



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.

XTO Energy, Inc
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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 from 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.

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 (<i>Eragrostis trichodes</i>)	1.0
Sands dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	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).

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

Sincerely,
Ensolum, LLC

A handwritten signature in black ink that reads "Tracy Hillard".

Tracy Hillard
Project Engineer

A handwritten signature in black ink that reads "Morrissey".

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 1 Soil 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



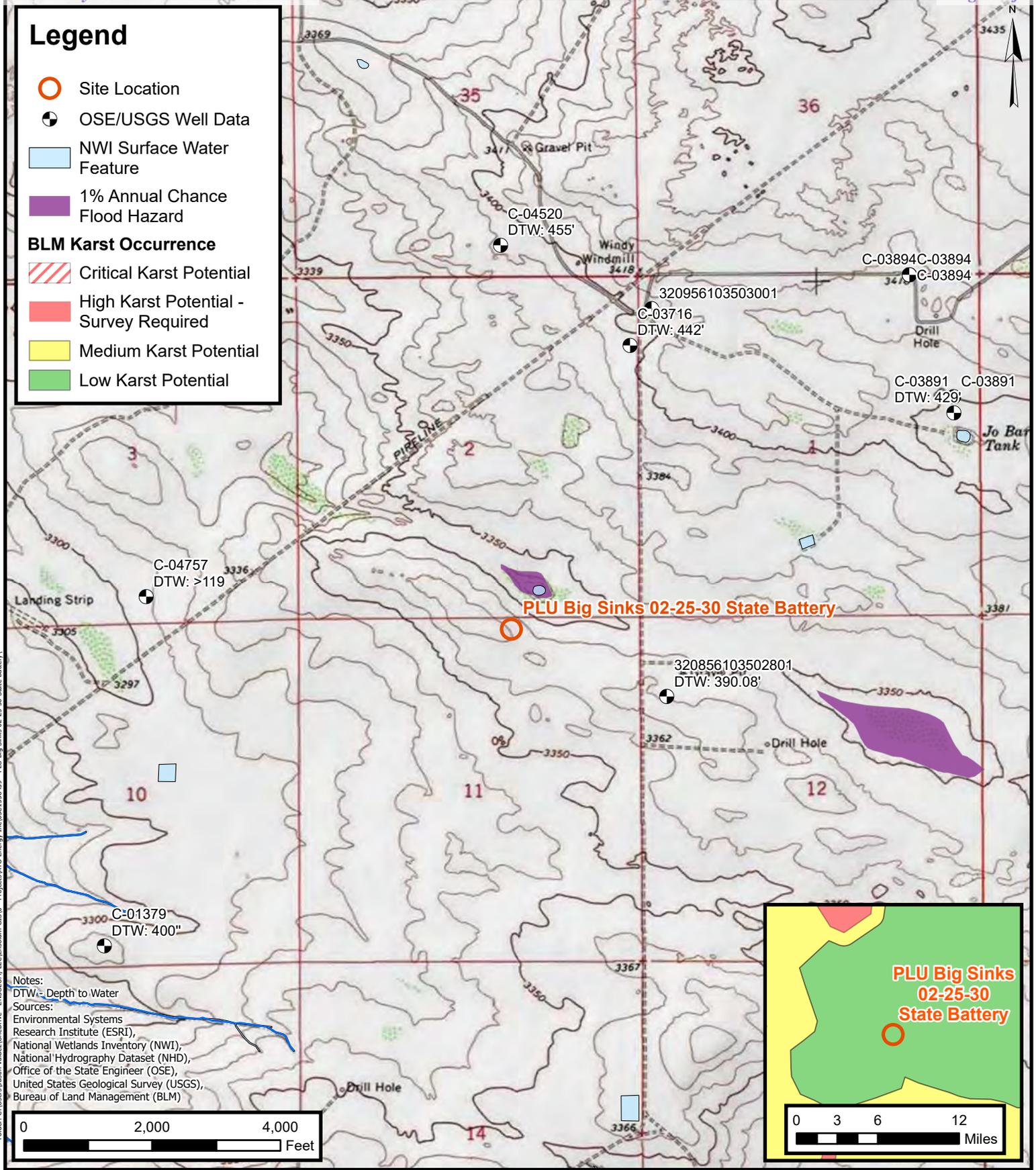
FIGURES

Legend

-  Site Location
-  OSE/USGS Well Data
-  NWI Surface Water Feature
-  1% Annual Chance Flood Hazard

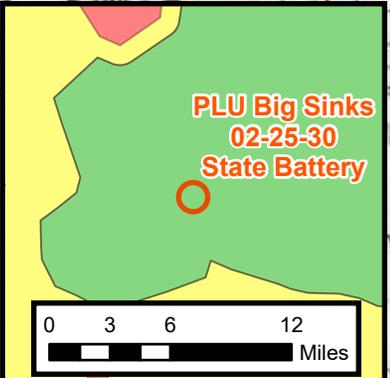
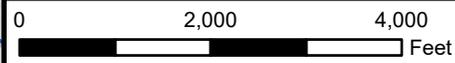
BLM Karst Occurrence

-  Critical Karst Potential
-  High Karst Potential - Survey Required
-  Medium Karst Potential
-  Low Karst Potential



Folder: C:\Users\Justin.Velez\OneDrive - ENSOLUM, LLC\Ensolium GIS\0 - Projects\XTO Energy, Inc\031559495 - PLU Big Sinks 02-25-30 State Battery

Notes:
 DTW: - Depth to Water
 Sources:
 Environmental Systems
 Research Institute (ESRI),
 National Wetlands Inventory (NWI),
 National Hydrography Dataset (NHD),
 Office of the State Engineer (OSE),
 United States Geological Survey (USGS),
 Bureau of Land Management (BLM)



