March 11, 2025

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

Re: Closure Request PLU Big Sinks 02-25-30 State Battery Incident Number nAPP2419252577 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, excavation, and soil sampling activities at the PLU Big Sinks 02-25-30 State Battery (Site). The purpose of the assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of crude oil and produced water from a pipeline, associated with the Big Sinks 2-25-30 Tank Battery (Facility ID fAPP2123047011), and in a right-of-way (ROW) south of the facility pad. Based on field observations, field screening activities, and soil sample laboratory analytical results, XTO is submitting this *Closure Request*, describing Site assessment, excavation, and delineation activities that have occurred and requesting no further action for Incident Number nAPP2419252577.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site was reported to be located in Unit O, Section 2, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.15394°, -103.84901°) on a tank battery facility associated with oil and gas exploration and production operations on State Trust Land managed by the State Land Office (NMSLO); however, after a review of internal documents, including photos, the release was found to be located south of the facility in the pipeline ROW in Unit B, Section 11, Township 25 South, Range 31 East, in Eddy County, New Mexico (32.151982°, -103.849375°) on land associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On July 8, 2024, corrosion of a surface flow line resulted in the release of approximately 4 barrels (bbls) of crude oil and 9 bbls of produced water into a pipeline ROW and the surrounding pasture. No fluids were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) and an Initial C-141 Application (C-141) on July 10, 2024. The release was assigned Incident Number nAPP2419252577.

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. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 320856103502801, located approximately 0.49 miles southeast of the Site. The groundwater well's most recently reported depth to groundwater measurement was collected on January 28. 1998, at 390 feet bgs. The total depth of the well is 482 feet bgs. The Well Record and Log is included in Appendix A. All wells used to evaluate depth to groundwater are presented on Figure 1.

The closest continuously flowing or significant watercourse to the Site is a wetland, located approximately 600 feet northeast 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).

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): 100 mg/kg
- Chloride: 600 mg/kg

Since the release occurred off pad, XTO submitted a Form 3160-5 (Sundry Form) to the BLM to request access to the pasture on October 1, 2024. XTO received an approved sundry, granting access to complete remediation, on October 2, 2024. The approved sundry is presented in Appendix B.

SITE ASSESSMENT ACTIVITIES

On August 30, 2024, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the C-141, internal documents and visual observations. Five delineation soil samples (SS01 through SS04) were collected within and around the release extent from a depth of approximately 0.5 feet bgs to assess the extent of the release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Appendix C.

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

Laboratory analytical results for delineation soil samples SS02 through SS05 indicated all COC concentrations were compliant with the Closure Criteria, successfully defining the lateral extent of the

release. Laboratory analytical results for delineation soil sample SS01, collected from within the release extent, indicated TPH and chloride concentrations exceeded the Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix D.

On October 22, 2024, following approval of the land access sundry from BLM, Ensolum personnel returned to the Site to remove the gross impacts in the top 4 feet of the pasture to prevent further contamination. No samples were collected during this Site visit. Photographic documentation is included in Appendix C.

EXCAVATION SOIL SAMPLING ACTIVITIES

Between December 16, 2024, and January 24, 2025, Ensolum personnel were at the Site to oversee excavation activities. Impacted soil was excavated from the release area as indicated by visible staining, field screening activities, and laboratory analytical results for the delineation soil samples. Excavation activities were performed using a hammer hoe, backhoe and transport vehicle. To direct excavation activities, Ensolum personnel screened soil for VOCs and chloride. Following removal of impacted soil to the maximum extent practicable (MEP), Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the sidewalls and floor of the excavation. 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. Confirmation soil samples FS01 through FS06 were collected from the floor of the excavation at depths ranging from 4 feet to 8 feet bgs. Confirmation sidewall soil samples SW01 and SW03 were collected from the sidewalls of the excavation at depths ranging from ground surface to 4 feet bgs. Confirmation sidewall soil samples SW04 through SW06 were collected form the sidewalls of the excavation at depths ranging from 4 feet bgs to 8 feet bgs. The confirmation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and confirmation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 1,009 square feet. A total of approximately 270 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the OWL Landfill in Jal, New Mexico (Appendix E). The final excavation was backfilled with material purchased locally and recontoured to match pre-existing Site conditions. One representative 5-point composite sample (BF01) was collected from the topsoil backfill material. The backfill soil sample was collected and handled as described above and submitted to Cardinal for the same COCs listed above.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the final confirmation soil samples indicated all COC concentrations were compliant with the Closure Criteria and confirmed the lateral and vertical extent of the release. Laboratory analytical results for backfill soil sample BF01 indicated COC concentrations were in compliance with reclamation requirements. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix D.

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RECLAMATION PLAN

The Site will be seeded with BLM seed mix #2 for sandy sites at the rate specified in pounds of pure live seed (PLS) per acre during the next BLM recommended planting season.

Species/Cultivar	PLS/Acre
Sand lovegrass (Eragrostis trichodes)	1.0
Sands dropseed (Sporobolus cryptandrus)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

The seed mix will be applied via drill seeding or broadcast seeding. If broadcast seeding is selected, the PLS/acre will be doubled, and the seed will be raked in by chaining or dragging the Site. Reclamation activities will be documented with photographs and included in a *Re-Vegetation Report*.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the July 8, 2024, release of crude oil and produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria. All impacted soil was removed from the release area. Based on the soil sample analytical results, no further remediation was required. XTO backfilled the excavation with material purchased locally and recontoured the Site to match pre-existing site conditions. The release will be reseeded with a BLM approved seed mix during the next BLM recommended planting season and a revegetation report will be completed.

Excavation of impacted soil has mitigated potential impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2419252577.

A *Re-vegetation Report* will be submitted to the NMOCD once vegetation growth in the reclaimed pasture area has uniform vegetative cover that reflects a life-form ratio of plus or minus 50 percent (%) of pre-disturbance levels and a total percent plant cover of at least 70% of pre-disturbance levels, excluding noxious weeds, per NMAC 19.15.29.13 D.(3).

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

Sincerely, Ensolum, LLC

Tran Hitland

Tracy Hillard Project Engineer

Mouissey

Tacoma Morrissey Associate Principal

cc: Colton Brown, XTO Kaylan Dirkx, XTO Bureau of Land Management

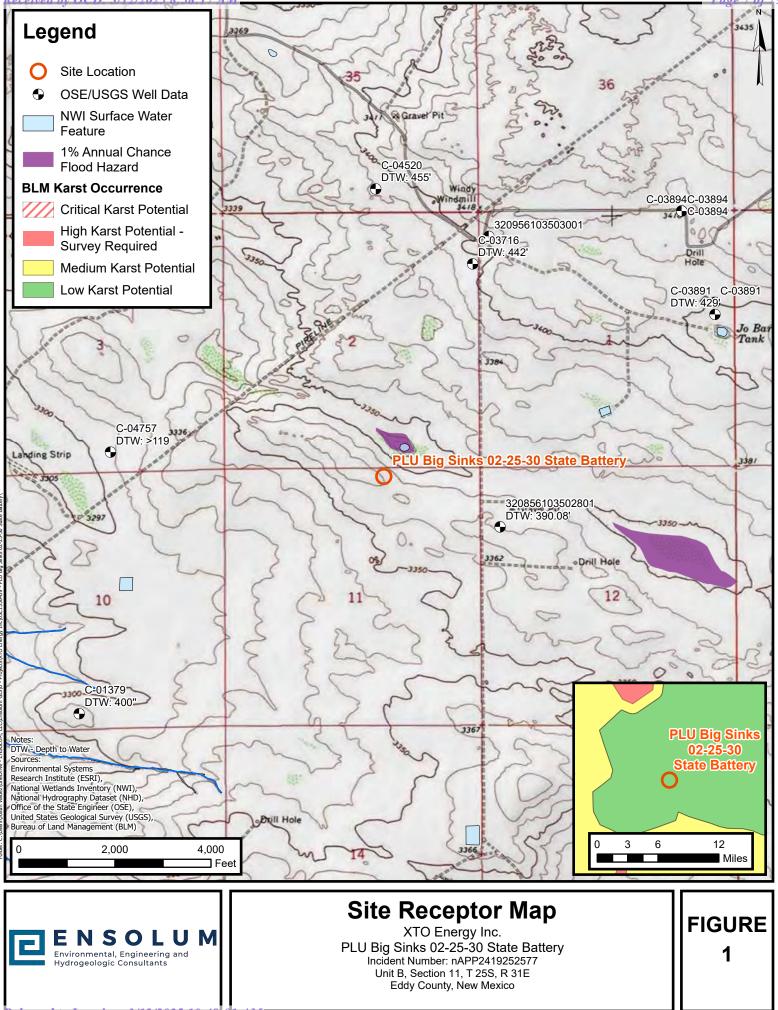
Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Figure 3 Excavation Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Land Access Reference
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix E Disposal Manifests
- Appendix F NMOCD Correspondence

