



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.

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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

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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.

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## RECLAMATION PLAN

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

Species/Cultivar	PLS/Acre
Sand lovegrass ( <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](mailto:tmorrissey@ensolum.com).

Sincerely,  
**Ensolum, LLC**

A handwritten signature in black ink, appearing to read "Tracy Hillard".

Tracy Hillard  
Project Engineer

A handwritten signature in black ink, appearing to read "Morrissey".

Tacoma Morrissey  
Associate Principal

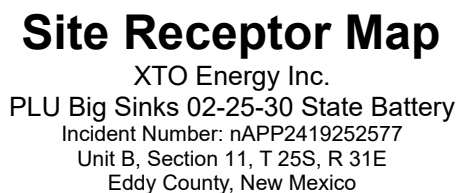
cc: Colton Brown, XTO  
Kaylan Dirkx, XTO  
Bureau of Land Management

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



**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

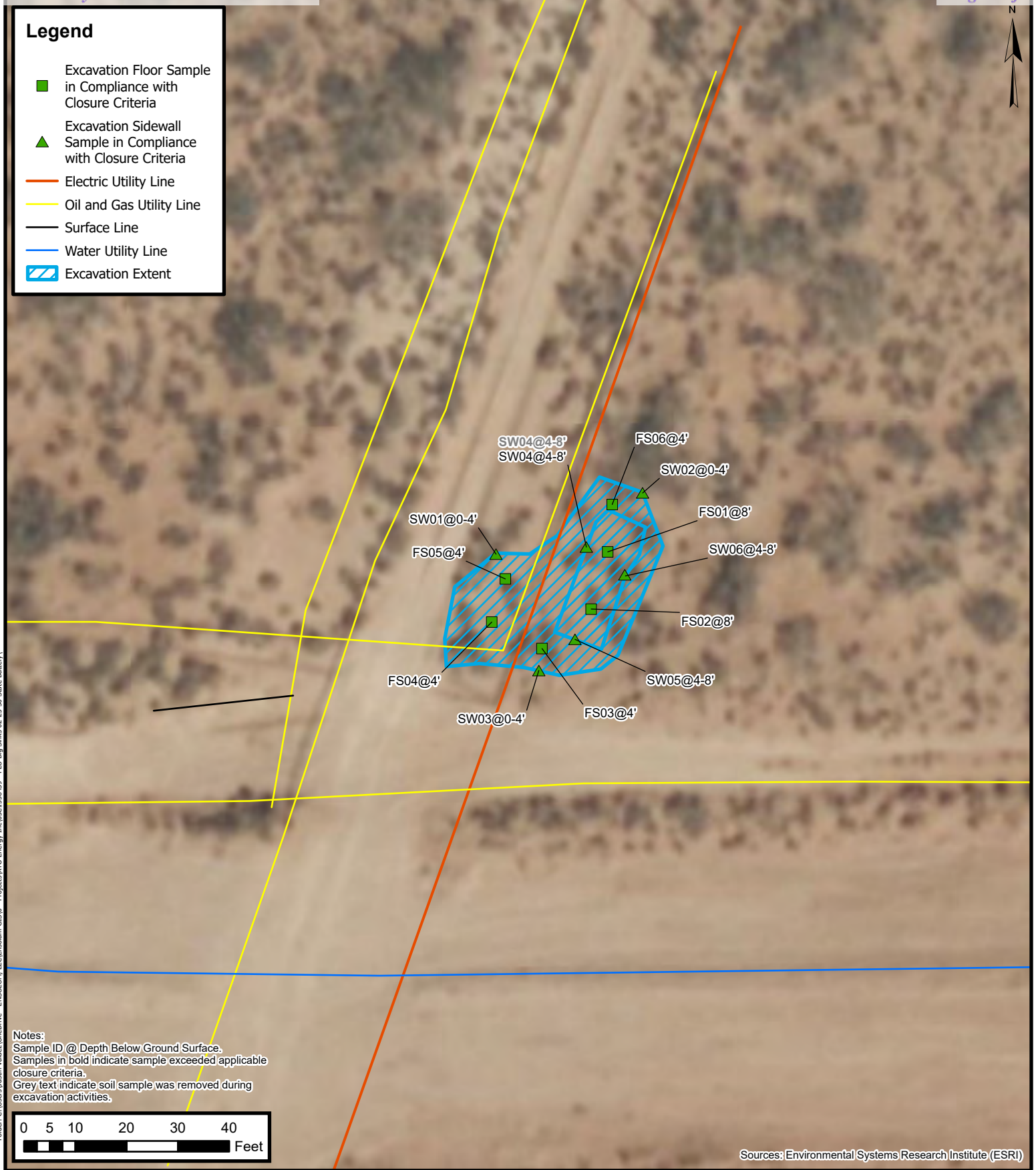


## Delineation Soil Sample Locations

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**





## 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)
NMOCD 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	29.4	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

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities



## APPENDIX A

### Referenced Well Records

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USGS Home  
Contact USGS  
Search USGS

National Water Information System: Web Interface


USGS Water Resources

Data Category:  
Groundwater

Geographic Area:  
United States

GO

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- 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

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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.

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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

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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	

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well		NMNM 071016X
<input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		Poker Lake Unit #347H
XTO Permian Operating LLC		9. API Well No.
3a. Address		30-015-38668
3104 E Greene Street	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
Carlsbad, NM 88220	(432) 661-0571	Poker Lake
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State
32.1510, -103.8556; Unit C, Section 11, T25S, R30E		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 detennined 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	

<b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
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



1:594  
0 0 0.01 0.02 mi  
0 0.01 0.01 0.02 km

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



## APPENDIX C

### Photographic Log

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**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



**Photographic Log**

XTO Energy, Inc.

PLU Big Sinks 2-25-30 State Battery

nAPP2419252577



Photograph: 5                      Date: 12/18/2024  
 Description: Excavation activities  
 View: North



Photograph: 6                      Date: 1/8/2025  
 Description: Excavation activities  
 View: Southwest



Photograph: 7                      Date: 1/15/2025  
 Description: Final excavation extent  
 View: West



Photograph: 8                      Date: 2/17/2025  
 Description: Backfilled excavation extent  
 View: East



## APPENDIX D

### Laboratory Analytical Reports & Chain of Custody Documentation

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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](http://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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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)**