Site Receptor Map

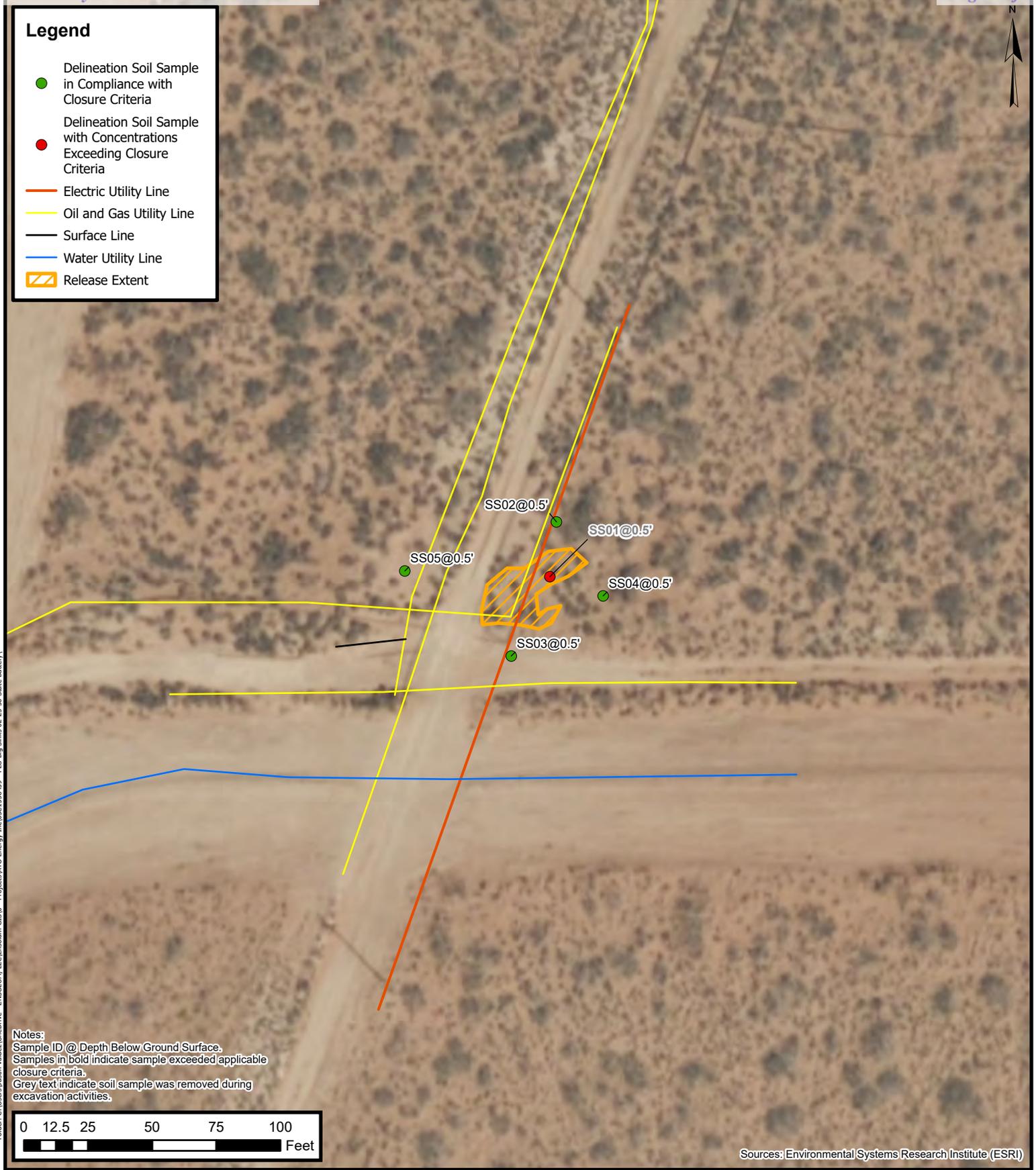
XTO Energy Inc.
 PLU Big Sinks 02-25-30 State Battery
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 Unit B, Section 11, T 25S, R 31E
 Eddy County, New Mexico

FIGURE

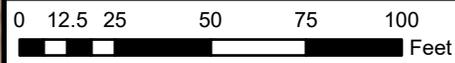
1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Exceeding Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Surface Line
- Water Utility Line
- Release Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable closure criteria.
 Grey text indicate soil sample was removed during excavation activities.



Sources: Environmental Systems Research Institute (ESRI)



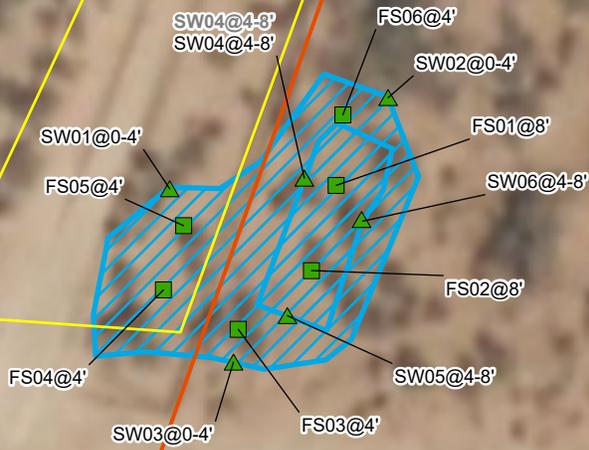
Delineation Soil Sample Locations

XTO Energy Inc.
 PLU Big Sinks 02-25-30 State Battery
 Incident Number: nAPP2419252577
 Unit B, Section 11, T 25S, R 31E
 Eddy County, New Mexico

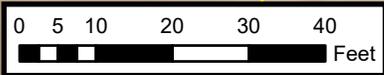
FIGURE
2

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Surface Line
- Water Utility Line
- Excavation Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable closure criteria.
 Grey text indicate soil sample was removed during excavation activities.