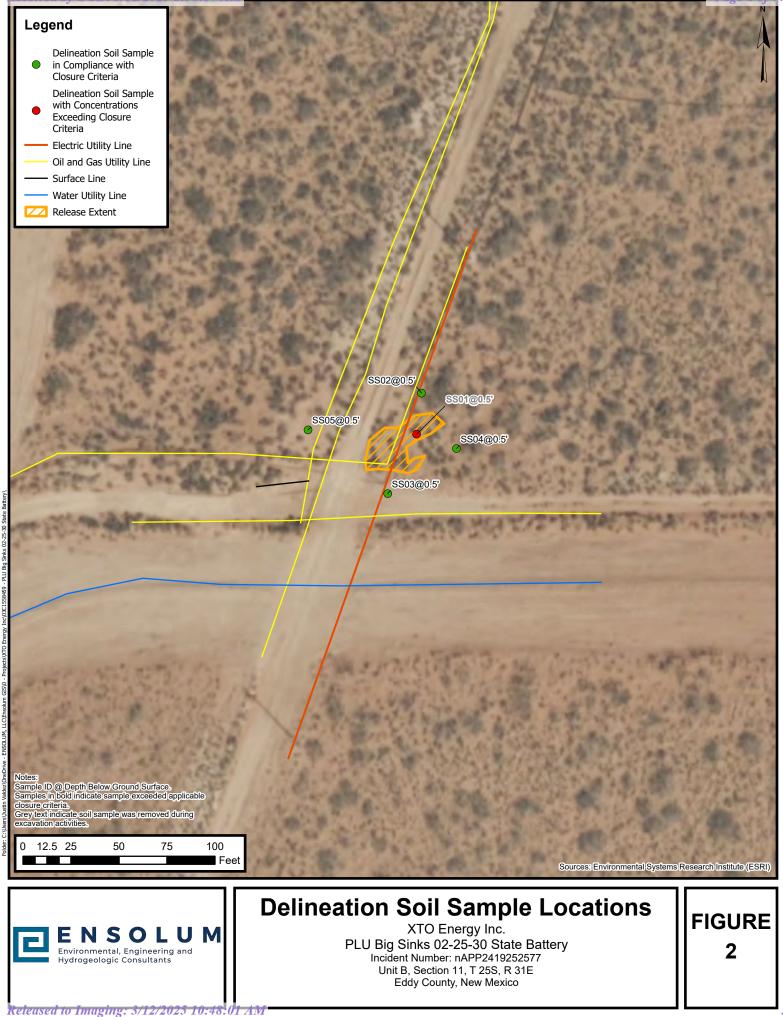


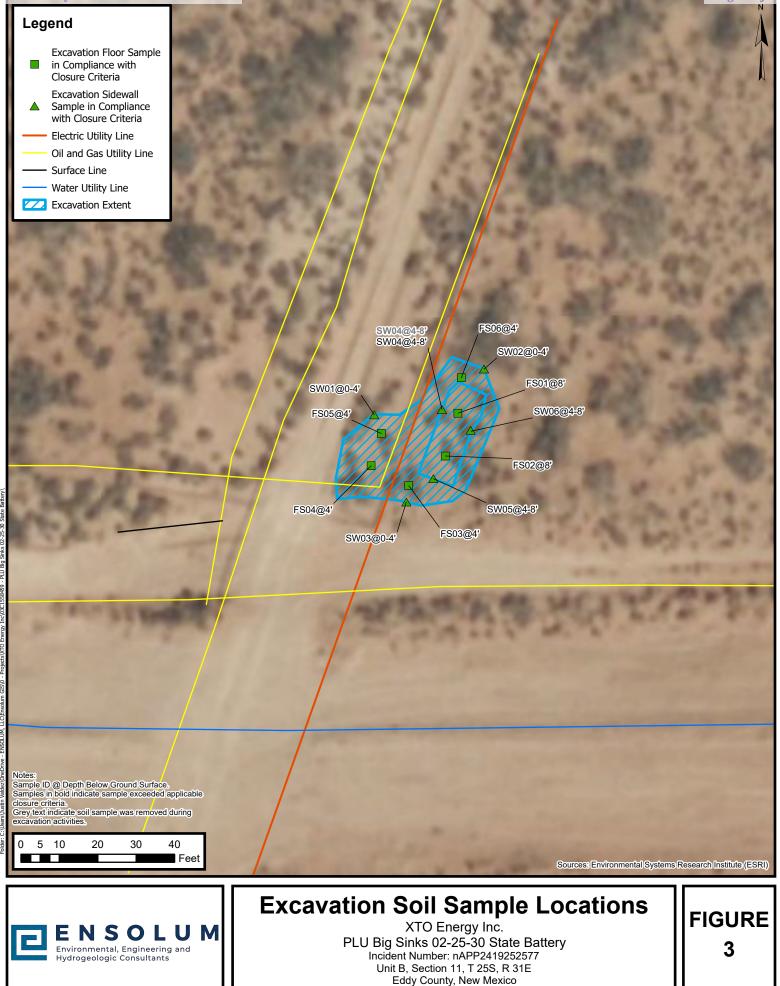
FIGURES

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TABLES

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E N S O L U M

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS PLU Big Sinks 02-25-30 State 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	Closure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Deli	neation Soil Sa	mples	1			
SS01	08/30/2024	0.5	<0.050	9.58	230	10,100	1,600	10,330	11,930	3,280
SS02	08/30/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS03	08/30/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS04	08/30/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS05	08/30/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
				Confi	rmation Soil Sa	imples				
FS01	01/13/2025	8	<0.050	<0.300	<10.0	12.7	<10.0	12.7	12.7	48.0
FS02	01/15/2025	8	<0.050	<0.300	<10.0	36.8	<10.0	36.8	36.8	48.0
FS03	01/15/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
FS04	01/15/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
FS05	01/15/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS06	01/15/2025	4	<0.050	<0.300	<10.0	10.2	<10.0	10.2	10.2	256
SW01	01/14/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW02	01/14/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SW03	01/14/2025	0-4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SW04	01/14/2025	4-8	<0.050	<0.300	<10.0	238	29.1	238	267	272
SW04	01/24/2025	4-8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SW05	01/14/2025	4-8	<0.050	<0.300	<10.0	11.1	<10.0	11.1	11.1	224
SW06	01/15/2025	4-8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
				Backfill	Confirmation So	oil Sample				
BF01	02/17/2025	0.5	<0.050	<0.300	<10.0	22.5	<10.0	22.5	22.5	192

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

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APPENDIX A

Referenced Well Records

USGS Home Contact USGS Search USGS



National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Groundwater
 ✔

Click to hideNews Bulletins

- Explore the NEW USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320856103502801

Minimum number of levels = 1 Save file of selected sites to local disk for future upload

USGS 320856103502801 25S.30E.12.113211

Eddy County, New Mexico Latitude 32°08'56", Longitude 103°50'28" NAD27 Land-surface elevation 3,371 feet above NAVD88 The depth of the well is 482 feet below land surface. This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer. **Output formats**

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source (measur(
1959-03-25		D	62610		2978.00	NGVD29	1	Z		
1959-03-25		D	62611		2979.70	NAVD88	1	Z		
1959-03-25		D	72019	391.30			1	Z		
1983-01-31		D	62610		2979.00	NGVD29	1	Z		
1983-01-31		D	62611		2980.70	NAVD88	1	Z		
1983-01-31		D	72019	390.30			1	Z		
1987-10-20		D	62610		2978.89	NGVD29	1	Z		
1987-10-20		D	62611		2980.59	NAVD88	1	Z		
1987-10-20		D	72019	390.41			1	Z		
1992-11-06		D	62610		2978.89	NGVD29	1	S		
1992-11-06		D	62611		2980.59	NAVD88	1	S		
1992-11-06		D	72019	390.41			1	S		
1998-01-28		D	62610		2979.22	NGVD29	1	S		
1998-01-28		D	62611		2980.92	NAVD88	1	S		
1998-01-28		D	72019	390.08			1	S		

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Explanation						
Section	Code	Description				
Water-level date-time accuracy	D	Date is accurate to the Day				
Parameter code	62610	Groundwater level above NGVD 1929, feet				
Parameter code	62611	Groundwater level above NAVD 1988, feet				
Parameter code	72019	Depth to water level, feet below land surface				
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988				
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929				
Status	1	Static				
Method of measurement	S	Steel-tape measurement.				
Method of measurement	Z	Other.				
Measuring agency		Not determined				
Source of measurement		Not determined				
Water-level approval status	А	Approved for publication Processing and review completed.				

<u>Questions or Comments</u> <u>Automated retrievals</u> <u>Help</u>

Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2024-04-23 12:17:11 EDT 0.44 0.34 nadww02 USA.gov



APPENDIX B

Land Access Reference

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Report 10/02/2024
Well Name: POKER LAKE UNIT	Well Location: T25S / R30E / SEC 11 / NENW / 32.1509886 / -103.85555973	County or Parish/State: EDDY / NM
Well Number: 347H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC061616A	Unit or CA Name: CNSOL DLWR PA BDEFHI	Unit or CA Number: NMNM71016AN
US Well Number: 3001538668	Operator: XTO PERMIAN OPERATING LLC	

Notice of Intent

Sundry ID: 2814810

Type of Submission: Notice of Intent

Date Sundry Submitted: 10/01/2024

Date proposed operation will begin: 10/28/2024

Type of Action: Surface Disturbance Time Sundry Submitted: 04:13

Procedure Description: XTO Permian Operating LLC (XTO) respectfully requests access off pad in order to complete remediation activities related to NMOCD Incident Number NAPP2419252577 which involves the PLU Big Sinks 02-25-30 State Battery flowline release that occurred on July 8, 2024. Excavation of impacted soil is needed in pasture and right-of-way (ROW) areas where the release occurred (32.151979, -103.849381). The nearest XTO well on BLM land is Poker Lake Unit #347H located approximately 0.37 miles east-northeast of the release. Heavy equipment (backhoe, trackhoe, front loader, hydro-vacuum truck) will be utilized to complete the excavation. After successful completion of remediation efforts, the disturbed areas will be backfilled and recontoured to match pre-existing conditions and reseeded with the recommended BLM seed mixture.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

PLU_Big_Sinks_02_25_30_State_Battery_Site_Map_20241001161313.pdf

Received by OCD: 3/12/2025 8:58:17-AM Well Name: POKER LAKE UNIT	Well Location: T25S / R30E / SEC 11 / NENW / 32.1509886 / -103.8555973	County or Parish/State: EDD17, of 7 NM
Well Number: 347H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC061616A	Unit or CA Name: CNSOL DLWR PA BDEFHI	Unit or CA Number: NMNM71016AN
US Well Number: 3001538668	Operator: XTO PERMIAN OPERATING LLC	

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signa	ture: AMY RUTH
Name: XTO PERMIAN OPE	RATING LLC
Title: SHE Coordinator	
Street Address: 6401 HOL	DAY HILL ROAD BLDG
City: MIDLAND	State: TX
Phone: (575) 689-3380	
Email address: AMY.RUTH	@EXXONMOBIL.COM

Field

Representative Name: Street Address: City: State: Phone: Email address:

BLM Point of Contact

BLM POC Name: CRISHA A MORGAN BLM POC Phone: 5752345987 Disposition: Approved Signature: CRISHA A. MORGAN BLM POC Title: Environmental Protection Specialist

Signed on: OCT 01, 2024 04:13 PM

BLM POC Email Address: camorgan@blm.gov

Zip:

Disposition Date: 10/02/2024

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Form 3160-5 (June 2019)		UNITED STA PARTMENT OF THI EAU OF LAND MA	E INTERIOR		FORM APPROVED OMB No. 1004-0137 Expires: January 31, 2025 5. Lease Serial No.			
		NOTICES AND RE		/FUIS		6. If Indian, Allottee or Tribe Name		
Do no	Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					0. If indian, Anotice of T		
	SUBMIT IN	TRIPLICATE - Other in	structions on pag	e 2		7. If Unit of CA/Agreem	ent, Name and/or No.	
1. Type of Well						NMNM 071016X		
✓ Oil Well	Gas V	Well Other				8. Well Name and No. Po	oker Lake Unit #347H	
2. Name of Operator X	TO Permian C	Operating LLC				9. API Well No. 30-015-	38668	
2 4 1 1	reene Street		3b. Phone No.	(include area code	;)	10. Field and Pool or Exp		
5104 L G	NM 88220		(432) 661-05		/	Poker Lake	· •	
4. Location of Well (For	otage, Sec., T., I	R.,M., or Survey Descripti	ion)			11. Country or Parish, St	ate	
32.1510, -103.8556;	Unit C, Section	on 11, T25S, R30E				Eddy County, New M	lexico	
	12. CHE	ECK THE APPROPRIATE	E BOX(ES) TO INI	DICATE NATURE	OF NOT	FICE, REPORT OR OTHE	R DATA	
TYPE OF SUBM	IISSION			TY	PE OF AG	CTION		
✓ Notice of Intent		Acidize	Deep	Deepen Prod		oduction (Start/Resume)	Water Shut-Off	
		Alter Casing			Rec	well Integrity		
Subsequent Repo	ort	Casing Repair	New	Construction		complete	✓ Other	
		Change Plans		and Abandon	_	nporarily Abandon		
Final Abandonme		Convert to Inject				ter Disposal		
the proposal is to de the Bond under whi completion of the in	epen directiona ch the work wi wolved operation andonment No	ally or recomplete horizon ill be perfonned or provide ons. If the operation result	tally, give subsurfa the Bond No. on f ts in a multiple com	ice locations and n ile with BLM/BIA ppletion or recomp	easured a . Require letion in	and true vertical depths of a ed subsequent reports must l a new interval, a Form 3160	and approximate duration thereof. If Il pertinent markers and zones. Attach be filed within 30 days following 0-4 must be filed once testing has been operator has detennined that the site	
NAPP24192525 needed in pastur Poker Lake Unit truck) will be utili.	77 which invol e and right-of- #347H located zed to comple	lves the PLU Big Sinks (-way (ROW) areas whe d approximately 0.37 m	02-25-30 State B re the release oc iles east-northeas successful comp	attery flowline re curred is located st of the release. pletion of remedia	ease tha at 32.15 Heavy e tion effo	at occurred on July 8, 202 51979, -103.849381. The equipment (backhoe, trac	ed to NMOCD Incident Number 24. Excavation of impacted soil is nearest XTO well on BLM land is khoe, front loader, hydrovaccuum will be backfilled and recontoured	
14. I hereby certify that t	he foregoing is	s true and correct. Name (Printed/Typed)					
				Title				

Signature	Date					
THE SPACE FOR FEDERAL OR STATE OFICE USE						
Approved by						
	Title		Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.						