BTX 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 BTX	<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, 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*	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

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 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, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/17/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 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 05 4' (H250252-05)**

BTX 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 BTX	<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, SM4500Cl-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

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:	01/14/2025
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, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/17/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:	01/14/2025
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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\*=Accredited Analyte

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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, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/17/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	238	10.0	01/17/2025	ND	180	90.2	200	1.83	
EXT DRO >C28-C36	29.1	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 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 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, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/17/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	182	91.0	200	1.33	
DRO >C10-C28*	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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\*=Accredited Analyte

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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:	01/15/2025
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, SM4500Cl-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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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



---

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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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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



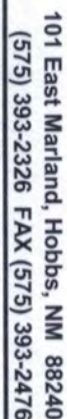
101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

+ Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

222

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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](http://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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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)**

BTX 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 BTX	<0.300	0.300	01/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/28/2025	ND	416	104	400	0.00	

TPH 8015M	mg/kg		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





---

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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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A handwritten signature in black ink, appearing to read "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

Company Name: Ensolum, LLC

## BILL TO

## ANALYSIS REQUEST

Project Manager: Tracy Wilford

P.O. #:

Address: 3122 National Parks Hwy

Company: XTO Energy Inc

City: Carlsbad

State: NM Zip: 88220

Attn: Colton Brown

Phone #: 575 937 3900

Fax #:

Address: 3104 E Green St

Project #: 0301558459

Project Owner: XTO

City: Carlsbad

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

State: NM Zip: 88220

Project Location: 32.15849, -103.849368

Phone #:

Sample Name: Joshua Boxley

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Depth  
(feet)