Sources: Environmental Systems Research Institute (ESRI)



Excavation Soil Sample Locations

XTO Energy Inc.
 PLU Big Sinks 02-25-30 State Battery
 Incident Number: nAPP2419252577
 Unit B, Section 11, T 25S, R 31E
 Eddy County, New Mexico

FIGURE

3



TABLES



**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)
NMOCDC Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
SS01	08/30/2024	0.5	<0.050	9.58	230	40,400	4,600	40,330	44,930	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
Confirmation Soil Samples										
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 Soil 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

NMOCDC: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in **bold** exceed the NMOCDC 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



APPENDIX A

Referenced Well Records



USGS Home
 Contact USGS
 Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News 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: [Next Generation Monitoring Location Page](#)

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 of measurement
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		

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	A	Approved for publication -- Processing and review completed.

- [Questions or Comments](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
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 [Privacy](#)
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[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: [USGS Water Data Support Team](#)

Page Last Modified: 2024-04-23 12:17:11 EDT

0.44 0.34 nadww02



APPENDIX B

Land Access Reference

Well Name: POKER LAKE UNIT	Well Location: T25S / R30E / SEC 11 / NENW / 32.1509886 / -103.8555973	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

Type of Action: Surface Disturbance

Date Sundry Submitted: 10/01/2024

Time Sundry Submitted: 04:13

Date proposed operation will begin: 10/28/2024

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 re-seeded 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

Well Name: POKER LAKE UNIT

Well Location: T25S / R30E / SEC 11 / NENW / 32.1509886 / -103.8555973

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

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 Signature: AMY RUTH

Signed on: OCT 01, 2024 04:13 PM

Name: XTO PERMIAN OPERATING LLC

Title: SHE Coordinator

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND

State: TX

Phone: (575) 689-3380

Email address: AMY.RUTH@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CRISHA A MORGAN

BLM POC Title: Environmental Protection Specialist

BLM POC Phone: 5752345987

BLM POC Email Address: camorgan@blm.gov

Disposition: Approved

Disposition Date: 10/02/2024

Signature: CRISHA A. MORGAN

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2025

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **NMNM105422429**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

Oil Well Gas Well Other

7. If Unit of CA/Agreement, Name and/or No.
NMNM 071016X

8. Well Name and No. **Poker Lake Unit #347H**

2. Name of Operator **XTO Permian Operating LLC**

9. API Well No. **30-015-38668**

3a. Address **3104 E Greene Street
Carlsbad, NM 88220**

3b. Phone No. (include area code)
(432) 661-0571

10. Field and Pool or Exploratory Area
Poker Lake

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
32.1510, -103.8556; Unit C, Section 11, T25S, R30E

11. Country or Parish, State
Eddy County, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

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 is located at 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, hydrovacuum 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 re-seeded with the recommended BLM seed mixture.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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)

GENERAL INSTRUCTIONS

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)

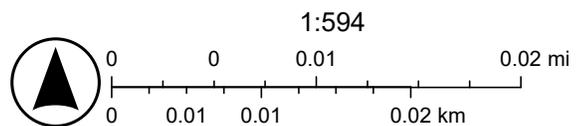
PLU Big Sinks 02-25-30 State Battery



9/26/2024

- Sample Location
- Pipeline Line Utility
- Electric Utility Line
- Oil and Gas Utility Line
- Linear Features - Other
- Location Mark
- ▨ Release Extent

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



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 GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau,
 USDA, USFWS



APPENDIX C
Photographic Log



Photographic Log
XTO Energy, Inc.
PLU Big Sinks 2-25-30 State Battery
nAPP2419252577



Photograph: 1 Date: 7/9/2024
Description: Soil staining in release footprint
View: East

Photograph: 2 Date: 8/30/2024
Description: Soil staining in release footprint
View: Northeast



Photograph: 3 Date: 10/22/2024
Description: Gross impacts removed
View: North

Photograph: 4 Date: 12/18/2024
Description: Excavation activities
View: Northeast



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		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	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 % 71.5-134

Chloride, SM4500CI-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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		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 % 71.5-134

Chloride, SM4500CI-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 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		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) 126 % 71.5-134

Chloride, SM4500CI-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 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		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) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	10.2	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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 % 71.5-134

Chloride, SM4500CI-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 % 71.5-134

Chloride, SM4500CI-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 % 71.5-134

Chloride, SM4500CI-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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		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) 124 % 71.5-134

Chloride, SM4500CI-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Analytical Results For:

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		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) 122 % 71.5-134

Chloride, SM4500CI-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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Analytical Results For:

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		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) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name: Ensolum, LLC

BILL TO

ANALYSIS REQUEST

Project Manager: Tracy Hillard

P.O. #:

Address: 3122 National Parks Hwy

Company: XTO Energy Inc.

City: Carlsbad

State: NM Zip: 88220

Attn: Amy Ruth - Colton Brown

Phone #: 575 937 3906

Fax #:

Address: 3104 E Green St

Project #: 0315508 450

Project Owner: XTO

City: Carlsbad

Project Name: PLU Big Sinks 02-25-30 State Battery

State: NM Zip: 88220

Project Location: ~~3122 National Parks Hwy~~ 32151949, 103, 899368

Phone #:

Sampler Name: Joshua Boxley

Fax #:

FOR LAB USE ONLY

MATRIX

PRESERV

SAMPLING

Lab I.D.