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NENW / 540 FNL / 1440 FWL / TWSP: 25S / RANGE: 30E / SECTION: 11 / LAT: 32.1509886 / LONG: -103.8555973 (TVD: 0 feet, MD: 0 feet) BHL: NWNE / 1315 FNL / 2610 FEL / TWSP: 25S / RANGE: 30E / SECTION: 3 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

PLU Big Sinks 02-25-30 State Battery



9/26/2024

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O Sample Location Pipeline Line Utility

Electric Utility Line

Oil and Gas Utility Line Linear Features - Other

> Location Mark Release Extent

Low Resolution 15m Imagery High Resolution 60cm Imagery High Resolution 30cm Imagery Citations 15cm Resolution Metadata

World Imagery

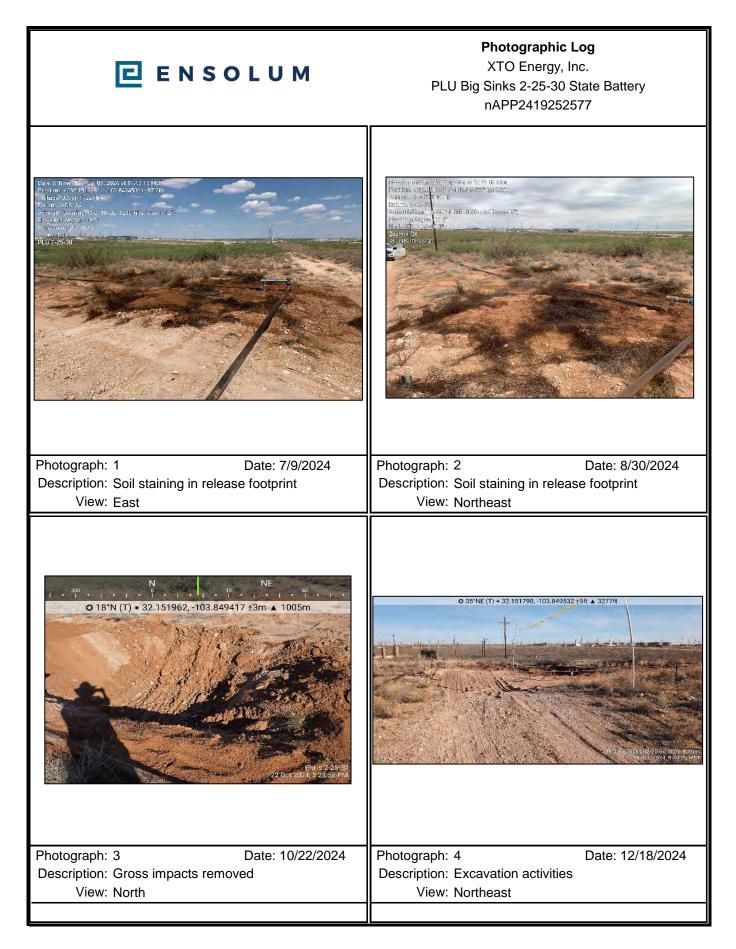
1:5940 0 0.01 0.02 mi
0 0.01 0.02 km

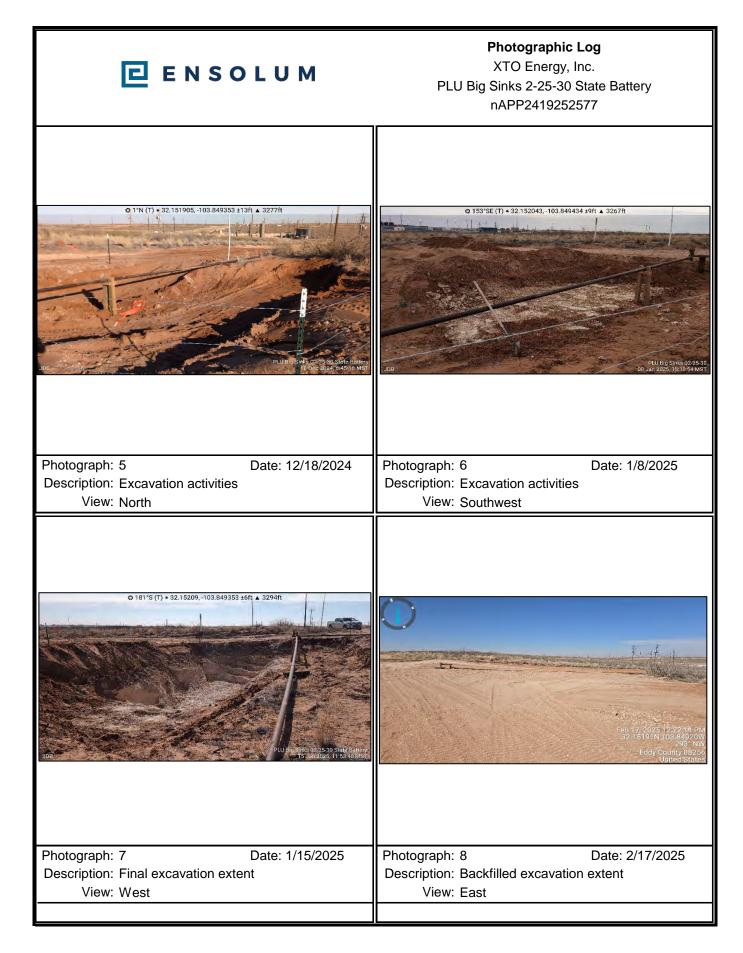
Maxar, Microsoft, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



APPENDIX C

Photographic Log







APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



January 20, 2025

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU BIG SINKS 02-25-30 STATE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/16/25 13:39.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/13/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: FS 01 8' (H250252-01)

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	01/17/2025	ND	1.81	90.6	2.00	0.225	
Toluene*	<0.050	0.050	01/17/2025	ND	2.02	101	2.00	0.877	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	0.0477	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.43	107	6.00	0.355	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	48.0	16.0	01/17/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	196	97.9	200	0.197	
DRO >C10-C28*	12.7	10.0	01/17/2025	ND	174	86.9	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.1	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: FS 02 8' (H250252-02)

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	01/17/2025	ND	1.81	90.6	2.00	0.225		
Toluene*	<0.050	0.050	01/17/2025	ND	2.02	101	2.00	0.877		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	0.0477		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.43	107	6.00	0.355		
Total BTEX	<0.300	0.300	01/17/2025	ND						
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4							
Chloride, SM4500CI-B	mg/	′kg	Analyze	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	416	104	400	7.41		
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	01/17/2025	ND	196	97.9	200	0.197		
DRO >C10-C28*	36.8	10.0	01/17/2025	ND	174	86.9	200	1.56		
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND						
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	75.3	% 49.1-14	8							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: FS 03 4' (H250252-03)

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	01/17/2025	ND	1.81	90.6	2.00	0.225	
Toluene*	<0.050	0.050	01/17/2025	ND	2.02	101	2.00	0.877	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	0.0477	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.43	107	6.00	0.355	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/17/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	196	97.9	200	0.197	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	86.9	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: FS 04 4' (H250252-04)

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	01/17/2025	ND	2.16	108	2.00	1.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.19	110	2.00	0.195	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.36	118	2.00	0.501	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.22	120	6.00	1.36	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/17/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	nalyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: FS 05 4' (H250252-05)

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	01/17/2025	ND	2.16	108	2.00	1.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.19	110	2.00	0.195	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.36	118	2.00	0.501	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.22	120	6.00	1.36	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/17/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	yzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: FS 06 4' (H250252-06)

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	01/17/2025	ND	2.16	108	2.00	1.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.19	110	2.00	0.195	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.36	118	2.00	0.501	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.22	120	6.00	1.36	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	alyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/17/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	alyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	10.2	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/14/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: SW 01 0-4' (H250252-07)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	1.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.19	110	2.00	0.195	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.36	118	2.00	0.501	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.22	120	6.00	1.36	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/17/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/14/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: SW 02 0-4' (H250252-08)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	1.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.19	110	2.00	0.195	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.36	118	2.00	0.501	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.22	120	6.00	1.36	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/17/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/14/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: SW 03 0-4' (H250252-09)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	1.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.19	110	2.00	0.195	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.36	118	2.00	0.501	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.22	120	6.00	1.36	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/17/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/14/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: SW 04 4-8' (H250252-10)

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	01/17/2025	ND	2.16	108	2.00	1.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.19	110	2.00	0.195	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.36	118	2.00	0.501	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.22	120	6.00	1.36	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/17/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	238	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	29.1	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/14/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: SW 05 4-8' (H250252-11)

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	01/17/2025	ND	2.16	108	2.00	1.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.19	110	2.00	0.195	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.36	118	2.00	0.501	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.22	120	6.00	1.36	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/17/2025	ND	432	108	400	0.00	
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	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	11.1	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.4	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.151949,-103.849368		

Sample ID: SW 06 4-8' (H250252-12)

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	01/17/2025	ND	2.16	108	2.00	1.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.19	110	2.00	0.195	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.36	118	2.00	0.501	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.22	120	6.00	1.36	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384 16.0		01/17/2025	ND	432	108	400	0.00	
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	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	85.9 % 48.2-13		4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC City: Carlsbad Project Manager: Project #: 63(1558 454 Phone #: 575 Address: 3122 National Parks Hwy **Relinquished By:** Relinquished By: service. In no event shall Cardinal Sampler Name: Project Location: Project Name: PLU inalyses. All claims including those LEASE NOTE: Liability and Dan Sampler - UPS - Bus - Other: 425025 Delivered By: (Circle One) FOR LAB USE ONLY Lab I.D. 937 101 East Marland, Hobbs, NM 88240 F506 505 F502 2001 1VOCV 1202 8 Sample I.D. (575) 393-2326 FAX (575) 393-2476 Na 3906 SAUK 7 and any 4 10m 0 other cause C Observed Temp. Time: 1939 Fax #: Project Owner: XTO 25-30 State Battery e ot e d Time: Date: - 1997 32.151949 State: NM Date: Depth · No as (feet) 2 R C R 7 Tomp shall be dee ô ô Zip: 88220 in in (G)RAB OR (C)OMP. $O \leq$ Received By: Q'L Received By: **# CONTAINERS** waived GROUNDWATER -107. Cool Intact Sample Condition WASTEWATER made in writing and rece MATRIX 849368 SOIL 6 OIL SLUDGE act or tort, shall be loss of use, or P.O. #: Fax #: Phone #: OTHER State: NM City: Carlsbad Attn: Amy Ruth (6/100 Stavi) Company: XTO Energy Inc. Address: 3104 E Green St ACID/BASE PRESERV CHECKED BY: (Initials) ICE / COOL loss of profits BILL TO OTHER Zip:88220 DATE 13,25 15.25 30 days 525 SAMPLING after by client, its subbaid by the client for the 0920 All Results are emailed. Please provide Email address: SIHI **Turnaround Time:** Incident: W REMARKS: APP 24 19252577 Verbal Result: 020 020 090 Cost Center: r 020 TIME tillard R ation Factor on of the aj meter ID #110 onde 11405 @ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com Yes P 100 Standard Rush 151 EX ON D ANALYSIS Add'l Phone #: Cool Intact Bacteria (only) Sample Condition REQUEST Observed Temp. °C Corrected Temp. 240 ĉ 3

+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page	16	of	16

eceived	by	UCD:	3/	12/20	023	8:38:1	7 AM

K

Butt To Butt To Address: Ny State: NM Zip: 88220 AttrNmr Ruth- (Mm) Env. Fis.#: Address: 304 E Green St. Project Owner: XTO State: NM Zip: 88220 Gr. 75-55 Address: 304 E Green St. Project Owner: XTO State: NM Zip: 88220 Hum Amr Kit Prove: Fax #: Project Owner: XTO State: NM Zip: 88220 Hum Amr Kit Prove: Fax #: Project Owner: XTO State: NM Zip: 88220 Hum Amr Kit Prove: Fax #: Project Owner: XTO State: NM Zip: 88220 Hum Amr Kit Presserv State: NM Court State: Name Exat: Prove: MATRIX Presserv State: NM O - 44 Great State: Presserv State: NM O - 44 Great State: Presserv State: O - 44 H Great State: Presserv O - 44 H Great State: Based State: O - 44 H Great State: Based State: O - 44 H Great State: Based State: D - 45 H Great State: Based State	Delivered By: (Circle One) Sampler - UPS - Bus - Oth	Relinquished By:	PLEASE NOTE: Liability and Dama analyses. All claims including those service. In no event shall Cardinal t affiliates or successors arising out o	7	12	11	0/	9	~	4	Lab I.D. H250 255	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name: PLU	Project #: 030155	Phone #: 575	City: Carlsbad	Address: 3122 N	Project Manager:	Company Name: Ensolum, LLC
I Chlonde	Sircle One) Bus - Other:	all	d Damages. Cardinal's liability an g those for negligence and any of rdinal be liable for incidental or or g out of or related to the perform.		Swor	5005	SWOH	SUN03	SWOZ	SWOI	Sample I.D.		Joshua IS	32,1519	あみろう	R	937 390		ational Parks Hwy	-1	Ensolum, LLC
I Chlonde	Observed Temp. °C/.C	Time: Date: Date: Time:	d client's exclusive remedy for a ther cause whatsoever shall be prisequental damages, includin ance of services hereunder by a the services hereunder by a services hereunder by a services hereunder by a service of services hereunder by a services hereun		4-8'	18-11	1	0-4'	out.	0-4'	Depth (feet)		Xey	-103.849	2-25-30	Project Owne	Fax #:	State: NM		à	
I Chlonde	1	Received By:	any claim arising whether based in contrac deemed waived unless made in writing ar g without limitation, business interruptions, Cardinal, regardless of whether such claim		0-1				7	CI	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL			1 20		r: XTO		Zip: 88220			
I Chlonde		U	t or tort, shall be limited to the amount p nd received by Cardinal within 30 days at loss of use, or loss of profits incurred b is based upon any of the above stated		1.15.25	1,34:25				1.14.75	OTHER : ACID/BASE: ICE / COOL OTHER :			Phone #:		City: Carlsbad	Address: 3104 E Gree		Company: XTO Energ	P.O. #:	BILL TO
	Standard Bacteria (only) S Rush Cool Intact Dyes Yes	All Results are emailed. Please provide Email address: TH+: (&r & @ensolum.com, TMorrissey@ensolum.com, kthon REMARKS: (P 24)9252577 Incident: W4(P 24)9252577 Cost Center: 4057 100	applicable		Ľ	-	1200	1112	1055		TIME	MPLING			20		en St		gy Inc.		ANALYSIS