HS0405

4-8

4-8

C1

GROUNDWATER

WASTEWATER

SOIL

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SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

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

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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](http://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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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	
<b>Toluene*</b>	<b>0.278</b>	0.050	09/09/2024	ND	1.78	89.2	2.00	14.0	GC-NC1
<b>Ethylbenzene*</b>	<b>0.427</b>	0.050	09/09/2024	ND	1.85	92.6	2.00	14.7	GC-NC1
<b>Total Xylenes*</b>	<b>8.87</b>	0.150	09/09/2024	ND	5.68	94.7	6.00	15.8	
<b>Total BTEx</b>	<b>9.58</b>	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
<b>Chloride</b>	<b>3280</b>	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
<b>GRO C6-C10*</b>	<b>230</b>	50.0	09/09/2024	ND	194	97.1	200	2.33	
<b>DRO &gt;C10-C28*</b>	<b>10100</b>	50.0	09/09/2024	ND	192	96.1	200	1.46	
<b>EXT DRO &gt;C28-C36</b>	<b>1600</b>	50.0	09/09/2024	ND					

Surrogate: 1-Chlorooctane 142 % 48.2-134

Surrogate: 1-Chlorooctadecane 224 % 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 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, SM4500Cl-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

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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:	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, SM4500Cl-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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\*=Accredited Analyte

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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:	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, SM4500Cl-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

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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:	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)**

BTX 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 BTX	<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

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Celey D. Keene, Lab Director/Quality Manager

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### 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

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\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

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

<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>			
<b>Company Name:</b>	Ensolum, LLC			<b>P.O. #:</b>			
<b>Project Manager:</b>	Tracy Hillard			<b>Company:</b>	XTO Energy Inc.		
<b>Address:</b>	3122 National Parks Hwy			<b>Attn:</b>	Amy Ruth		
<b>City:</b>	Carlsbad			<b>State:</b>	NM	<b>Zip:</b>	88220
<b>Phone #:</b>	337 257-8307			<b>Fax #:</b>			
<b>Project #:</b>	03C1558459			<b>Project Owner:</b>	XTO	<b>City:</b>	Carlsbad
<b>Project Name:</b>	PLU Big Sinks 02-25-30 State Battery			<b>State:</b>	NM	<b>Zip:</b>	88220
<b>Project Location:</b>				<b>Phone #:</b>			
<b>Sampler Name:</b>	Connor Whitman			<b>Fax #:</b>			
FOR LAB USE ONLY				MATRIX	PRESERV.	SAMPLING	
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G) RAB OR (C) OMP. # CONTAINERS	GROUNDWATER <input type="checkbox"/>	WASTEWATER <input type="checkbox"/>	SOIL <input checked="" type="checkbox"/>	OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : <input type="checkbox"/>
H245369				ACID/BASE: <input type="checkbox"/>	ICE / COOL <input checked="" type="checkbox"/>	OTHER :	
				DATE	TIME	BTEX	TPH
1	\$5e1	0.5	G A	8-30-29	930		
2	\$5o2	I	A		935		
3	\$5os	I	A		940		
4	\$5o4	I	A		945		
5	\$5os	I	A		950		
<i>[Handwritten signature]</i>							

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<b>Relinquished By:</b>				<b>Date:</b> 8-5-24				<b>Received By:</b>				<b>Date:</b> 8-5-24			
<i>[Signature]</i>				<b>Time:</b> 1440				<i>[Signature]</i>				<b>Time:</b> 1440			
<b>Delivered By: (Circle One)</b>				<b>Observed Temp.: °C</b> 33.3c				<b>Cool Intact</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<b>CHECKED BY:</b> HP			
<b>Sampler - UPS - Bus - Other:</b>				<b>Corrected Temp.: °C</b> 2.0c				<b>Sample Condition</b> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<b>REMARKS:</b> Cost Center: 1140511001 Incident ID: MAPP2419252577			
Please send copy of signed COC to: cwhitman@ensolum.com															
<b>Turnaround Time:</b> Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Thermometer ID #43 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Factor .05°C Corrected Temp. °C															