Depth (feet)

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER:
ACID/BASE:
ICE / COOL
OTHER:

Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	ANALYSIS REQUEST
H250352 1 F501	8'	C	1			X							11.3.25	1415	Chloride
2 F502	8'	C	1			X							11.5.25	0920	TPH
3 F503	4'	C	1			X							1020	1020	BTEX
4 F504	7'	C	1			X							1030	1030	
5 F505	4'	C	1			X							11.5.25	1050	
6 F506	4'	C	1			X									

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Relinquished By: [Signature]
Date: 1-10-25
Time: 1339
Received By: [Signature]
Date: [Blank]
Time: [Blank]

Delivered By: (Circle One)
Observed Temp.: 1.9°C
Corrected Temp.: 1.8°C
Sample Condition: Cool Intact Yes No
Checked By: [Signature]
Turnaround Time: Standard Rush
Thermometer ID: 484
Correction Factor: 0.05°C
Bacteria (only) Sample Condition: Cool Intact Yes No
Corrected Temp.: [Blank]

REMARKS: APP 2419252577
Cost Center: 1140511001
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name: Ensolum, LLC

Project Manager: Tracy Hillard

Address: 3122 National Parks Hwy

City: Carlsbad

Phone #: 575-937-3906

Project #: 0501558459

Project Name: PLU Big Sinks 02-25-20 State Battery

Project Location: 32.151949, -103.449368

Sampler Name: Joshua Baskley

BILL TO

P.O. #:

Company: XTO Energy Inc.

Attn: Amy Ruth-Gilson Brown

Address: 3104 E Green St

City: Carlsbad

State: NM Zip: 88220

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H250258	7 SW01	0-4'	C	1								11/9/25	1040	Chloride
	8 SW02	0-4'	C	1								1055	1115	TPH
	9 SW03	0-4'	C	1								1200	1225	BTEX
	10 SW04	4-8'	C	1								11/4/25	1225	
	11 SW05	4-8'	C	1								11/5/25	1100	
	12 SW06	4-8'	C	1										

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Relinquished By: [Signature]

Date: 11/08/25

Time: 1:33p

Received By: [Signature]

Date: 11/08/25

Time: 1:33p

Received By: [Signature]

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Observed Temp. °C: 19.2

Corrected Temp. °C: 1.8

Sample Condition Cool Intact

Checked By: [Signature]

Turnaround Time: Standard

Thermometer ID: 494

Correction Factor: 0.0

Bacteria (only) Sample Condition Cool Intact

Corrected Temp. °C

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

REMARKS: Hillard @ensolum.com, TMorrissey@ensolum.com, kthomason@ensolum.com
Incident: WTR 2419252577
Cost Center: 1140511001



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Tracy Hillard
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 Phone #: 575 937 5900 Fax #: _____
 Project #: 0301558459 Project Owner: XTO
 Project Name: PLU Bgsinks 02-25-30 State Battery
 Project Location: 32.15849, -103.849368
 Sampler Name: Joshua Boxley
 P.O. #: _____
 Company: XTO Energy Inc
 Attn: Colton Brown
 Address: 3104 E Green St
 City: Carlsbad State: NM Zip: 88220
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	TPH	BTEX	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						ACID/BASE:
HS0405	SW04	4-8		1								1/24/25	1330	X	X	X
<i>(A large blue diagonal line is drawn across the table.)</i>																

PLEASE NOTE: Liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]*
 Date: 1/21/25
 Time: 1144
 Received By: *[Signature]*
 Date: _____
 Time: _____

Delivered By: (Circle One) Observed Temp. °C: 30. Corrected Temp. °C: 24
 Sample Condition: Cool Intact Yes No
 Checked By: *[Signature]*
 Turnaround Time: *[Signature]*
 Incident: *[Signature]*
 Cost Center: *[Signature]*
 Bacteria (only) Sample Condition: Cool Intact Yes No
 Corrected Temp. °C: _____

FORM-006 R.3.2 10/07/21 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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 01 0.5' (H245369-01)

BTEX 8021B		mg/kg		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 224 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Tracy Hillard
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 Phone #: 337 257-8307 Fax #:
 Project #: 03C1558459 Project Owner: XTO
 Project Name: PLU Big Sinks 02-25-30 State Battery
 Project Location:
 Sampler Name: Connor Whitman
 P.O. #:
 Company: XTO Energy Inc.
 Attn: Amy Ruth
 Address: 3104 E. Green St.
 City: Carlsbad
 State: NM Zip: 88220
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	CHLORIDE	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						ACID/BASE:
H245369	1	5501	0.5	G	1							8-30	930			
	2	5502											935			
	3	5503											940			
	4	5504											945			
	5	5505											950			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *AK* Date: 8-5-24
 Received By: *AParker* Date: 8-5-24
 Time: 1440
 Delivered By: (Circle One) Observed Temp. °C: 3.3
 Sampler - UPS - Bus - Other: Corrected Temp. °C: 2.0
 Sample Condition: Cool Intact Yes No
 CHECKED BY: (Initials) *AP*
 Turnaround Time: *9:524* Standard Rush
 Thermometer ID #43 *2024*
 Correction Factor: *0.5*°C
 Bacteria (only) Sample Condition: Cool Intact Yes No
 Observed Temp. °C:
 Corrected Temp. °C:
 REMARKS: Cost Center: 1140511001 Incident ID: NAPP2419252577
 Please send copy of signed COC to: cwhitman@ensolum.com
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address: bbell@ensolum.com, TMorrissey@ensolum.com, THillard@ensolum.com

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



APPENDIX E

Disposal Manifests



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: XTO-Ken Ketz
 (Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: _____

MANIFEST #
0377540

Part 1 - Generator

COMPANY NAME: XTO-pro Rel U3C1558459
 LEASE: Incent. UAPP2419252577
 AFE #: CC1140511001 API: 601 UAPP2123047011
 RIG NAME: PLUBS0225-305-Rig WELL #: _____
 STATE & COUNTY ORIGIN: Eddy