January 28, 2025

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU BIG SINKS 02-25-30 STATE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/27/25 11:44.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	01/27/2025	Sampling Date:	01/24/2025
Reported:	01/28/2025	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.151949,-103.849368		

Sample ID: SW 04 4-8 (H250465-01)

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	01/28/2025	ND	1.87	93.7	2.00	6.17	
Toluene*	<0.050	0.050	01/28/2025	ND	1.97	98.5	2.00	6.08	
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	1.90	94.8	2.00	6.19	
Total Xylenes*	<0.150	0.150	01/28/2025	ND	5.56	92.7	6.00	6.21	
Total BTEX	<0.300	0.300	01/28/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464 16.0		01/28/2025 ND		416	104	400	0.00	
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	01/27/2025	ND	217	109	200	2.16	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	211	106	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(01 0 0202-000 (010)	101 (010)	511 10	ANALYSIS REQUEST
Company Name: Ensolum, LLC		DILLIV	
Project Manager: Wacy Hillard	4	7.0. #	
Address: 3122 National Parks Hwy		Company: XIU Energy IIIC	
City: Carlsbad	State: NM Zip: 88220	Attn: Colton Brown	
Phone #: 515 97 3900	Fax #:	Address: 3104 E Green St	
5594	Project Owner: XTO	City: Carlsbad	
nks	02-25-30 State Pattery	State: NM Zip: 88220	
	-10 3.849368	Phone #:	
+		Fax #:	
Sampler Name: Joshua Boxley	MATRIX		ING
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	Chlorides
tomb 1		× 1.24.35	AL N V X 8551
PLEASE NOTE: Liability and Damages. Cardinal's liability a analyses. All claims including those for negligeneoe and any	PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or bot, 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 waited unless interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	r contract or tort, shall be limited to the amount pak writing and received by Cardinal within 30 days after ruptions, loss of use, or loss of profils incurred by c	amount paid by the client for the 30 days after completion of the applicable neurred by client, its subsidiaries,
affiliate or successors arising out of or related to the perform Relinquished By:	Time; UU	Received By: Shad (Light And Hills and upon any or tota address summer summer summer and the summer s	re e
Relinquished By:	Receive	0	051001
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Corrected Temp. C.J.O.: Sample Condi Corrected Temp. C.J.O.: Cool Intact No No No	Sample Condition CHECKED BY: Cool Intact (Initials)	Turnaround Time: Standard Bacteria (only) Competence (only) Compet
FORM-006 R 3.2 10/07/21	† Cardinal cannot accept verb	al changes. Please email cha	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Page 4 of 4



September 09, 2024

TRACY HILLARD ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD, NM 88220

RE: PLU BIG SINKS 02-25-30 STATE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/05/24 14:40.

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/qa/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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	09/05/2024	Sampling Date:	08/30/2024
Reported:	09/09/2024	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	ХТО		

Sample ID: SS 01 0.5' (H245369-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2024	ND	1.73	86.5	2.00	12.9	
Toluene*	0.278	0.050	09/09/2024	ND	1.78	89.2	2.00	14.0	GC-NC1
Ethylbenzene*	0.427	0.050	09/09/2024	ND	1.85	92.6	2.00	14.7	GC-NC1
Total Xylenes*	8.87	0.150	09/09/2024	ND	5.68	94.7	6.00	15.8	
Total BTEX	9.58	0.300	09/09/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	168 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	09/09/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	230	50.0	09/09/2024	ND	194	97.1	200	2.33	
DRO >C10-C28*	10100	50.0	09/09/2024	ND	192	96.1	200	1.46	
EXT DRO >C28-C36	1600	50.0	09/09/2024	ND					
Surrogate: 1-Chlorooctane	142 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	224 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/05/2024	Sampling Date:	08/30/2024
Reported:	09/09/2024	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO		

Sample ID: SS 02 0.5' (H245369-02)

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	09/06/2024	ND	1.73	86.5	2.00	12.9	
Toluene*	<0.050	0.050	09/06/2024	ND	1.78	89.2	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/06/2024	ND	1.85	92.6	2.00	14.7	
Total Xylenes*	<0.150	0.150	09/06/2024	ND	5.68	94.7	6.00	15.8	
Total BTEX	<0.300	0.300	09/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	131 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/09/2024	ND	416	104	400	0.00	
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	09/06/2024	ND	194	97.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	09/06/2024	ND	192	96.1	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	09/06/2024	ND					
Surrogate: 1-Chlorooctane	122 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/05/2024	Sampling Date:	08/30/2024
Reported:	09/09/2024	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO		

Sample ID: SS 03 0.5' (H245369-03)

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	09/06/2024	ND	1.73	86.5	2.00	12.9	
Toluene*	<0.050	0.050	09/06/2024	ND	1.78	89.2	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/06/2024	ND	1.85	92.6	2.00	14.7	
Total Xylenes*	<0.150	0.150	09/06/2024	ND	5.68	94.7	6.00	15.8	
Total BTEX	<0.300	0.300	09/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/09/2024	ND	416	104	400	0.00	
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	09/06/2024	ND	194	97.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	09/06/2024	ND	192	96.1	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	09/06/2024	ND					
Surrogate: 1-Chlorooctane	119 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/05/2024	Sampling Date:	08/30/2024
Reported:	09/09/2024	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO		

Sample ID: SS 04 0.5' (H245369-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2024	ND	1.73	86.5	2.00	12.9	
Toluene*	<0.050	0.050	09/06/2024	ND	1.78	89.2	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/06/2024	ND	1.85	92.6	2.00	14.7	
Total Xylenes*	<0.150	0.150	09/06/2024	ND	5.68	94.7	6.00	15.8	
Total BTEX	<0.300	0.300	09/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	138 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/09/2024	ND	416	104	400	0.00	
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	09/06/2024	ND	194	97.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	09/06/2024	ND	192	96.1	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	09/06/2024	ND					
Surrogate: 1-Chlorooctane	125 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 9	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/05/2024	Sampling Date:	08/30/2024
Reported:	09/09/2024	Sampling Type:	Soil
Project Name:	PLU BIG SINKS 02-25-30 STATE BATTER	Sampling Condition:	Cool & Intact
Project Number:	03C1558459	Sample Received By:	Alyssa Parras
Project Location:	XTO		

Sample ID: SS 05 0.5' (H245369-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2024	ND	1.73	86.5	2.00	12.9	
Toluene*	<0.050	0.050	09/06/2024	ND	1.78	89.2	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/06/2024	ND	1.85	92.6	2.00	14.7	
Total Xylenes*	<0.150	0.150	09/06/2024	ND	5.68	94.7	6.00	15.8	
Total BTEX	<0.300	0.300	09/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	135 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/09/2024	ND	416	104	400	0.00	
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	09/06/2024	ND	194	97.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	09/06/2024	ND	192	96.1	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	09/06/2024	ND					
Surrogate: 1-Chlorooctane	118 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 \$	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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 SM4500CI-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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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Ensolum.LLC BILL TO POLE Valional Parks HWy Pol.#: Company: XTO Energy Inc. description Fax.#: Charles: 3104 E. Green St. 207-8307 Fax.#: Reference PLU Big Sinks 02-25-30 State Battery Phone #: 200mor Whitman Fax.#: Phone #: 201000 Sample Depth (C)CMP Fax.#: 2010000 Sample Depth (C)CMP Fax.#: 20100000000000000000000000000000000000	Sampler - UPS - Bus - Otl		Relinquished By:	Kellinguisned By:	anayses. All claims including those for negligence an service. In no event shall Cardinal be liable for incider affiliates or successors arising out of or related to the p	PLEASE NOTE: Liability and Dama					S	4	20	1	-	1 MCC HOL	Lab I.D.	FOR LAB USE ONLY	9	Project Location:	Project Name:	Project #: 03(Phone #: 337	city: Carlsbad	Address: 3122	Project Manager: Tracy Hillard	Company Name:	
BILL TO P.O. #: Company: XTO Energy Inc. TO Address: 3104 E. Green St. TO State: NM Zip: 88220 Address: 3104 E. Green St. Phone #: Prone #: Prone #: Fax #: Prone #: Prone #: <td>her:</td> <td></td> <td></td> <td></td> <td>those for negligence and any other dinal be liable for incidental or consi out of or related to the performance</td> <td>Damages. Cardinal's liability and cl</td> <td></td> <td></td> <td></td> <td>/</td> <td>505</td> <td>1504</td> <td>5503</td> <td>5502</td> <td>5501</td> <td></td> <td>Sample I.D.</td> <td></td> <td>Connor Whitman</td> <td></td> <td>Sinks</td> <td>C1558459</td> <td>257-8307</td> <td>d</td> <td>National Parks Hv</td> <td>r: Tracy Hillard</td> <td></td> <td>101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476</td>	her:				those for negligence and any other dinal be liable for incidental or consi out of or related to the performance	Damages. Cardinal's liability and cl				/	505	1504	5503	5502	5501		Sample I.D.		Connor Whitman		Sinks	C1558459	257-8307	d	National Parks Hv	r: Tracy Hillard		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
BILL TO P.O. #: Company: XTO Energy Inc. TO Address: 3104 E. Green St. TO State: NM Zip: 88220 Address: 3104 E. Green St. Phone #: Fax #: Fax #: Fax #: Itery SoliL OilLUDGE OilLUDGE Itery SoliL Itery Processory SoliL Itery SoliL Itery SoliL Itery SoliL Itery SoliL Itery PH Chilor PH Chilor <tr< td=""><td>prested Temp. °C</td><td>Time:</td><td>1440</td><td>100°5 24</td><td>cause whatsoever shall be d equental damages, including e of services hereunder by C.</td><td>ent's exclusive remedy for an</td><td></td><td></td><td></td><td></td><td>Ł</td><td></td><td></td><td></td><td></td><td></td><td>Sample Depth (feet)</td><td></td><td></td><td></td><td>02-25-30 State</td><td>Project Owne</td><td>Fax #:</td><td>State:NM</td><td>NY</td><td></td><td></td><td>Hobbs, NM 88 AX (575) 393-2</td></tr<>	prested Temp. °C	Time:	1440	100°5 24	cause whatsoever shall be d equental damages, including e of services hereunder by C.	ent's exclusive remedy for an					Ł						Sample Depth (feet)				02-25-30 State	Project Owne	Fax #:	State:NM	NY			Hobbs, NM 88 AX (575) 393-2
ANA	1	incontrol by.	OUPOLLOS Received By	Received By:	teemed waived unless made in writing ar without limitation, business interruptions, ardinal, regardless of whether such claim	arising					t t t				-	# GI W SC OI	G)RAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER OIL IL	MATRIX			Battery	r: XTO		Zip: 88220				240 476
ANA					nd received by Cardinal within , loss of use, or loss of profits i n is based upon any of the abc	ct or tort, shall be limited to the					V						THER : CID/BASE: E / COOL	PRESERV.	Fax #:	Phone #:		city: Carlsbac	Address: 3104	Attn: Amy Rui	Company: XT(BIL	- Contraction
ANA		Pleas	bbelill@	Verbal Re All Results	30 days after completion of the nourred by client, its subsidiar we stated reasons or otherwist						026 N	546	246	586	-	+		SAMPLING			ip: 88220	ч	Green	th	O Energy Inc.		LTO	
ANALYSIS RI ANALYSIS RI TPH CHLORIDE CH	# ne:	Cos	Isolum	sult: [le applicable les,	the					1			-	-	1	BTEX											
ANALYSIS RI	3 + L Sta	Center: . opy of sig	com, TM] Yes iled. Ple		-	6	5	-							-				_		_	-	_	_	_		
EQUEST EQUEST Im.com I@ensolum.com I@ensolum.com I@ensolum.com I@ensolum.com I@ensolum.com	tandard Bacteria (only) Sample Condition	1140511001 Incident ID: NAPP2419252577 igned COC to: cwhitman@ensolum.com	.com, TMorrissey@ensolum.com, THillard@ensolum.com	I No Add'I Phone #: lease provide Email address:				~																			ANALYSIS REQUEST	f°