## APPENDIX E

### Disposal Manifests

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**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 Letz  
(Authorized Agent's Printed Name and Title)

SIGNATURE: \_\_\_\_\_

COMPANY MAN EMAIL: \_\_\_\_\_

COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #****0377540**COMPANY NAME: XTO-pro Rel 03C1558459DATE: 1/10/25LEASE: Invent. NAPP2419252577

PHONE: \_\_\_\_\_

AFE #: CC 1140511001 API: 601 NAPP2123047011QUANTITY: 20 ☐ BBLsRIG NAME: PLUBS 0225-305-Rig WELL #: \_\_\_\_\_☐ YARDSSTATE & COUNTY ORIGIN: Eddy

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners☐ Other: \_\_\_\_\_Authorize Washout? ☐ Yes ☒ No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ 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 #: 8214TRUCK #: 63

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_

ROLL OFF BIN#: \_\_\_\_\_

TRAILER #: 0239

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

☐ PM

NAME: \_\_\_\_\_

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 HinesDRIVER'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****TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

DATE: 1/10/25TIME IN: 1:55

AM / PM

TIME OUT: \_\_\_\_\_

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:(Less than 50  
MCR)

Shake Out:

	1	2	3
H <sub>2</sub> O			
S			

295992

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_

Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator



**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 #****0386831**COMPANY NAME: XTO D3C1538459DATE: 1-10-25LEASE: PLUBS 02-25-30 St Battery

PHONE: \_\_\_\_\_

AFE #: 2419252577API: 1140511001RIG NAME: APP 2123047011WELL #: 2-25-30QUANTITY: 20☐ BBLs☐ YARDSSTATE & COUNTY ORIGIN: Eddy

Waste Description (check only one box)



RCRA Exempt



RCRA Non-Exempt

☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☐ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ 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 \_\_\_\_\_

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**COMPANY NAME: Scm 10x mex

YARD #: \_\_\_\_\_

WHP #: \_\_\_\_\_

TRUCK #: 61

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_

ROLL OFF BIN#: \_\_\_\_\_

TRAILER #: 0231

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

☐ PM

NAME: \_\_\_\_\_

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 HanceDRIVER'S SIGNATURE: Libert Hance

(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: 1-10-25TIME IN: 1:47

AM / PM

TIME OUT: \_\_\_\_\_

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: 2

(Less than 50

MCR)

Shake Out:

	1	2	3
H <sub>2</sub> O	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
S	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

295939

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_

Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: Libert Hance

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

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 Ratz  
(Authorized Agent's Printed Name and Title)

SIGNATURE: \_\_\_\_\_

COMPANY MAN EMAIL: \_\_\_\_\_

COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #****0367255**COMPANY NAME: XTODATE: 1-10-25LEASE: PLV BS 02-25-30 St. Portney

PHONE: \_\_\_\_\_

AFE #: Reg #030558459 API: \_\_\_\_\_QUANTITY: \_\_\_\_\_ ☐ BBLsRIG NAME: NAP 2419252577 WELL #: APP 212304701120 ☒ YARDSSTATE & COUNTY ORIGIN: CO: 1140511001

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit LinersAuthorize Washout? ☐ Yes ☒ No☐ 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 \_\_\_\_\_

**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

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

☐ PM

NAME: \_\_\_\_\_

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****TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

DATE: 1/10/25TIME IN: 1:37

AM/PM

TIME OUT: \_\_\_\_\_

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: \_\_\_\_\_

(Less than 50 MCR)

Shake Out:

1

2

3

H<sub>2</sub>O  
S

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_

Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Conv: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility





## NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Kent Retz

Phone No. \_\_\_\_\_

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

## GENERATOR

NO. HW-696608

Generator Manifest # \_\_\_\_\_

Generator Name XTOAddress East Center 1140 511001

City, State, Zip \_\_\_\_\_

Phone No. \_\_\_\_\_

 Location of Origin PLU Big Sinks 02-29-30 SPM  
 Lease/Well Project: 03C1558459  
 Name & No. Incident: NAPP 3419352577  
 County EAPP 3123047011  
 API No. Lat/Long 32.151478-103.849340  
 Rig Name & No. Release Date 7-8-24  
 AFE/PO No. \_\_\_\_\_

## EXEMPT E&amp;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	✓	Gathering Line Water/Waste (Non-Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES NO QUANTITY TOP SOIL CALICHE
Gas Plant Waste	_____		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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

All non-exempt E&amp;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 12-16-24DRIVER'S SIGNATURE [Signature]DELIVERY DATE 12-16-24DRIVER'S SIGNATURE [Signature]

## TRUCK TIME STAMP

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

## DISPOSAL FACILITY

## RECEIVING AREA

Name/No. 18 W10
 Site Name/ Halfway Facility / NM1-006  
 Permit No. 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220  
 Address \_\_\_\_\_
Phone No. 575-392-6368
 NORM READINGS TAKEN? (Circle One) YES ☒ NO ☐  
 PASS THE PAINT FILTER TEST? (Circle One) YES ☒ NO ☐
If YES, was reading > 50 micro roentgens? (Circle One) YES ☐ NO ☐

## TANK BOTTOMS

Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge	_____	Free Water	_____
2nd Gauge	_____	Total Received	_____
Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED 12/16/24 DENIED HPM If denied, why? HP

NAME (PRINT)

DATE

TITLE

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: \_\_\_\_\_  
(Authorized Agent's Printed Name and Title)

SIGNATURE: \_\_\_\_\_

COMPANY MAN EMAIL: \_\_\_\_\_

COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #****0367254**COMPANY NAME: ATOPLOS 02-25-2021 BakeryLEASE: Incident Napp 2914252577AFE #: Project 0212047 API: CC 140211001RIG NAME: Facility's Napp 2125077011 WELL #: Leo N.H.

STATE &amp; COUNTY ORIGIN: \_\_\_\_\_

DATE: \_\_\_\_\_

PHONE: \_\_\_\_\_

QUANTITY: 20 ☐ BBLs☐ YARDS

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☐ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners☐ Other: \_\_\_\_\_Authorize Washout? ☐ Yes ☐ No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ 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 Kent Ritz

Date \_\_\_\_\_

Signature \_\_\_\_\_

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**COMPANY NAME: Sent MexYARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 58

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_ ROLL OFF BIN #: \_\_\_\_\_ TRAILER #: 298DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AMDISPATCHER NAME: Willy Wieler DISPATCHER PHONE #: 31207-0051RECEIVED: \_\_\_\_\_ ☐ 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: Gustavo RuizDRIVER'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: 11/10/25 TIME IN: \_\_\_\_\_ AM / PM

TIME OUT: \_\_\_\_\_ 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:

(Less than 50 MCR)

Shake Out:

	1	2	3
H <sub>2</sub> O			
S			

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_  
Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

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 #**0361866COMPANY NAME: XTO 0361558459DATE: 1-10-25LEASE: PLUBS 02-25-30

PHONE: \_\_\_\_\_

AFE #: NAAP 249252577 API: FAAP 2123047011RIG NAME: 1140511001

WELL #: \_\_\_\_\_

QUANTITY: \_\_\_\_\_

☐ BBLs☒ YARDSSTATE & COUNTY ORIGIN: Edo

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☐ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ 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 \_\_\_\_\_

**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

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

☐ PMNAME: Willy WilkerPHONE #: 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: Ted Curry

(Driver's Name Printed)

DRIVER'S SIGNATURE: Ted Curry**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: 1/10/25TIME IN: 3:47

AM / PM

TIME OUT: \_\_\_\_\_

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: P(Less than 50  
MCR)