DATE: 1/10/25
 PHONE: _____
 QUANTITY: 20 BBLs YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY) <input type="checkbox"/> Water Based Cuttings (WET) <input type="checkbox"/> Oil Based Cuttings (DRY) <input type="checkbox"/> Oil Based Cuttings (WET) <input type="checkbox"/> Oil Base Mud <input type="checkbox"/> Water Base Mud <input type="checkbox"/> Rig Trash <input type="checkbox"/> Pit Liners <input type="checkbox"/> Other: _____	<input type="checkbox"/> Contaminated Soil <input type="checkbox"/> Injectable Fluids <input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Produced Sands <input type="checkbox"/> Non-Injectable Fluids <input type="checkbox"/> Tank Bottoms
Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

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 _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sen Tex Mex YARD #: _____ WHP #: 8214 TRUCK #: 63
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0239
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
 DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior 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: Adrian Hines DRIVER'S SIGNATURE: Adrian Hines
 (Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 1/10/25 TIME IN: 1:55 AM/PM AM PM
 TIME OUT: _____ AM/PM

WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING:	PASS	FAIL	N/A
PAINT FILTER:	PASS	FAIL	N/A
TCLP:	PASS	FAIL	N/A
TOX:	PASS	FAIL	N/A

NORM TESTING: (Less than 50 MCR)

H ₂ O S	Shake Out:		
	1	2	3
	<u>W/A</u>		

Gallon Test: _____

SERVICE NOTES:
 This is to certify that: _____ Employee (Printed Name) 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.

EMPLOYEE SIGNATURE: _____



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 Hertz
(Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: _____

MANIFEST #
0386831

Part 1 - Generator

COMPANY NAME: XTO 03C1538459 DATE: 1-10-25
 LEASE: PLUBS 02-25-30 ST BATTERY PHONE: _____
 AFE #: 2419252577 API: 1140511001
 RIG NAME: APP 2123047011 WELL #: 2-25-30
 STATE & COUNTY ORIGIN: Eddy ST BATTERY

QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY) <input type="checkbox"/> Water Based Cuttings (WET) <input type="checkbox"/> Oil Based Cuttings (DRY) <input type="checkbox"/> Oil Based Cuttings (WET) <input type="checkbox"/> Oil Base Mud <input type="checkbox"/> Water Base Mud <input type="checkbox"/> Rig Trash <input type="checkbox"/> Pit Liners <input type="checkbox"/> Other: _____	<input type="checkbox"/> Contaminated Soil <input type="checkbox"/> Injectable Fluids <input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Produced Sands <input type="checkbox"/> Non-Injectable Fluids <input type="checkbox"/> Tank Bottoms
Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

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 _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sent 10x mex YARD #: _____ WHP #: _____ TRUCK #: 61
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0231
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
 DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior 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: Libert Hanceh DRIVER'S SIGNATURE: [Signature]
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 1-10-25 TIME IN: 1:47 AM / PM
 TIME OUT: _____ AM / PM

WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING:	PAINT FILTER:	PASS	FAIL	N/A
TCLP:	PASS	FAIL	N/A	
TOX:	PASS	FAIL	N/A	

NORM TESTING: [Signature]
(Less than 50 MCR)

Shake Out:		
1	2	3
H ₂ O	<u>[Signature]</u>	
S		

Gallon Test: _____

SERVICE NOTES:
 This is to certify that: _____ Employee (Printed Name) _____ 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.

EMPLOYEE SIGNATURE: [Signature]



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 Ratz
 (Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: _____

MANIFEST #
 0367255

Part 1 - Generator

COMPANY NAME: XTO DATE: 1-10-25
 LEASE: PLV BS 02-25-30 St. Anthony PHONE: _____
 AFE #: Reg # 30558459 API: _____
 RIG NAME: NAP 2419252577 WELL #: APP 2123047011
 STATE & COUNTY ORIGIN: CC: 1140511001

QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Tank Bottoms
Authorize Washout?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

- 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 _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sentex Mex YARD #: _____ WHP #: _____ TRUCK #: 03
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 527
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
 DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior 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: Cornelio Rengel DRIVER'S SIGNATURE: _____
 (Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): _____ DATE: 1/10/25 TIME IN: 1:37 AM/PM
 Northern Delaware Basin Landfill TIME OUT: _____ AM/PM
 2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING:	PAINT FILTER:	PASS	FAIL	N/A
	TCLP:	PASS	FAIL	N/A
	TOX:	PASS	FAIL	N/A

NORM TESTING:
P
 (Less than 50 MCR)

Shake Out:		
1	2	3
<u>295985</u>		
H ₂ O		
S		

Gallon Test: _____

SERVICE NOTES:
 This is to certify that: _____ Employee (Printed Name) 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.

EMPLOYEE SIGNATURE: _____



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Kent Retz

Phone No. _____

GENERATOR

NO. HW-696608

Generator Manifest # _____
Generator Name XTO
Address Cast Center 1140 511001
City, State, Zip _____
Phone No. _____

Location of Origin PLU Big Sinks 02-29-30 Sp
Lease/Well Name & No. Project: 03C1558459
County Incident: NAPP 2419 25 25 77
API No. EAPP 2123047011
Rig Name & No. LAT/Long 32-151475-103-849340
AFE/PO No. Release Date 7-8-24

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____
Waste Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____
Produced Formation Solids	<u>✓</u>	Gathering Line Water/Waste (Non-Injectable)	<u>Hydro Vac</u>
Tank Bottoms	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES <u>○</u> NO _____
Gas Plant Waste	_____	QUANTITY	TOP SOIL CALICHE

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 10 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field 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)
- MSDS Information RCRA Hazardous Waste Analysis 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 the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name Sem Tex Met
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Franz Harder
Print Name _____
Phone No. _____
Truck No. 30

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 12-16-24 DRIVER'S SIGNATURE _____ DELIVERY DATE 12-16-24 DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 18 W10