Received by OCD: 3/12/2025 8:58:17 AM

Page 8 of 8



APPENDIX E

Disposal Manifests

of 79		
Page 55 of	an North	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill S889 Maple Ave. Suite 300 Dallas, TX 75219 S05.231.1212 ar@ndblandfill.com
		COMPANY NAME: XTO pro Ret 030,558459 DATE: 1/10125
		LEASE: PHONE:
		AFE #: (CL 1140511001 API: 6. (APP212304701) QUANTITY: BBLS
		RIG NAME: PLUBS 02 15-305-RAMMYWELL #: 20 U YARDS
		STATE & COUNTY ORIGIN:Cddy
	-	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
	enerator	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands
	era	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms
	ien	□ Rig Trash □ Pit Liners
-	9 -	Other: Authorize Washout? Yes -No
	art 1	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)
	Pa	RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
		RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
		🗅 SDS Information 🛛 🔤 RCRA Hazardous Waste Analysis 📄 Process Knowledge 📄 Other (Provide Description Below)
		Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous
		waste determination and a description of that waste must accompany this form)
1		(Print) Authorized Agent's Name Date Date Signature
	er	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
	ort	COMPANY NAME: Den Tel Mox YARD #: WHP #: No.14 TRUCK #: 5.3 ADDRESS:
	b	ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: 0 2 3 9 DATE TIME AM DISPATCHER DISPATCHER
	- Transporte	RECEIVED: RECEIVED: PM NAME: PHONE #:
		The following statement must be signed by the truck driver <u>prior</u> to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
	rt 2	DRIVER: Adr Ares DRIVER'S SIGNATURE: Udrin Free
	Part	(Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
3		TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
AM		FACILITY RECEIVED AT (Check One): DATE:O TIME IN: AM(PM)
:17.		TIME OUT: AM / PM
8:58	ac	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY:
025	a	WASHOUT: TIME IN: TIME OUT:
12/2	- Disposal Facility	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out:
D: 3/	Disp	TCLP: PASS FAIL N/A TESTING: 1 2 3 295992 TOX: PASS FAIL N/A H.O 4
Received by OCD: 3/12/2025 8:58:17	3-[(Less than 50 C
d by	Part 3	This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of this
eive	Pa	EMPLOYEE SIGNATURE:
Rec		White Copy: Disposal Facility Yellow: Transporter Pink: Generator
		A DECEMBER OF

62.4	
OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	
COMPANY NAME: 210 DSC1538159	DATE: / - 10 25
LEASE: ThUBS 02:25-30 St battery	PHONE:
VAFE/#: 24/9253.577 (API: 1140511001	QUANTITY: BBLS
RIG NAME: 11/2123047011 WELL #: 2-25-50	20 TYARDS
STATE & COUNTY ORIGIN: Eddy ST DATTOY	YARDS
Waste Description (check only one box) RCRA Exempt	RCRA Non-Exempt
	Contaminated Soil Produced Sands
Image: Constraint of the sector of the se	njectable Fluids I Non-Injectable Fluids Auds w/Cement I Tank Bottoms
I Other:	norize Washout? Yes No
 I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Prois (Check the appropriate classification) RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production of the construction of	
C RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production of certifications on a per load basis only)	perations and are not mixed with non-exempt waste (NDBL Accepts
RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimu regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined	m standards for waste hazardous by characterístics established in RCRA by 40 CFR, part 261, subpart D, as amended. The following documentation
demonstrating the waste as non-hazardous is attached. (Check the app	opriate items as provided)
	ocess Knowledge 🛛 Other (Provide Description Below)
EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by waste determination and a description of that waste must accompany t	the Department of Public Safety (the order, documentation of non-hazardous nis form)
(Print) Authorized Agent's Name Date	Signature
TO BE COMPLETED BY THE TRANSPORTER WHILE THE	GENERATOR IS PRESENT
COMPANY NAME: SCMI ICX MEX YARD #:	WHP #: TRUCK #:
ADDRESS: TICKET #:	
COMPANY NAME: Schill YARD #: ADDRESS: TICKET #: DATE TIME RECEIVED: PM Dispartcher NAME:	DISPATCHER PHONE #:
	rior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE	LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: ///beict HAMACH DRIVER	SSIGNATURE: Nulley Manael
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS	TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
TO BE COMPLETED BY OWL LANDFIL	EMPLOYEES
FACILITY RECEIVED AT (Check One): DATE:	AM/ PM
💈 😈 🗖 Northern Delaware Basin Landfill	HOUT BY: AM / PM
2029 W. NM Highway 128 Jal, New Mexico 88252 WAS	HOUT: TIME IN: TIME OUT:
2029 W. NM Highway 128 Jal, New Mexico 88252	HOUT: TIME IN: TIME OUT:
2029 W. NM Highway 128 Jal, New Mexico 88252 WAS ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TCLP: PASS FAIL N/A TESTING:	HOUT: TIME IN: TIME OUT:
FACILITY RECEIVED AT (Check One): DATE: DATE: DATE: Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 WAS ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A NORM TOX: PASS FAIL N/A H2C	Shake Out: 213939 1 2
2029 W. NM Highway 128 Jal, New Mexico 88252 ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES: This is to contifue that:	Shake Out: 715939 1 2 3 Gallon Test:
SERVICE NOTES: (Less than 50 MCR) has received have (Printed Name) has received have (Printed Name)	HOUT: TIME IN: TIME OUT: T

62.			
7 of			
Page 57	North,	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	COMPANY MAN: Kent Rate (Authorized Agent's Printed Name and Title) SIGNATURE: COMPANY MAN EMAIL: COMPANY MAN PHONE:
		remon Las	
		COMPANY NAME: XTO	
		LEASE: PLV BS 02-25-30 St Battery	PHONE:
		AFE #: Proj. #1030/558459 API:	
		RIG NAME: 2419252577 WELL #: 14	20- YARDS
		STATE & COUNTY ORIGIN: CC: 1140511001	
	-	Waste Description (check only one box)	
	Generator	Water Based Cuttings (DRY) Water Based Cuttings	
	era	Oil Based Cuttings (DRY) Oil Based Cuttings (Will Oil Base Mud Water Base Mud	'ET) Injectable Fluids Non-Injectable Fluids Muds w/Cement Tank Bottoms
	en	☐ Rig Trash	
	5	Other:	Authorize Washout? 🔲 Yes 🖃 No
	11	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) are is (Check the appropriate classification)	nd the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load
	Part		xploration and production operations and are not mixed with non-exempt waste (NDBL Accepts
		RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that during regulations, 40 CFR 261.21-261.24, or listed h	oes not exceed the minimum standards for waste hazardous by characteristics established in RCRA nazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation
		demonstrating the waste as non-hazardous i	is attached. (Check the appropriate items as provided)
		SDS Information RCRA Hazardou	Is Waste Analysis Process Knowledge Other (Provide Description Below)
		EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield wast waste determination and a description of that	te that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous at waste must accompany this form)
		(Print) Authorized Agent's Name	Date Signature
	-	TO BE COMPLETED BY THE TRANS	SPORTER WHILE THE GENERATOR IS PRESENT
	ter	COMPANY NAME: Semiler Mex	YARD #: WHP #: TRUCK #:
	oc	ADDRESS:	TICKET #: ROLL OFF BIN#: TRAILER #:
	Transporter		DISPATCHER DISPATCHER NAME: PHONE #:
	Ira		NAME:PHONE #: I by the truck driver prior to unloading at disposal facility:
	2 -		N THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
	Part:	DRIVER: Cornelio Rempel	DRIVER'S SIGNATURE:
	Pa	(Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN	N ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
ł	1000	TO BE COMPLET	ED BY OWL LANDFILL EMPLOYEES
.17 AM	ity	FACILITY RECEIVED AT (Check One):	
8:58	cili	Northern Delaware Basin Landfill	WASHOUT BY:
925	Fa	2029 W. NM Highway 128 Jal, New Mexico 88252	WASHOUT: TIME IN: TIME OUT:
12/2	Disposal Facility		
: 3/1	spo	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A	NORM Shake Out: TESTING: 1 2 3 005 RUS
CD		TOX: PASS FAIL N/A	H ₂ 0 1 2 3 195 38 5
by C	- m	SERVICE NOTES:	(Less than 50 S Gallon Test:
Received by OCD: 3/12/2025 8:58:17	Part	This is to certify that:	has received the above indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.
lece	P	EMPLOYEE SIGNATURE:	identy and the mark has been disposed of in an duction zed mariner at a permitted site.
			Yellow: Transporter Pink: Generator