Shake Out:		
1	2	3

H<sub>2</sub>O  
S

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_

Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator



**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**COMPANY NAME: XTOLEASE: PLU BS 09-25-30 St BatteryAFE #: 0301558459 API: 2419252577RIG NAME: 1140511001 WELL #: 2123047011

STATE &amp; COUNTY ORIGIN: \_\_\_\_\_

DATE: 1 24 25

PHONE: \_\_\_\_\_

QUANTITY: \_\_\_\_\_ ☐ BBLS20 ☒ YARDS

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ 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 Willy Wietler Date \_\_\_\_\_ Signature 432 209 0851**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 \_\_\_\_\_ TIME \_\_\_\_\_ ☐ AM DISPATCHER \_\_\_\_\_  
RECEIVED: \_\_\_\_\_ RECEIVED: \_\_\_\_\_ ☐ PM NAME: \_\_\_\_\_ 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****TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

DATE: 1/24/25 TIME IN: 4:00 AM/PM ☒  
TIME OUT: \_\_\_\_\_ 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/ANORM  
TESTING:(Less than 50  
MCR)

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

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_  
Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator



**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 03C1558459DATE: 1-10-25LEASE: PLUBS 02-25-30

PHONE: \_\_\_\_\_

AFE #: YAPP 2419252577 Facility API: YAPP 2123047011RIG NAME: 1140511001 WELL #: \_\_\_\_\_

QUANTITY: \_\_\_\_\_

☐ BBLS☒ YARDSSTATE & COUNTY ORIGIN: Eddy

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ 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 \_\_\_\_\_

**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

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

☐ PMNAME: Willy WilkerPHONE #: 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 Name Printed)

DRIVER'S SIGNATURE: Tad Curry**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: 1/10/25TIME IN: 1:52

AM / PM

TIME OUT: \_\_\_\_\_

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:(Less than 50  
MCR)H<sub>2</sub>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 acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator



**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 03C155 8459DATE: 1-14-25LEASE: PLU 02-25-30

PHONE: \_\_\_\_\_

AFE #: NDPP 2419252577API: NDPP 2123047011RIG NAME: 1140511011

WELL #: \_\_\_\_\_

QUANTITY: \_\_\_\_\_

☐ BBLs☒ YARDSSTATE & COUNTY ORIGIN: Eddy

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☐ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ 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 \_\_\_\_\_

**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

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

☐ PMNAME: Willy WellerPHONE #: 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 Name Printed)

DRIVER'S SIGNATURE: Tad Curry**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: 1/14/25TIME IN: 3:25

AM / PM

TIME OUT: \_\_\_\_\_

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/ATCLP: PASS FAIL N/ATOX: PASS FAIL N/A

NORM

TESTING:

(Less than 50 MCR)

H<sub>2</sub>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 acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator



**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 H. H. H.  
(Authorized Agent's Printed Name and Title)

SIGNATURE: \_\_\_\_\_

COMPANY MAN EMAIL: \_\_\_\_\_

COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #****0386832**COMPANY NAME: XTD 0301558459DATE: 1-14-25LEASE: Phu BS 02-25-30 St Bathory

PHONE: \_\_\_\_\_

API #: 2419252577 API: 1140511001QUANTITY: \_\_\_\_\_ ☐ BBLsRIG NAME: APP 2123047011 WELL #: 2-25-3020 ☐ YARDSSTATE & COUNTY ORIGIN: Louisiana

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☐ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☐ No☐ 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 \_\_\_\_\_

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**COMPANY NAME: Sent rex mex

YARD #: \_\_\_\_\_

WHP #: \_\_\_\_\_

TRUCK #: 101

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_

ROLL OFF BIN #: \_\_\_\_\_

TRAILER #: 0227

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

☐ PM

NAME: \_\_\_\_\_

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 HarrellDRIVER'S SIGNATURE: Leibert Harrell

(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: 1-14-25TIME IN: 3:50

AM / PM

TIME OUT: \_\_\_\_\_

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: P

(Less than 50 MCR)

Shake Out:

1 2 3

H<sub>2</sub>O

S

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_

Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

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 #****0383403**COMPANY NAME: XTODATE: 1-15-25LEASE: PLUB01-25-30ST Battery

PHONE: \_\_\_\_\_

AFE #: Project: 03C1558459 API: CC: 1140511001QUANTITY: \_\_\_\_\_ ☐ BBLsRIG NAME: Incident: NAPP2419252877 WELL #: \_\_\_\_\_\_\_\_\_\_ 20 ☒ YARDSSTATE & COUNTY ORIGIN: Facility: FAPP2123047011

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ 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 \_\_\_\_\_

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**COMPANY NAME: Sentex MexYARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_ ROLL OFF BIN#: \_\_\_\_\_ TRAILER #: 0304DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AMDISPATCHER NAME: Willy Wier DISPATCHER PHONE #: 932-209-0851RECEIVED: \_\_\_\_\_ ☐ 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: Corny ReimerDRIVER'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****TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

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

TIME OUT: \_\_\_\_\_ 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:(Less than 50  
MCR)

Shake Out:

	1	2	3
H <sub>2</sub> O			
S			

297003

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_  
Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Generator Disposal Facility Yellow Transporter Disk Generator

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 #****0383404**COMPANY NAME: X T OLEASE: PLUBS02-25-305T BatteryAFE #: Project: 03C1558959 API: CC: 1140511001RIG NAME: Acident: NAPP21419259577 WELL #: \_\_\_\_\_STATE & COUNTY ORIGIN: Facility: FAPP2123097011

DATE: \_\_\_\_\_

PHONE: \_\_\_\_\_

QUANTITY: \_\_\_\_\_ ☐ BBLs\_\_\_\_\_ 20 ☒ YARDS

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners☐ Other: \_\_\_\_\_Authorize Washout? ☐ Yes ☒ No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ 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: Santex MexYARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_ ROLL OFF BIN #: \_\_\_\_\_ TRAILER #: 0304DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AM ☐ PMDISPATCHER NAME: Willy Wiedler DISPATCHER PHONE #: 931-209-0851

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 ReimerDRIVER'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****TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

DATE: 1-15-2025 TIME IN: 10:57 AM / PM

TIME OUT: \_\_\_\_\_ AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: \_\_\_\_\_

WASHOUT: \_\_\_\_\_ TIME IN: \_\_\_\_\_ TIME OUT: 28

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
H <sub>2</sub> O			
S			

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_ Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: Corny Reimer

White Car: Disposal Facility Yellow: Transporter Pink: Generator

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 Reitz  
(Authorized Agent's Printed Name and Title)

SIGNATURE: \_\_\_\_\_

COMPANY MAN EMAIL: \_\_\_\_\_

COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #****0383405**COMPANY NAME: XTO

DATE: \_\_\_\_\_

LEASE: PLUBS02-25-305T Battery

PHONE: \_\_\_\_\_

AFE # 03C1558459 API: CC:1140511001QUANTITY: \_\_\_\_\_ ☐ BBLsRIG NAME: Acident NAPP2419252577 WELL #: \_\_\_\_\_\_\_\_\_\_ ☒ YARDSSTATE & COUNTY ORIGIN: Facility: FAPP2123047011

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ 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 \_\_\_\_\_

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**COMPANY NAME: SenTex MexYARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_ ROLL OFF BIN #: \_\_\_\_\_ TRAILER #: 0304DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AMDISPATCHER NAME: Willy Winder 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: Corny ReimerDRIVER'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****TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

DATE: 11/15/25 TIME IN: 3:05 AM / PM

TIME OUT: \_\_\_\_\_ 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/ATCLP: PASS FAIL N/ATOX: PASS FAIL N/A**NORM TESTING:**

(Less than 50 MCR)

Shake Out:

H<sub>2</sub>O  
S

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 acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Group Disposal Facility Yellow Transporter Pink Generator

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 Rotz  
(Authorized Agent's Printed Name and Title)