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES ○ NO ○ If YES, was reading > 50 micro roentgens? (Circle One) YES ○ NO ○
PASS THE PAINT FILTER TEST? (Circle One) YES ○ NO ○

TANK BOTTOMS

Feet	Inches	BS&W/BBLs Received	BS&W (%)
_____	_____	Free Water	_____
_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED ○ DENIED ○ If denied, why? HP
NAME (PRINT) Alexandra P DATE 12/16/24 TITLE HP SIGNATURE _____

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

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



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: _____
 (Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: _____

MANIFEST #
 0367254

Part 1 - Generator

COMPANY NAME: ATOPUS 02-25-2021 Battery
 LEASE: Incident Napp 2914252577
 AFE #: Project 0212047 API: 02140211001
 RIG NAME: Facility's Napp 212507 WELL #: _____
 STATE & COUNTY ORIGIN: Leo N.M.

DATE: _____
 PHONE: _____
 QUANTITY: 20 BBLs YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

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: Kerr Ritz Date: _____ Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Semi Tex Mex YARD #: _____ WHP #: _____ TRUCK #: 58
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN #: _____ TRAILER #: 299
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
 DISPATCHER NAME: Willy Wieler DISPATCHER PHONE #: 321 204 0051

The following statement must be signed by the truck driver prior 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: Gustavo Ruiz DRIVER'S SIGNATURE: [Signature]
 (Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 11/10/25 TIME IN: _____ AM / PM
 TIME OUT: _____ AM / PM

WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
 TCLP: PASS FAIL N/A
 TOX: PASS FAIL N/A

NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3

H₂O S _____ Gallon Test: _____

SERVICE NOTES:
 This is to certify that: [Signature] Employee (Printed Name) 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.

EMPLOYEE SIGNATURE: _____



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 Betz
 (Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: _____

MANIFEST #
0361866

Part 1 - Generator

COMPANY NAME: XTO 0361558459 DATE: 1-10-25
 LEASE: PLVBS 02-25-30 PHONE: _____
 AFE #: VAPP 2419252577 API: FAPP 2123047011
 RIG NAME: 1140511001 WELL #: _____
 STATE & COUNTY ORIGIN: Eddy

QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY) <input type="checkbox"/> Water Based Cuttings (WET) <input type="checkbox"/> Oil Based Cuttings (DRY) <input type="checkbox"/> Oil Based Cuttings (WET) <input type="checkbox"/> Oil Base Mud <input type="checkbox"/> Water Base Mud <input type="checkbox"/> Rig Trash <input type="checkbox"/> Pit Liners <input type="checkbox"/> Other: _____	<input type="checkbox"/> Contaminated Soil <input type="checkbox"/> Injectable Fluids <input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Produced Sands <input type="checkbox"/> Non-Injectable Fluids <input type="checkbox"/> Tank Bottoms
Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

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 _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: SenTex Mex YARD #: _____ WHP #: _____ TRUCK #: 62
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM DISPATCHER NAME: Willy Wilker DISPATCHER PHONE #: 4322090851

The following statement must be signed by the truck driver prior 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: Tad Curry DRIVER'S SIGNATURE: _____
 (Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 1/10/25 TIME IN: 3:47 AM / PM
 TIME OUT: _____ AM / PM

WASHOUT BY: _____
 WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM TESTING: _____
 TCLP: PASS FAIL N/A (Less than 50 MCR)
 TOX: PASS FAIL N/A

SERVICE NOTES: This is to certify that: _____ Employee (Printed Name)
 EMPLOYEE SIGNATURE: _____

Shake Out:

1	2	3

 H₂O S

Gallon Test: _____

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.



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: Kemp Retz
 (Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: _____

MANIFEST #
 0355424

Part 1 - Generator

COMPANY NAME: XTO
 LEASE: PLU BS 09-25-30 St Battery
 AFE #: 0201558459 API: 2419252577
 RIG NAME: 1140511001 WELL #: 2123047011
 STATE & COUNTY ORIGIN: _____

DATE: 1 24 25
 PHONE: _____
 QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY) <input type="checkbox"/> Water Based Cuttings (WET) <input type="checkbox"/> Oil Based Cuttings (DRY) <input type="checkbox"/> Oil Based Cuttings (WET) <input type="checkbox"/> Oil Base Mud <input type="checkbox"/> Water Base Mud <input type="checkbox"/> Rig Trash <input type="checkbox"/> Pit Liners <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Contaminated Soil <input type="checkbox"/> Injectable Fluids <input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Produced Sands <input type="checkbox"/> Non-Injectable Fluids <input type="checkbox"/> Tank Bottoms
Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

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 Willy Wietler Date _____ Signature 422 909 0851

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sem Tex Mex YARD #: 20 WHP #: _____ TRUCK #: 102
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN #: _____ TRAILER #: _____
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
 DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior 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: Peter Thiessen DRIVER'S SIGNATURE: Peter Thiessen
 (Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 1/24/25 TIME IN: 4:00 AM/PM
 TIME OUT: _____ AM/PM

WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING:	PASS	FAIL	N/A
TCLP:	PASS	FAIL	N/A
TOX:	PASS	FAIL	N/A

NORM TESTING: _____
 (Less than 50 MCR)

H ₂ O S	Shake Out:		
	1	2	3

Gallon Test: _____

SERVICE NOTES:
 This is to certify that: _____ Employee (Printed Name)
 _____ 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.