	EW MEXICO NON-HAZARD		NUFFOT	Company Man Contact Information
Deco "	EVV WEALOUNUN-HAZANL	JOUS UILFIELD WASTE WA	ANTEST	Name Kent Retz
	(PLEA	SE PRINT) *REQUIRED	INFORMATION*	Name <u>ACCALLE</u>
SOLUTIONS				Phone No
	GEN	ERATOR	NO.	HMAG6600
	GLIV	17/	11 12 .	
Generator Manifest #		Location of Origin	0 Big Di	INKS OF 23-30 JU
Generator Name		Lease/Well Name & No. Pro	A CONTORI	-1558459
	40511001	County Incident	MADD 14/10	1152522
	1001001	API No.	PP21220	42011
City, State, Zip		Rig Name & No. 1 - +	110na 32.15	1975-103-849340
Phone No		AFE/PO No. Rele	ase Dete 7	-8-24
EXEMPT E&P Waste	/Service Identification and Amou	nt (place volume next to waste t	voe in barrels or cubic	vards)
Oil Based Muds	NON-INJECTABLE WATERS		OTHER EXEMPT E&P W	
Oil Based Cuttings Waste Based Muds	Washout Water (Non-Injectable)			
Water Based Cuttings	Completion Fluid/Flow Back (Non-In Produced Water (Non-Injectable)	ijectable)		
Produced Formation Solids	Gathering Line Water/Waste (Non-I	Injectable)	HUDDE	Vac
Tank Bottoms	INTERNAL USE ONLY	X	TOP SOIL & CALICHE SA	LES
Gas Plant Waste	Truck Washout (exempt waste)	(YES) NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS: DRILLIN		PRODUCTION	GATHE	RING LINES
			_ or and	
All non-exempt E&P was	te must be analysed and be below thr	Service Identification and Amount reshold limits for toxicity (TCLP). Ioni	tability Corrosivity ado Br	eactivity
Non-Exempt Other			m Non-Exempt Waste	
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y-YARDS/	E - EACH
I hereby certify that the above listed material(s), is (are) not	hazardous waste as defined by 40 CF	R Part 261 or any applicable state la	w. That each waste has b	een properly described, classified and
packaged, and is in proper condition for transportation acco		and share and share and share		
per load basis on	leherated from oil and gas exploration	and production operation and are n	ot mixed with non-exemp	t waste (R360 Accepts certifications on a
RCRA NON-EXEMPT: Oil field waste wi	high is non-basedous that does not a			
TIGHA NON-EXCIVITI. ON NON WASte W	nich is non-nazardous that does not e	xceed the minimum standards for wa	aste hazardous by charact	eristics established in RCRA regulations.
40 CFR 261.21-26	 i1.24, or listed hazardous waste as de 	fined by 40 CFR, part 261, subpart D	aste hazardous by charact , as amended. The followi	eristics established in RCRA regulations, ing documentation demonstrating the
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9 of				/	
Page 59 oj		Naware R		Kent Ketz	
Pag	1	OWL Landfill Services, L DBA: Northern Delaware Basin Landfill	LC COMPANY MA	N: (Authorized Agent's Printed Name and Title	, MANIFEST #
	North	3889 Maple Ave. Suite 30	O SIGNATURE: _		
	Z	Dallas, 1X / J219	COMPANY MA	N EMAIL:	0367254
		505.231.1212	COMPANY MA	N PHONE:	
		ar@ndblandfill.com			
	-	COMPANY NAME:	s-croppatte	DATE:	
		11101den+ 1000029142525+7	2		
			10511001	PHONE:	
		AFE #: Facility: fapp212507	1	QUANTITY:	20 BBLS
		RIG NAME:	LL #:		YARDS
		STATE & COUNTY ORIGIN:			
		Waste Description (check only one box)	RCRA Exe	empt 🔲 RC	RA Non-Exempt
	Generator	Water Based Cuttings (DRY) Water Based	Cuttings (WET)	Contaminated Soil	Produced Sands
	rat	Oil Based Cuttings (DRY)	ittings (WET)	Injectable Fluids	Non-Injectable Fluids
	ne	Oil Base Mud Water Base M	Mud	Muds w/Cement	Tank Bottoms
	g	Rig Trash Pit Liners		Authorize Washout?	Yes No
		Other: I hereby certify that according to the Resource Conservation and Recovery A	And (DCDA) and the US Faulteen		and the part of the second
	art 1	is (Check the appropriate classification)	Act (RCRA) and the US Environm	iental Protection Agency's July 1988 regula	ory determination, the above described waste load
	Pai	RCRA EXEMPT: Oilfield wastes generated from oil certifications on a per load basis o		duction operations and are not mixed w	ith non-exempt waste (NDBL Accepts
				e minimum standards for waste hazardo	us by characteristics established in RCRA
				defined by 40 CFR, part 261, subpart D, the appropriate items as provided)	as amended. The following documentation
			A Hazardous Waste Analysis		er (Provide Description Below)
		EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-o	116 - 1 J		
		waste determination and a descrip	otion of that waste must acco	ompany this form)	y (the order, documentation of non-hazardous
		(Print) Authorized Agent's Name	Date	Signature	
		TO BE COMPLETED BY TH	E TRANSPORTER WHI	LE THE GENERATOR IS PRESEN	т
	ter	COMPANY NAME:			270
	ort	COMPANY NAME.	TARD #:	WHP #:	IRUCK #: / / / /
	0	ADDRESS-	TICKET #	BOLL OFF PINH	TRAILER #
	Sp	ADDRESS:		ROLL OFF BIN#:_	TRAILER #:
	ansp		TICKET #: DISPATCHER NAME:	ROLL OFF BIN#:_	TRAILER #:
	- Transporter	DATE TIME AM RECEIVED: RECEIVED: PM The following statement must b	e signed by the truck o	friver prior to unloading at disp	
	2 -	DATE TIME AN RECEIVED: TIME PN RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL	e signed by the truck o	friver prior to unloading at disp	osal facility:
	rt 2 - '	DATE TIME AM RECEIVED: RECEIVED: PM The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER: USTAVA KUZ	e signed by the truck c ACED IN THIS VESSEL	friver prior to unloading at disp	osal facility:
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	rt 2 - '	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL OTHER AND	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANI	Iriver prior to unloading at disp SINCE LOADING OF MATERIAL ORIVER'S SIGNATURE:	DESCRIBED IN PART 1 ABOVE."
AM	Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL OTHER AUZ DRIVER:	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANI	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL DRIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T	DESCRIBED IN PART 1 ABOVE."
AM	Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL OTHER AND	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANI	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL DRIVER'S SIGNATURE: IFEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN:	DESCRIBED IN PART 1 ABOVE."
AM	Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER:	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANN OMPLETED BY OWL LA DATE:	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL DRIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN: TIME OUT:	DESCRIBED IN PART 1 ABOVE."
AM	Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER:	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANN OMPLETED BY OWL LA DATE:	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL ORIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN: TIME OUT: WASHOUT BY:	DESCRIBED IN PART 1 ABOVE."
AM	Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER:	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANN OMPLETED BY OWL LA DATE:	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL ORIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN: TIME OUT: WASHOUT BY:	DESCRIBED IN PART 1 ABOVE."
AM	Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER:	e signed by the truck of ACED IN THIS VESSEL ON GIVEN ON THIS MANI DMPLETED BY OWL LA DATE:	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL ORIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN:	DESCRIBED IN PART 1 ABOVE."
AM	Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER:	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANI OMPLETED BY OWL LA DATE: 2 /A NORM TESTING:	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL ORIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN: TIME OUT: WASHOUT BY: WASHOUT BY: Shake Out: 1 2 3	DESCRIBED IN PART 1 ABOVE."
AM	- Disposal Facility Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER:	e signed by the truck of ACED IN THIS VESSEL ON GIVEN ON THIS MANN DMPLETED BY OWL LA DATE: 2 /A NORM TESTING: (Less than 50	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL ORIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN: TIME OUT: WASHOUT BY: WASHOUT BY: WASHOUT: TIME IN: TIME IN:	DESCRIBED IN PART 1 ABOVE."
AM	3 - Disposal Facility Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER:	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANN DMPLETED BY OWL LA DATE: 2 /A NORM TESTING: /A (Less than 50 MCR)	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL ORIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN: TIME OUT: WASHOUT BY: WASHOUT BY: WASHOUT: TIME IN: TIME IN: TIME IN: TIME IN: TIME IN: Shake Out: 1 2 3 H ₂ O S	DESCRIBED IN PART 1 ABOVE."
AM	art 3 - Disposal Facility Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PN The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER:	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANN DMPLETED BY OWL LA DATE: 2 /A NORM TESTING: /A (Less than 50 MCR)	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL ORIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN: TIME OUT: WASHOUT BY: WASHOUT BY: WASHOUT: TIME IN: TIME IN: A TIME IN: TIME IN: TIME IN: TIME IN: A TIME IN: TIME IN: TIME IN: A TIME IN: TIME IN: A TIME IN: A TIME IN: A TIME IN: A A A A A A A A A A A A A	DESCRIBED IN PART 1 ABOVE."
ived by OCD: 3/12/2025 8:58:17 AM	3 - Disposal Facility Part 2 -	DATE TIME AN RECEIVED: RECEIVED: PA The following statement must b "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PL DRIVER:	e signed by the truck c ACED IN THIS VESSEL ON GIVEN ON THIS MANN DMPLETED BY OWL LA DATE: 2 /A NORM TESTING: /A (Less than 50 MCR)	Ariver prior to unloading at disp SINCE LOADING OF MATERIAL ORIVER'S SIGNATURE: FEST IS TRUE AND ACCURATE TO T NDFILL EMPLOYEES TIME IN: TIME OUT: WASHOUT BY: WASHOUT BY: WASHOUT: TIME IN: TIME IN: A TIME IN: TIME IN: TIME IN: TIME IN: A TIME IN: TIME IN: TIME IN: A TIME IN: TIME IN: A TIME IN: A TIME IN: A TIME IN: A A A A A A A A A A A A A	DESCRIBED IN PART 1 ABOVE." DESCRIBED IN PART 1 ABOVE." HE BEST OF MY KNOWLEDGE AM / PM AM / PM AM / PM TIME OUT: J. 95986 Gallon Test: ste has passed all acceptances testing of this

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Page 60 p)	A Norths	505.231.1212 COMPAN	(Authorized Agent's Printed Name and Title) RE: Y MAN EMAIL: Y MAN PHONE:
		COMPANY NAME: XTO 036155 8459	DATE: _/-/0-Z_S
		LEASE: 121 BS 02-25-30	PHONE:
	1	AFE #: UN PP 2419252577 API:APO 212304 70	2// QUANTITY: BBLS
		RIG NAME: 1140511001 WELL #:	20
		STATE & COUNTY ORIGIN: Eddy	YARDS
			Exempt RCRA Non-Exempt
	5	Water Based Cuttings (DRY) Water Based Cuttings (WET)	Contaminated Soil Produced Sands
	enerator	Oil Based Cuttings (DRY)	Injectable Fluids Non-Injectable Fluids
		Oil Base Mud Water Base Mud	Muds w/Cement Tank Bottoms
C	5	Other:	Authorize Washout? 🔲 Yes 🕒 No
		I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US En is (Check the appropriate classification)	vironmental Protection Agency's July 1988 regulatory determination, the above described waste load
Dout	Lan	RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration al certifications on a per load basis only)	nd production operations and are not mixed with non-exempt waste (NDBL Accepts
		RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exce	ed the minimum standards for waste hazardous by characteristics established in RCRA
		demonstrating the waste as non-hazardous w SDS Information RCRA Hazardous Waste Ana	
		EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has b waste determination and a description of that waste mu	een ordered by the Department of Public Safety (the order, documentation of non-hazardous st accompany this form)
		(Print) Authorized Agent's Name Date	Signature
		TO BE COMPLETED BY THE TRANSPORTER	WHILE THE GENERATOR IS PRESENT
	y	COMPANY NAME: Sentexmex YARD #:	WHP #: TRUCK #: 6 Z
3	5	ADDRESS:TICKET #	: ROLL OFF BIN#: TRAILER #:
Topocococa	dello	DATE TIME AM DISPATC RECEIVED: RECEIVED: PM NAME:	HER Miller DISPATCHER PHONE #: 4322090851
Ĥ	-	The following statement must be signed by the tr "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VE	uck driver prior to unloading at disposal facility:
¢			DRIVER'S SIGNATURE:
Part d		(Driver's Name Printed)	
		, (TRANSPORTER), CERTIFY TRAIT THE INFORMATION GIVEN ON THIS	MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
AM		TO BE COMPLETED BY OW	LANDFILL EMPLOYEES
	11	FACILITY RECEIVED AT (Check One): DATE:	TIME IN: AM / PM
5 8:58:17 Eacility		🗖 Northern Delaware Basin Landfill	WASHOUT BY:
24		2029 W. NM Highway 128 Jal, New Mexico 88252	WASHOUT: TIME IN: TIME OUT:
: 3/12/2025	bend	ACCEPTANCE TESTING: PAINT FILTER: PASS_FAIL N/A NORM	
Received by OCD:	212	TCLP: PASS FAIL N/A TESTING TOX: PASS FAIL N/A	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
N 0	2	SERVICE NOTES: (Less than MCR)	50 S Gallon Test:
eived l		This is to certify that:	 has received the above indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized memory at a permitted site
ecei	-	EMPLOYEE SIGNATURE:	facility and the waste has been disposed of in an authorized manner at a permitted site.
×			: Transporter Pink: Generator

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Page 61 of	So5.231.1212 ar@ndblandfill.com
	COMPANY NAME: XTO DATE: 1 94 25
	LEASE: P2 \$ 85 09-95-30 5t Battery PHONE:
	AFE #: 0301558459 API: 2419252577 QUANTITY: BBLS
	DIC NAME 1140511401 WELLAND 3047011 000 -
	YARDS
	STATE & COUNTY ORIGIN:
-	
ato	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids
enerator	□ Oil Base Mud □ Water Base Mud □ Muds w/Cement □ Tank Bottoms
	Rig Trash Pit Liners
9	Other: Authorize Washout?
-	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)
art	RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
-	CRA NON-EXEMPT
	regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
	🗖 SDS Information 🛛 🔤 RCRA Hazardous Waste Analysis 🔤 Process Knowledge 📄 Other (Provide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous)
	(Print) Authorized Agent's Name
	(Print) Authorized Agent's Name
2	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
rte	COMPANY NAME: Sem Tex Mey YARD #: 90 WHP #: TRUCK #: 102 ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: TRAILER #:
od	ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #:
lsu	DATE TIME AM DISPATCHER DISPATCHER RECEIVED: RECEIVED: PM NAME: PHONE #:
Transporter	The following statement must be signed by the truck driver prior to unloading at disposal facility:
2	"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
Part	DRIVER: Peter Thiessen DRIVER'S SIGNATURE: Ottes Officesser.
Pa	(Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
E COL	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
y AM	FACILITY RECEIVED AT (Check One): DATE: DATE: DATE: TIME IN: DATE:
S:17	TIME OUT: AM / PM
8:5 ac	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252
025 al F	WASHOUT: TIME IN: TIME OUT:
12/21	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out:
isp	TCLP: PASS FAIL N/A TESTING: 1 2 3
0CD: 3/12/2025 8:58:17 / - Disposal Facility	TOX: PASS FAIL N/A (Less than 50 C Less than 50 C L
by C	SERVICE NOTES: MCR) Gallon Test:
eived b	This is to certify that:
Received by OCD: 3/12/2025 8:58:17 AM Part 3 - Disposal Facility	
2	White Copy: Disposal Facility Yellow: Transporter Pink: Generator

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Page 62 of	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill S889 Maple Ave. Suite 300 Dallas, TX 75219 S05.231.1212 ar@ndblandfill.com
	COMPANY NAME: XTO 03(1558459 DATE: 1-10-25
	LEASE: PLV BS 02-25-30 PHONE:
25	AFE #: WAPP 2419252577 Factor 2123047011 QUANTITY: BBLS
<	-RIG NAME: 1/4051/00/ WELL #:
	STATE & COUNTY ORIGIN: 1500y
	Waste Description (check only one box)
or	Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands
ati	□ Oil Based Cuttings (DRY) □ Oil Based Cuttings (WET) □ Injectable Fluids □ Non-Injectable Fluids
enerator	Oil Base Mud Water Base Mud Muds w/Cement Tank Bottoms
Ger	Rig Trash Pit Liners
1	Other: Authorize Washout? Yes No
	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)
Part	RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
	 RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)
	(Print) Authorized Agent's Name Date Signature
	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
tel	COMPANY NAME: SenTerMex YARD #: WHP #: TRUCK #: 62
ò	COMPANY NAME: SenTex Mex YARD #: WHP #: TRUCK #: 6.2 ADDRESS:
Transporte	
rai	DATE TIME DATE Dispatcher Dispatcher RECEIVED: RECEIVED: PM NAME: Villy Viller Dispatcher
1.	The following statement must be signed by the truck driver <u>prior</u> to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
ť2	DRIVER: Tad CULLY DRIVER'S SIGNATURE:
Part	(Driver's Name Printed)
	I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE
N	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES
T AM	FACILITY RECEIVED AT (Check One): DATE: TIME IN: AN/ PM
Facility	TIME OUT: AMY PM
Fa	2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY: TIME IN: TIME OUT: TIME OUT:
D: 3/12/2025 Disposal	
/12/	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out:
Dis	TCLP: PASS FAIL N/A TESTING: 1 2 3
OCI	TOX: PASS FAIL N/A H2O Callon Toxt
t 3	SERVICE NOTES: Gallon Test: Gallon Test: Gallon Test:
Received by OCD: 3/12/2025 8:58:17 Part 3 - Disposal Facilit	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): DATE: TIME IN: AN/ PM Northern Delaware Basin Landfill Washout: AM/ PM 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT BY: MACEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A WASHOUT: TIME IN: TIME OUT: ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out: DATE: Jag 5999/ SERVICE NOTES: TOX: PASS FAIL N/A NORM H20 S Gallon Test: Gallon Test: This is to certify that: Employee (Printed Name) Facility and the waste has been disposed of in an authorized manner at a permitted site. EMPLOYEE SIGNATURE: White Construct Escility Yellowe Transporter Diele Construct
ece	
X	White Copy: Disposal Facility Yellow: Transporter Pink: Generator