SIGNATURE: \_\_\_\_\_

COMPANY MAN EMAIL: \_\_\_\_\_

COMPANY MAN PHONE: \_\_\_\_\_

**MANIFEST #****0383402**COMPANY NAME: XTODATE: 1-14-25LEASE: PLUB302-25-3058 Battery

PHONE: \_\_\_\_\_

AFE #: Project: 03C155459 API: CC: 1140511001QUANTITY: \_\_\_\_\_ ☐ BBLsRIG NAME: Acident: NAPP349252577 WELL #: \_\_\_\_\_20 ☒ YARDSSTATE & COUNTY ORIGIN: Facility: FAPP3133047011

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☐ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ 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 \_\_\_\_\_

**TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT**COMPANY NAME: Sen Tex MexYARD #: \_\_\_\_\_ WHP #: \_\_\_\_\_ TRUCK #: 39

ADDRESS: \_\_\_\_\_

TICKET #: \_\_\_\_\_ ROLL OFF BIN #: \_\_\_\_\_ TRAILER #: 0304DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_ ☐ AMDISPATCHER NAME: Willy Wieler DISPATCHER PHONE #: 432-209-0851RECEIVED: \_\_\_\_\_ ☐ 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: Corny ReimerDRIVER'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****TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

DATE: 1/14/25 TIME IN: 3:21 AM / PM

TIME OUT: \_\_\_\_\_ 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: \_\_\_\_\_

(Less than 50 MCR)

Shake Out:

1	2	3

H<sub>2</sub>O  
S

Gallon Test: \_\_\_\_\_

SERVICE NOTES:

This is to certify that: \_\_\_\_\_  
Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: \_\_\_\_\_

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility





## APPENDIX F

### NMOCD Correspondence

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

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

Date Mon 12/30/2024 4:50 PM

To Brown, Colton S <colton.s.brown@exxonmobil.com>

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

[ \*\*EXTERNAL EMAIL\*\*]

RE: Incident #NAPP2419252577

Colton,

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

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



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**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 )

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**From:** Brown, Colton S <[colton.s.brown@exxonmobil.com](mailto:colton.s.brown@exxonmobil.com)>

**Sent:** Monday, December 30, 2024 2:29 PM

**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>

**Cc:** Dirkx, Kaylan <[kaylan.dirkx@exxonmobil.com](mailto:kaylan.dirkx@exxonmobil.com)>; Tacoma Morrissey <[tmorrissey@ensolum.com](mailto:tmorrissey@ensolum.com)>; Ben Belill <[bbelill@ensolum.com](mailto:bbelill@ensolum.com)>; Tracy Hillard <[thillard@ensolum.com](mailto:thillard@ensolum.com)>; Kim Thomason <[kthomason@ensolum.com](mailto:kthomason@ensolum.com)>; Woodall, Robert D <[robert.d.woodall@exxonmobil.com](mailto:robert.d.woodall@exxonmobil.com)>; McAfee, Ashley A <[ashley.a.mcafee@exxonmobil.com](mailto:ashley.a.mcafee@exxonmobil.com)>; Smith, Kailee /C <[kailee.smith@exxonmobil.com](mailto: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](mailto: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	
Please answer all the questions in this group.	
Site Name	PLU BIG SINKS 02-25-30 STATE BATTERY
Date Release Discovered	07/08/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: 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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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 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**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
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	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
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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Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 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**

<b>Site Characterization</b>	
<i>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.</i>	
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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	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

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
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
<b>Soil Contamination Sampling:</b> (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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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 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**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	OWL LANDFILL JAL [fJEG1635837366]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Robert Woodall Title: Environmental Analyst Email: robert.d.woodall@exxonmobil.com Date: 03/12/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

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Action 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**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	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.

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

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

I hereby agree and sign off to the above statement	Name: Robert Woodall Title: Environmental Analyst Email: robert.d.woodall@exxonmobil.com Date: 03/12/2025
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Action 441584

QUESTIONS (continued)

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

QUESTIONS

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



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CONDITIONS

Action 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