS R	3		
Delivered By: (Circle One)	· ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	Sample Condition CHECKED BY: Cool Intact (Initials)	-	Standard M Bacteria (only) Sample Conductor Rush Cool Infact Observed Temp. °C I Yes Yes
Sampler - UPS - Bus - Other:	ζ,	Yes Yes	Correction Factor -0.5°C + 0.32	No.

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 442670

QUESTIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	442670
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2435358022
Incident Name	NAPP2435358022 PLU 28 BS WEST BATTERY @ 0
Incident Type	Fire
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2126356070] PLU 28 BIG SINKS WEST BTY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PLU 28 BS WEST BATTERY
Date Release Discovered	12/16/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Normal Operations Other (Specify) Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	Flare

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QUESTIONS, Page 2

Action 442670

QUESTI	ONS (continued)
Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
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 s	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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 03/14/2025

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QUESTIONS, Page 3

Action 442670

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	442670
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (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 ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the	ne 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 a	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 milli	grams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	160	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	103	
GRO+DRO (EPA SW-846 Method 8015M)	85	
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	02/06/2025	
On what date will (or did) the final sampling or liner inspection occur	03/05/2025	
On what date will (or was) the remediation complete(d)	03/05/2025	
What is the estimated surface area (in square feet) that will be reclaimed	722	
What is the estimated volume (in cubic yards) that will be reclaimed	10	
What is the estimated surface area (in square feet) that will be remediated	722	
What is the estimated volume (in cubic yards) that will be remediated	10	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS, Page 4

Action 442670

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	442670
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
e 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.)	
Yes	
HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
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.

Name: Colton Brown
Title: Environmental Advisor
Email: colton.s.brown@exxonmobil.com
Date: 03/14/2025

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

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QUESTIONS, Page 5

Action 442670

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	442670
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 442670

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	442670
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	426394
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/07/2025
What was the (estimated) number of samples that were to be gathered	15
What was the sampling surface area in square feet	3000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	722
What was the total volume (cubic yards) remediated	5
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	522
What was the total volume (in cubic yards) reclaimed	3
Summarize any additional remediation activities not included by answers (above)	Site assessment and surface scraping activities were conducted at the Site to address the December 2024 flare fire resulting in the release of crude oil at the Site. Laboratory analytical results for all confir-mation soil samples, collected from the release extent, indicated all COC concentrations were compli-ant with the Site Closure Criteria. Based on laboratory analytical results, no further remediation was required. Excavation of soil has mitigated impacts at this Site. Depth to groundwater has been estimat-ed to be greater than 100 feet bgs and no sensitive receptors were identified near the release extent. XTO believes these remedial actions are protective of human health, the environment, and groundwa-ter. As such, XTO respectfully requests closure for Incident Number nAPP2435358022.

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

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

	Name: Colton Brown
I hereby agree and sign off to the above statement	Title: Environmental Advisor
Thereby agree and sign on to the above statement	Email: colton.s.brown@exxonmobil.com
	Date: 03/14/2025

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QUESTIONS, Page 7

Action 442670

QUESTIONS (continued)

Operator:	OGRID:
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6401 Holiday Hill Road	Action Number:
Midland, TX 79707	442670
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 442670

CONDITIONS

Operator:	OGRID:
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6401 Holiday Hill Road	Action Number:
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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By		Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	3/27/2025