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63 of		Nowara a						
Page 63	our	Osland asing OW	L Landfill Servi		and the second	N: Kent Ret (Authorized Agent's Printed Nat	me and Title)	MANIFEST #
	Northers	38	389 Maple Ave. Su		' SIGNATURE:		1	0361868
	-		Dallas, TX 7521 505.231.1212		COMPANY MA	N EMAIL:		
	a the sile	CONFERENCE ON PROVIDENCE	ar@ndblandfill.c		COMPANY MA	N PHONE:		J
		COMPANY NAME: XTC	5 030155	8459		DATE: _/ - /	4-75	
		LEASE: QU 02-2		0/21			1.00	
		AFE #: NARP 24192		PP 71730	0417011			BBLS
		RIG NAME: 1140 511					00	
		STATE & COUNTY ORIG	- 21		and the		20	_ YARDS
	Ī	Waste Description (che			RCRA Exe	mpt	RCRA Non-	Exempt
à	5	Water Based Cuttings (E		er Based Cutting		Contaminated Soil		Produced Sands
-	enerator	Oil Based Cuttings (DRY	7) 🗖 Oil B	ased Cuttings (V	WET)	🔲 Injectable Fluids		Non-Injectable Fluids
0	e	Oil Base Mud		er Base Mud		Muds w/Cement	ı 🗆	ank Bottoms
C	5	Rig Trash Other:	🗖 Pit Li	iners		Authorize Washout	? 🗌 Yes	No
-		I hereby certify that according to the		ecovery Act (RCRA)	and the US Environn	nental Protection Agency's July 1	988 regulatory determin	ation, the above described waste load
440		is (Check the appropriate classification RCRA EXEMPT:		from oil and gas o	exploration and pro	duction operations and are no	t mixed with non-exer	npt waste (NDBL Accepts
0	-	CRA NON-EXEMPT:	certifications on a per loa		does not exceed th	e minimum standards for wast	a bazardous by charac	teristics established in BCBA
			regulations, 40 CFR 261.2	1-261.24, or listed	hazardous waste a		ubpart D, as amended	. The following documentation
			SDS Information		ous Waste Analysis	Process Knowledge	Other (Provide I	Description Below)
		EMERGENCY NON-OILFIELD:	Emergency non-hazardo	us, non-oilfield wa	ste that has been o	dered by the Department of P	ublic Safety (the order,	documentation of non-hazardous
			waste determination and	1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.				
	(P	Print) Authorized Agent's Name			Date	Signatur	e	
Å	1 1	C.				LE THE GENERATOR IS		1-3
440		COMPANY NAME: <u>Ser</u>	J lex Ma	×	YARD #:		the second s	_TRUCK #: <u>62</u>
2			TIME		TICKET #: DISPATCHER		DICDATO	_ TRAILER #:
Trancortor	R		RECEIVED:		NAME:	illy Willer	PHONE	#: <u>4322090851</u>
1		The "I CERTIFY THAT NO OT				friver prior to unloading		
÷		DRIVER: Tad	Curry			DRIVER'S SIGNATURE:		
Dart			(Driver's Name Printed		THE OWNER OF STREET, ST	FEST IS TRUE AND ACCUR		
		, (TRANSPORTER),		Contractor of Contractor	No. of Concession	And the Real Property in the Party of the Pa	ATE TO THE BEST O	- MT KNOWLEDGE
WI .				J BE COMPLE	111	NDFILL EMPLOYEES	. 7.1	
8:58:17 A	F/	ACILITY RECEIVED AT (Chee	ck One):		DATE:		N:	
8:58		Northern Delaware Ba		- 00252		WASHOUT BY:		
025 J		2029 W. NM Highway	128 Jai, New Mexico	0 66252		WASHOUT: TI	ME IN:	_ TIME OUT:
Disnocal		ACCEPTANCE TESTING: PA	INT FILTER: PASS F	AIL N/A	NORM	Shake Ou	it:	0
3/ icn	de	TC	LP: PASS F	AIL N/A	TESTING:	1 2	3 0	SCOVIC
		ТО	DX: PASS F.	AIL N/A	(Less than 50	H ₂ O		
by 4		ERVICE NOTES: his is to certify that:	()		MCR)	as received the above indicated	waste waste has nors	Gallon Test:
Received by OCD: 3/12/2025 8:58:17 AM Dart 3 - Dismosal Facility	8		Employee (P	rinted Name)		acility and the waste has been d		
Rece		MPLOYEE SIGNATURE:	Militia Come Di	moral Facility	Veller	propertor Distance	water	
			White Copy: Dis	spusal raciiity	Yellow: Tra	nsporter Pink: Gene	rator	

of 79						
Page 64	we Norths	Dallas, I	ware Basin Landfill We. Suite 300 X 75219 1.1212		(Authorized Agent's Printed Name EMAIL: PHONE:	MANIFEST # 0386832
		COMPANY NAME: X TD	0361558	459	DATE:	1-14-25
		LEASE: The BS 02-25	-30 St B.	rttely	PHONE:	
		RIG NAME: AP 212304	API: 70/1 WELL #: _	2-25-3		BBLS
		STATE & COUNTY ORIGIN:	Dy WILL #.	STBAFR	~~~ /	I YARDS
		Waste Description (check only one				RCRA Non-Exempt
	Itol		Water Based Cutting	0.510 0.0	Contaminated Soil	Produced Sands
	era	 Oil Based Cuttings (DRY) Oil Base Mud 	 Oil Based Cuttings (Water Base Mud 	WET)	 Injectable Fluids Muds w/Cement 	Non-Injectable Fluids Tank Bottoms
	Generator		Pit Liners			
	1-0	Deter:	ation and Becovery Act (BCBA	and the US Environmer	Authorize Washout?	regulatory determination, the above described waste load
	art 1	is (Check the appropriate classification)				lixed with non-exempt waste (NDBL Accepts
	P	certifications o	n a per load basis only)			
		regulations, 40	CFR 261.21-261.24, or listed	d hazardous waste as d		azardous by characteristics established in RCRA part D, as amended. The following documentation d)
		SDS Informa		ous Waste Analysis	Process Knowledge	Other (Provide Description Below)
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					ered by the Department of Pub	lic Safety (the order, documentation of non-hazardous
			nation and a description of t	that waste must accom	ered by the Department of Pub apany this form)	
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5 of 79		
Page 65 of	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	COMPANY MAN: Kent Retz (Authorized Agent's Printed Name and Title) SIGNATURE: COMPANY MAN EMAIL: COMPANY MAN PHONE:
	COMPANY NAME: XTO	DATE: 1-15-25
	LEASE: PLUB01-25-30St Battery	PHONE:
	AFE #: 03 CIS5 8459 API: CC: 1140	
	RIGNAME <u>ACIDENT: NAPP241935</u> WELT #:	VADDC
	STATE & COUNTY ORIGIN: Facility: FAPP21	150978/1
-	Waste Description (check only one box)	
ato	Water Based Cuttings (DRY) Water Based Cuttings Oil Based Cuttings (DRY) Oil Based Cuttings (W	
enerator	Oil Base Mud Water Base Mud	Muds w/Cement Tank Bottoms
Gei	Rig Trash Dit Liners	Authorize Washout? 🔲 Yes 🛛 No
	Other: I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) a	and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load
art	is (Check the appropriate classification) PRCRA EXEMPT: Oilfield wastes generated from oil and gas ex	exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts
A	certifications on a per load basis only) □ RCRA NON-EXEMPT: Olifield waste which is non-hazardous that d	does not exceed the minimum standards for waste hazardous by characteristics established in RCRA
	regulations, 40 CFR 261.21-261.24, or listed h	hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation Is attached. (Check the appropriate items as provided)
	SDS Information RCRA Hazardou	us Waste Analysis 🔲 Process Knowledge 📄 Other (Provide Description Below)
	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield was waste determination and a description of th	ste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous
	waste determination and a description of an	
	(Print) Authorized Agent's Name	Date Signature
-	A REAL PROPERTY AND A REAL	Date Signature
ter	TO BE COMPLETED BY THE TRAN	ISPORTER WHILE THE GENERATOR IS PRESENT
oorter	TO BE COMPLETED BY THE TRAN	Date Signature
Insporter	TO BE COMPLETED BY THE TRAN	Date Signature ISPORTER WHILE THE GENERATOR IS PRESENT YARD #:
Transporter	TO BE COMPLETED BY THE TRAN COMPANY NAME: Sent To X ARE X ADDRESS:	Date Signature ISPORTER WHILE THE GENERATOR IS PRESENT YARD #:
1	TO BE COMPLETED BY THE TRAN COMPANY NAME: Sent Tak Add Add ADDRESS:	Date Signature ISPORTER WHILE THE GENERATOR IS PRESENT YARD #: WHP #: TICKET #: ROLL OFF BIN#: TRAILER #: 0309 DISPATCHER DISPATCHER NAME: Middle MAME: Middle VARD #: YARD #: OS 09 DISPATCHER DISPATCHER DISPATCHER NAME: Middle NAME: Middle MIDER PHONE #: Y33.209.085 I d by the truck driver prior to unloading at disposal facility: N THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
1	TO BE COMPLETED BY THE TRAN COMPANY NAME: Sem To K Are X ADDRESS:	Date Signature ISPORTER WHILE THE GENERATOR IS PRESENT YARD #: WHP #: TICKET #: ROLL OFF BIN#: TICKET #: ROLL OFF BIN#: TRAILER #: 0309 DISPATCHER DISPATCHER NAME: MILANCE PHONE #: 933-209-0851 d by the truck driver prior to unloading at disposal facility:
	TO BE COMPLETED BY THE TRAN COMPANY NAME: Sent Tak Add ADDRESS:	
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v OCD: 3/12/2025 8:58:17 AM - Disposal Facility Part 2 -	TO BE COMPLETED BY THE TRAN COMPANY NAME: Sent Take Address ADDRESS:	

of 79				
Page 66 of	Morth.	OWL Landfill Services, LLC DBA: Northern Delaware Basin Landfill Sa89 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com OMPANY MAN PHONE: COMPANY MAN PHONE:		
	Part 1 - Generator	COMPANY NAME: X + 0 LEASE: PLOBS02-35-305t Battery AFE #: Gett: Gett: D3C1558959 API: COMPANY NAME: QUANTITY: BBLS RIG NAME: CIdeot: Mark: CIdeot: Mark: CIdeot: Mark: CIdeot: Mark: CIdeot: STATE & COUNTY ORIGIN: Contaminated Soil Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt Produced Sands Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-injectable Fluids Other: Authorize Washout? Pres No Infectable Fluids Innectable Fluids Other: Oilfield waste generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts criftications on a per load basis only) Inferced waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261:21-261:24, or itset hazardous waste a defined by 40 CFR, part 261, subpart 0, as amended. The following documen		
	er	EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name Date Signature Signature TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT		
	orte	COMPANY NAME: Sent TeXMeX YARD #: WHP #: TRUCK #: S9 ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #: 0309		
	Transporter	DATE TIME AM DISPATCHER NAME: <u>Milly Wielch</u> DISPATCHER PHONE #: <u>732-209-085</u>		
	1	The following statement must be signed by the truck driver <u>prior</u> to unloading at disposal facility: "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."		
	Part 2	DRIVER: Corny Reincer- (Driver's Name Printed) DRIVER'S SIGNATURE: Carl Stras		
	4	(Driver's name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE		
7 AM	TO BE COMPLETED BY OWL LANDFILL EMPLOYEES			
58:1	ility	FACILITY RECEIVED AT (Check One): DATE: TIME IN: AM / PM TIME OUT: AM / PM		
2/2025 8.	sal Fac	Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 WASHOUT: TIME IN: TIME OUT:		
Received by OCD: 3/12/2025 8:58:17 AM	Disposal Facility	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A TOX: PASS FAIL N/A TOX: PASS FAIL N/A TCLP: PASS FAIL N/A TESTING: H ₂ O H ₂ O		
sd by	t3-	SERVICE NOTES: (Less than 50 S Gallon Test:)		
Receive	Part	Employee (Printed Name) facility and the waste has been disposed of in an authorized manner at a permitted site.		
		White ConverDisposal Facility Vellows Transporter Disly Constants		