EMPLOYEE SIGNATURE: _____



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 Reitz
 (Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: _____

MANIFEST #
0361865

COMPANY NAME: XTO 03C1558459
 LEASE: PLVBS 02-25-30
 AFE #: CVAPP 2419252577 Facility API: APP 2123047011
 RIG NAME: 1140511001 WELL #: _____
 STATE & COUNTY ORIGIN: Eddy

DATE: 1-10-25
 PHONE: _____
 QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY) <input type="checkbox"/> Water Based Cuttings (WET) <input type="checkbox"/> Oil Based Cuttings (DRY) <input type="checkbox"/> Oil Based Cuttings (WET) <input type="checkbox"/> Oil Base Mud <input type="checkbox"/> Water Base Mud <input type="checkbox"/> Rig Trash <input type="checkbox"/> Pit Liners <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Contaminated Soil <input type="checkbox"/> Injectable Fluids <input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Produced Sands <input type="checkbox"/> Non-Injectable Fluids <input type="checkbox"/> Tank Bottoms
Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

- 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

COMPANY NAME: Sen Tex Mex YARD #: _____ WHP #: _____ TRUCK #: 62
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
 DISPATCHER NAME: Willy Wilker DISPATCHER PHONE #: 4322090851

The following statement must be signed by the truck driver prior 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: Tad Curry DRIVER'S SIGNATURE: _____
 (Driver's Name Printed)

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 LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):
 Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252
 DATE: 1/10/25 TIME IN: 1:52 AM/PM
 TIME OUT: _____ AM/PM
 WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
 TCLP: PASS FAIL N/A
 TOX: PASS FAIL N/A

NORM TESTING:
 (Less than 50 MCR)

H ₂ O S	Shake Out:		
	1	2	3

295991
 Gallon Test: _____

SERVICE NOTES:
 This is to certify that: _____ Employee (Printed Name)
 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.

EMPLOYEE SIGNATURE: _____

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



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: _____

MANIFEST #

0361868

COMPANY NAME: XTO 030155 8459

DATE: 1-14-25

LEASE: PLU 02-25-30

PHONE: _____

APE #: NAPP 2419252577 ^{Facility} API: PP 2123047011

QUANTITY: _____ BBLs
20 YARDS

RIG NAME: 1140511011 WELL #: _____

STATE & COUNTY ORIGIN: Eddy

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

- 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

COMPANY NAME: Sen Tex Mex YARD #: _____ WHP #: _____ TRUCK #: 62

ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____

DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
DISPATCHER NAME: Willy Willer DISPATCHER PHONE #: 4322090851

The following statement must be signed by the truck driver prior 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: Tad Curry DRIVER'S SIGNATURE: [Signature]

(Driver's Name Printed)

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 LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): _____ DATE: 1/14/25 TIME IN: 3:25 AM / PM

Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A

NORM TESTING: [Signature]
(Less than 50 MCR)

Shake Out:		
1	2	3

290824
Gallon Test: _____

SERVICE NOTES: This is to certify that: _____ Employee (Printed Name) 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.

EMPLOYEE SIGNATURE: _____

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



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: Ken Rott
(Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: _____

MANIFEST #
 0386832

Part 1 - Generator

COMPANY NAME: XTD 0261558459
 LEASE: Phu BS 02-25-30 ST BATHUY
 AFE #: 2419252577 API: 1140511001
 RIG NAME: PAP 2123047011 WELL #: 2-25-30
 STATE & COUNTY ORIGIN: Lubbock TX

DATE: 1-14-25
 PHONE: _____
 QUANTITY: _____ BBLs
 _____ YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Non-Injectable Fluids
		<input type="checkbox"/> Tank Bottoms
		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

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 _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sent Tex Mex YARD #: _____ WHP #: _____ TRUCK #: 101
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN #: _____ TRAILER #: 0227
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
 DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior 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: Leibert Harrell DRIVER'S SIGNATURE: [Signature]
(Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 1-14-25 TIME IN: 3:50 AM / PM
 TIME OUT: _____ AM / PM

WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING:	PAIN FILTER:	PASS	FAIL	N/A
	TCLP:	PASS	FAIL	N/A
	TOX:	PASS	FAIL	N/A

NORM TESTING: P
(Less than 50 MCR)

Shake Out:		
1	2	3
<u>N/A</u>		
H ₂ O		
S		

Gallon Test: _____

SERVICE NOTES:
 This is to certify that: _____ Employee (Printed Name)
 EMPLOYEE SIGNATURE: [Signature]
 _____ 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.



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: _____

MANIFEST #
0383403

Part 1 - Generator

COMPANY NAME: XTO
LEASE: PLUB01-25-30ST Battery
AFE #: Project: 03C1558459 API: CC: 1140511001
RIG NAME: Ident: NAPP2419252877 WELL #: _____
STATE & COUNTY ORIGIN: Facility: FAPP2123047011

DATE: 1-15-25
PHONE: _____
QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Other: _____		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

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 _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sentex Mex YARD #: _____ WHP #: _____ TRUCK #: 39
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0304
DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
DISPATCHER NAME: Willy Wieler DISPATCHER PHONE #: 932-209-0851

The following statement must be signed by the truck driver prior 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: Corny Reimer DRIVER'S SIGNATURE: Corny Reimer
(Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):
 Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 1/15/25 TIME IN: 11:46 AM/PM
TIME OUT: _____ AM/PM

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A

NORM TESTING: 5
(Less than 50 MCR)

Shake Out:

1	2	3

297003
Gallon Test: _____

SERVICE NOTES:
This is to certify that: _____ Employee (Printed Name)
EMPLOYEE SIGNATURE: _____

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.



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: _____

MANIFEST #
0383404

Part 1 - Generator

COMPANY NAME: X T O
LEASE: PLUBS02-25-305T Battery
AFE #: Project: 03C1558459 API: CC:1140511001
RIG NAME: Acident: NAPP21419259577 WELL #: _____
STATE & COUNTY ORIGIN: Facility: FAPP2123097011

DATE: _____
PHONE: _____
QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

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)

- 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 _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sentex Mex YARD #: _____ WHP #: _____ TRUCK #: 39
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0304
DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
DISPATCHER NAME: Willy Wiedler DISPATCHER PHONE #: 432-209-0851

The following statement must be signed by the truck driver prior 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: Corny Reimer DRIVER'S SIGNATURE: [Signature]
(Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 11-25 TIME IN: [Signature] AM / PM
TIME OUT: _____ AM / PM

ACCEPTANCE TESTING:	PAIN FILTER:	PASS	FAIL	N/A
	TCLP:	PASS	FAIL	N/A
	TOX:	PASS	FAIL	N/A

WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: 28

NORM TESTING: (Less than 50 MCR)

Shake Out:		
1	2	3
<u>[Signature]</u>		
H ₂ O		
S		

Gallon Test: _____

SERVICE NOTES:
This is to certify that: _____ Employee (Printed Name) 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.
EMPLOYEE SIGNATURE: [Signature]



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 Reitz
(Authorized Agent's Printed Name and Title)
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0383405

Part 1 - Generator

COMPANY NAME: XTO
LEASE: PLUBS02-25-305T Battery
AFE # Project: 03C1558459 API: CC: 1140511001
RIG NAME: Acident: NAPP2419252577 WELL #: _____
STATE & COUNTY ORIGIN: Facility: FAPP2123047011

DATE: _____
PHONE: _____
QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

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)

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 _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sentex Mex YARD #: _____ WHP #: _____ TRUCK #: 39
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0304
DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
DISPATCHER NAME: Wilky Winder DISPATCHER PHONE #: 432-209-0851

The following statement must be signed by the truck driver prior 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: Corny Reimer DRIVER'S SIGNATURE: [Signature]
(Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 11/15/25 TIME IN: 3:05 AM / PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: [Signature] (Less than 50 MCR)
Shake Out: 297063
H₂O S:

Gallon Test: _____
SERVICE NOTES: This is to certify that: _____ Employee (Printed Name) _____ 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.
EMPLOYEE SIGNATURE: _____



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 Rotz
 (Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: _____

MANIFEST #
0383402

Part 1 - Generator

COMPANY NAME: XTO
 LEASE: PLUB302-25-305E Battery
 AFE #: Project: 03C1553459 API: CC: 1140511001
 RIG NAME: Acident: NAPP2419252577 WELL #: _____
 STATE & COUNTY ORIGIN: Facility: FAPP2123047011

DATE: 4-14-25
 PHONE: _____
 QUANTITY: _____ BBLS
20 YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY) <input type="checkbox"/> Water Based Cuttings (WET) <input type="checkbox"/> Oil Based Cuttings (DRY) <input type="checkbox"/> Oil Based Cuttings (WET) <input type="checkbox"/> Oil Base Mud <input type="checkbox"/> Water Base Mud <input type="checkbox"/> Rig Trash <input type="checkbox"/> Pit Liners <input type="checkbox"/> Other: _____	<input type="checkbox"/> Contaminated Soil <input type="checkbox"/> Injectable Fluids <input type="checkbox"/> Muds w/Cement	<input type="checkbox"/> Produced Sands <input type="checkbox"/> Non-Injectable Fluids <input type="checkbox"/> Tank Bottoms
Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)

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 _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Sen Tex Mex YARD #: _____ WHP #: _____ TRUCK #: 39
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 0304
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM DISPATCHER NAME: Willy Wieler DISPATCHER PHONE #: 432-209-0851
 PM

The following statement must be signed by the truck driver prior 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: Conny Reimer DRIVER'S SIGNATURE: Conny Reimer
 (Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 4/14/25 TIME IN: 3:21 AM / PM
 TIME OUT: _____ AM / PM

WASHOUT BY: _____
 WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A	NORM TESTING: <u>12</u> (Less than 50 MCR)	Shake Out:		
TCLP: PASS FAIL N/A		1	2	3
TOX: PASS FAIL N/A		H ₂ O		
SERVICE NOTES: _____		S		

Gallon Test: _____

This is to certify that: _____ Employee (Printed Name)
 EMPLOYEE SIGNATURE: _____

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.



APPENDIX F

NMOCD Correspondence



(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 Dirx, Kaylan <kaylan.dirx@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>

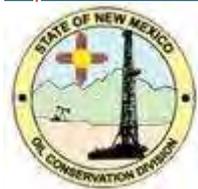
[**EXTERNAL EMAIL**]

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 <colton.s.brown@exxonmobil.com>
Sent: Monday, December 30, 2024 2:29 PM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Dirx, Kaylan <kaylan.dirx@exxonmobil.com>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Tracy Hillard <thillard@ensolum.com>; Kim Thomason <kthomason@ensolum.com>; Woodall, Robert D <robert.d.woodall@exxonmobil.com>; McAfee, Ashley A <ashley.a.mcafee@exxonmobil.com>; Smith, Kailee /C <kailee.smith@exxonmobil.com>
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

-

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 441584

QUESTIONS

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

Prerequisites	
Incident ID (n#)	nAPP2419252577
Incident Name	NAPP2419252577 PLU BIG SINKS 02-25-30 STATE BATTERY @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123047011] BIG SINKS 2 25 30

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

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>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.</i>	
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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QUESTIONS, Page 2

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

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	<i>Unavailable.</i>
<i>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.</i>	

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	<i>Not answered.</i>

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

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Santa Fe, NM 87505

QUESTIONS, Page 3

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

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 and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	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 efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	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 time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

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 the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [JEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

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

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QUESTIONS, Page 5

Action 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

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

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

General Information
Phone: (505) 629-6116

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State of New Mexico
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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 6

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

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	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Robert Woodall Title: Environmental Analyst Email: robert.d.woodall@exxonmobil.com Date: 03/12/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

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

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

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CONDITIONS

Action 441584

CONDITIONS

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)

CONDITIONS

Created By	Condition	Condition Date
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