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Page 67	* Norths	DBA 3889	Landfill Serv A: Northern Delaware Basi Maple Ave. So Dallas, TX 752 505.231.121 r@ndblandfill.	n Landfill uite 300 19 2	SIGNATŪRE:	N: <u>Kent Ret</u> (Authorized Agent's Printed Name a N EMAIL: N PHONE:	<u> </u>	AANIFEST # 383405
			TO .					
		LEASE PLUBS02-25	-30 JT Ba	Hery		PHONE:		
		AFE# 03C1558	2459 API:	6: 1140	0511001	QUANTITY:		BBLS
		RIG NAME: Cident :NAP	P2419252	2 7WELL #: _			20	YARDS
		STATE & COUNTY ORIGIN:	Facility: F	APPJIZ	3047011			AZ TARDS
	-	Waste Description (check				1.1	RCRA Non-Exem	pt
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	era	 Oil Based Cuttings (DRY) Oil Base Mud 	and the second	Based Cuttings (' ter Base Mud	VVEI)	 Injectable Fluids Muds w/Cement 	Tank B	jectable Fluids
	Generator	Rig Trash	D Pit					
	1	Other:				Authorize Washout?		No
	rt 1	I hereby certify that according to the Resc is (Check the appropriate classification)	ource Conservation and	Recovery Act (RCRA)	and the US Environr	nental Protection Agency's July 1988	regulatory determination, t	he above described waste load
	Pa		oilfield wastes generate ertifications on a per lo		exploration and pro	oduction operations and are not mi	xed with non-exempt wa	ste (NDBL Accepts
		RCRA NON-EXEMPT: O re	A part of the second se	on-hazardous that	t does not exceed th d bazardous waste a	e minimum standards for waste ha s defined by 40 CFR, part 261, subp	zardous by characteristic	s established in RCRA
		de	emonstrating the was	te as non-hazardou	is is attached. (Chec	the appropriate items as provided	d)	nowing documentation
			CDCI.C.					and a second
		-] SDS Information	RCRA Hazard	lous Waste Analysis	Process Knowledge	Other (Provide Descrip Other (Provide Descrip	tion Below)
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Page 68		Delaware Bag, OWL Landfill Services, LLC	COMPANY MAN	Authorized Agent's Printed Name and T	MANIFEST #
Pa	er	DBA: Northern Delaware Basin Landfill		(Authorized Agent's Printed Name and T	itle)
	Northers	3889 Maple Ave. Suite 300			0383402
	THE REAL	Dallas, TX 75219 505.231.1212	COMPANY MAN	EMAIL:	_
	A.	ar@ndblandfill.com	COMPANY MAN	PHONE:	
		(1emier 56)		DATE: / /	4-95
		COMPANY NAME: A COMPANY NAME: A COMPANY NAME: A COMPANY NAME:			
		LEASE: PLUBDUZ-15-30 St Batta			
		AFER: 0301555459 API: C: 11405			BBLS
		RIG NAME: cidest. NAPP 241925 2577 WELL #: _	1003011		20 VARDS
		STATE & COUNTY ORIGIN: FACILITY FAPP 2133			
	-	Waste Description (check only one box)			RCRA Non-Exempt
	to	Water Based Cuttings (DRY)		Contaminated Soil	 Produced Sands Non-Injectable Fluids
	era	 Oil Based Cuttings (DRY) Oil Based Cuttings (V Oil Base Mud Water Base Mud 	VET)	Muds w/Cement	Tank Bottoms
	Generator	Rig Trash Pit Liners			
	Ū	Other:		Authorize Washout?	Yes ANO
	-	I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) is (Check the appropriate classification)	and the US Environm	ental Protection Agency's July 1988 reg	ulatory determination, the above described waste load
	Part	RCRA EXEMPT: Oilfield wastes generated from oil and gas of certifications on a per load basis only)	exploration and proc	duction operations and are not mixe	d with non-exempt waste (NDBL Accepts
		RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that regulations 40 CEB 261 21-261 24 or listed	does not exceed the	e minimum standards for waste haza defined by 40 CFR, part 261, subpar	rdous by characteristics established in RCRA t D, as amended. The following documentation
	- 11	demonstrating the waste as non-hazardous	s is attached. (Check	the appropriate items as provided)	
			ous Waste Analysis	B	Other (Provide Description Below)
		EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste determination and a description of t	aste that has been or hat waste must acco	dered by the Department of Public S ompany this form)	afety (the order, documentation of non-hazardous
		(Print) Authorized Agent's Name	Date	Signature	
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APPENDIX F

NMOCD Correspondence

Released to Imaging: 3/12/2025 10:48:01 AM

outlook 🔄

(Final Extension) - XTO - Status Update - PLU Big Sinks 02-25-30 State Battery (Incident Number: nAPP2419252577)

From Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Date Mon 12/30/2024 4:50 PM

- To Brown, Colton S <colton.s.brown@exxonmobil.com>
- Cc Dirkx, Kaylan <kaylan.dirkx@exxonmobil.com>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Tracy Hillard <thillard@ensolum.com>; Kim Thomason <kthomason@ensolum.com>; robert.d.woodall@exxonmobil.com <robert.d.woodall@exxonmobil.com>; ashley.a.mcafee@exxonmobil.com <ashley.a.mcafee@exxonmobil.com>; kailee.smith@exxonmobil.com <kailee.smith@exxonmobil.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

[**EXTERNAL EMAIL**]

RE: Incident #NAPP2419252577

Colton,

Your request for a 90-day extension to **March 31st**, **2025** is approved. This will be the **final extension** for this release. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 506 W. Texas Ave.| Artesia, NM 88210 575.909.0302 | robert.hamlet@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, December 30, 2024 3:19 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] XTO - Status Update - PLU Big Sinks 02-25-30 State Battery (Incident Number: nAPP2419252577)

From: Brown, Colton S <<u>colton.s.brown@exxonmobil.com</u>> Sent: Monday, December 30, 2024 2:29 PM To: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>

Cc: Dirkx, Kaylan <<u>kaylan.dirkx@exxonmobil.com</u>>; Tacoma Morrissey <<u>tmorrissey@ensolum.com</u>>; Ben Belill <<u>bbelill@ensolum.com</u>>; Tracy Hillard <<u>thillard@ensolum.com</u>>; Kim Thomason <<u>kthomason@ensolum.com</u>>; Woodall, Robert D <<u>robert.d.woodall@exxonmobil.com</u>>; Mcafee, Ashley A <<u>ashley.a.mcafee@exxonmobil.com</u>>; Smith, Kailee /C <<u>kailee.smith@exxonmobil.com</u>>

Subject: [EXTERNAL] XTO - Status Update - PLU Big Sinks 02-25-30 State Battery (Incident Number: nAPP2419252577)

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

XTO is providing a status update for the PLU Big Sinks 02-25-30 State Battery (Incident Number nAPP2419252577). Initial assessment activities began on August 30, 2024, including multiple attempts at completing delineation of the release extent. Due to the competent formation below the release, heavy equipment was needed to complete further remediation. On October 1, 2024, XTO submitted a sundry form to the Bureau of Land Management (BLM) for land access approval. On October 2, 2024, BLM approved the submitted sundry form. Delineation activities began on October 22, 2024, but full delineation was unable to be achieved due to the competent formation. Excavation of the release extent began December 16, 2024, and is scheduled to be completed January 15, 2025. On December 19, 2024, XTO submitted a depth to groundwater (DTW) variance request to the NMOCD requesting a variance of the 25-year groundwater data preference. On December 30, 2024, NMOCD denied the variance via email. In response, XTO will install a DTW soil boring within 0.5 miles of the release extent. The soil boring will be measured with an oil/water interface probe after 72 hours to confirm the depth to regional groundwater. Following the DTW soil boring drilling, excavation activities, and receipt of final laboratory analytical results, XTO will submit a remediation work plan or closure report. Based on the information provided, XTO respectfully requests a 90-day extension until April 1, 2025.

Thank You

Colton Brown Wastewater Advisor

ExxonMobil Upstream Company

3104 E. Greene St. Carlsbad, NM 88220 Cell Phone: 575-988-2390 colton.s.brown@exxonmobil.com

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

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QUESTIONS

Action 441584

QUESTIONS		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	441584	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

nAPP2419252577
NAPP2419252577 PLU BIG SINKS 02-25-30 STATE BATTERY @ 0
Release Other
Remediation Closure Report Received
[fAPP2123047011] BIG SINKS 2 25 30

Location of Release Source

Please answer all the questions in this group.
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Site Name	PLU BIG SINKS 02-25-30 STATE BATTERY
Date Release Discovered	07/08/2024
Surface Owner	State

Incident Details

Please answer all the questions in this group.		
Incident Type	Release Other	
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	Νο	
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	Νο	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.			
Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 4 BBL Recovered: 0 BBL Lost: 4 BBL.		
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 9 BBL Recovered: 0 BBL Lost: 9 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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Action 441584

QUESTIONS (continued) OGRID: Operator: **XTO ENERGY, INC** 5380 6401 Holiday Hill Road Action Number: Midland, TX 79707 441584 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)			
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.		
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No		
Reasons why this would be considered a submission for a notification of a major release	Unavailable.		
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.			

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of waluation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	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	
	Names Calter Drawn	

	Name: Colton Brown
I hereby agree and sign off to the above statement	Title: Environmental Advisor
	Email: colton.s.brown@exxonmobil.com
	Date: 07/10/2024

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QUESTIONS (continued)

Operator:	UGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	441584
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release an	nd 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 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 500 and 1000 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
Requesting a remediation plan approval with this submission	Yes		
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	sociated 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 milligr	rams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	464		
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	36.8		
GRO+DRO (EPA SW-846 Method 8015M)	36.8		
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 eff which includes the anticipated timelines for beginning and completing the remediation.	orts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,		
On what estimated date will the remediation commence	08/30/2024		
On what date will (or did) the final sampling or liner inspection occur	01/15/2025		
On what date will (or was) the remediation complete(d)	01/24/2025		
What is the estimated surface area (in square feet) that will be reclaimed	1009		
What is the estimated volume (in cubic yards) that will be reclaimed	270		
What is the estimated surface area (in square feet) that will be remediated	1009		
What is the estimated volume (in cubic yards) that will be remediated	270		
These estimated dates and measurements are recognized to be the best guess or calculation at the tin	ne 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.

Action 441584

(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)

(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)

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Action 441584

QUESTIONS (continued)			
Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380 Action Number: 441584 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)		
QUESTIONS			
Remediation Plan (continued) Please answer all the questions that apply or are indicated. This information must be provided to th	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			
(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	OWL LANDFILL JAL [fJEG1635837366]		
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.		

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.

Not answered.

Not answered.

	I hereby agree and sign off to the above statement	Name: Robert Woodall Title: Environmental Analyst Email: robert.d.woodall@exxonmobil.com
		Date: 03/12/2025
. E		

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)		
Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	441584	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QU	ESI	rioi	٧S

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο

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QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	441584
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	431470
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/17/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all r	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	1009
What was the total volume (cubic yards) remediated	270
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	1009
What was the total volume (in cubic yards) reclaimed	270
Summarize any additional remediation activities not included by answers (above)	Site assessment and excavation activities were conducted at the Site to address the July 8, 2024, release of crude oil and produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated that all COC concentrations were compliant with the Site Closure Criteria. All impacted soil was removed from the release area. Based on the soil sample analytical results, no further remediation was required. XTO will backfill the excavation with material purchased locally and recontour the Site to match pre-existing site conditions. Excavation of impacted soil has mitigated potential impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2419252577.
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report	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 ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ing notification to the OCD when reclamation and re-vegetation are complete.
I hereby agree and sign off to the above statement	Title: Environmental Analyst Email: robert.d.woodall@exxonmobil.com Date: 03/12/2025

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Action 441584

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QUESTIONS (continued)			
Operator: XTO ENERGY, INC	OGRID: 5380		
6401 Holiday Hill Road Midland, TX 79707	Action Number: 441584		
	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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atural Resources	Action 441584
n Division	

CONDITIONS

Operator:	OGRID:	l
XTO ENERGY, INC	5380	ł
6401 Holiday Hill Road	Action Number:	ł
Midland, TX 79707	441584	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	i i

CONDITIONS

Created By	Condition	Condition Date	1
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2419252577 PLU BIG SINKS 02-25-30 STATE BATTERY, thank you. This Remediation Closure Report is approved.	3/12/2025	1

CONDITIONS