



March 27, 2025

New Mexico Oil Conservation Division

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

**Re: Closure Request
PLU 28 Big Sinks West BTY
Incident Number nAPP2421839212
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 site assessment and soil sampling activities at the PLU 28 Big Sinks West BTY (Site). The purpose of the site assessment and soil sampling activities was to assess the presence or absence of impacts to soil following a release of produced water. Based on field observations, field screening activities, and soil sample laboratory analytical results, XTO is submitting this *Closure Request*, describing liner inspection and delineation activities that have occurred and requesting no further action for Incident Number nAPP2421839212.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit F, Section 28, Township 25 South, Range 31 East, in Eddy County, New Mexico (32.104327°, -103.787089°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On July 17, 2024, pump failed resulted in the release of 45 barrels (bbls) of produced water into a lined containment and onto the surface of the well pad. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 45 bbls of produced water 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 August 5, 2024. The release was assigned Incident Number nAPP2421839212.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring drilled for determination of regional groundwater depth. In March 2021, a soil boring permitted by New Mexico Office of the State Engineer (C-4500) was completed approximately

0.18 miles southeast of the Site utilizing hollow stem auger drilling method. Soil boring C-4500 was drilled to a depth of 110 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The temporary well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 110 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record & Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash, located approximately 4,084 feet south 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)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- Total TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

After a review of the C-141, internal documents, and initial release photographs, it was confirmed the release occurred within the lined containment. The lined containment was cleaned of all debris, power washed and a 48-hour advance notice of the liner inspection was submitted on December 5, 2024. On December 13, 2024, the lined containment was inspected by Ensolum personnel and was determined to be operating as designed. Upon inspection, no rips, tears, holes, or damage were observed. The liner was determined to be sufficient, and all released fluid had been recovered. The release extent was mapped utilizing a handheld Global Positioning System (GPS) unit. Photographic documentation of the inspection is included in Appendix B.

On February 6, 2025, Ensolum personnel returned to the Site to conduct delineation activities. Three delineation soil samples, SS01 through SS03, were collected from a depth of approximately 1-foot bgs around the release to assess the lateral extent. Due to production equipment and lined containment areas directly adjacent, no lateral surface samples were collected to the east. Additionally, two boreholes, BH01 and BH02, were advanced via hand auger within the release extent to a terminal depth of 1-foot bgs. Two 5-point confirmation soil samples, CS01 and CS02, were collected from a depth of 0.5 feet bgs within the release extent representing no more than 200 square feet. 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. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride

XTO Energy, Inc
Closure Request
PLU 28 Big Sinks West BTY



utilizing Hach® chloride QuanTab® test strips. The release extent and soil sample locations are depicted in Figure 2. Photographic documentation is included in Appendix B. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are 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- GRO, TPH- DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Methods SM4500.

LABORATORY ANALYTICAL RESULTS

Delineation soil samples, SS01 through SS03, collected around the release extent indicated all COCs were in compliance with Site Closure Criteria, successfully defining the lateral extent of the release. Laboratory analytical results for delineation soil samples BH01, BH02, BH01A, and BH02A, collected at depths ranging from 0.5 feet to 1-foot bgs, indicated all COCs were in compliance with Closure Criteria. In addition, delineation soil samples BH01A and BH02A, collected at a terminal depth of 1-foot bgs, indicated all COC concentrations were in compliance with the reclamation requirement, successfully defining the vertical extent of the release. Confirmation soil samples CS01 and CS02 indicated all COCs were in compliance with Closure Criteria. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included in Appendix D.

CLOSURE REQUEST

Liner inspection and delineation activities were conducted at the Site to address the July 17, 2024 release of produced water. Laboratory analytical results for the confirmation soil samples, collected from the release extent, indicated that all COCs were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

Laboratory analytical results indicate approximately 13 cubic yards of waste-containing soil, assuming a maximum depth of 1-foot bgs as indicated by BH01A and BH02A remain immediately adjacent to active production equipment. Final reclamation of the remaining waste-containing soil will occur during the final abandonment of the well pad or major construction, whichever comes first.

Excavation of impacted soil has mitigated 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 release extent. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2421839212.

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

XTO Energy, Inc
Closure Request
PLU 28 Big Sinks West BTY



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 "Daniel R. Moir".

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

cc: Colton Brown, XTO
Kaylan Dirkx, XTO
BLM





Appendices:

| | |
|------------|--|
| Figure 1 | Site Receptor Map |
| Figure 2 | Soil Sample Locations |
| Table 1 | Soil Sample Analytical Results |
| Appendix A | Referenced Well Records |
| Appendix B | Photographic Log |
| Appendix C | Lithologic Soil Sampling Logs |
| Appendix D | Laboratory Analytical Reports & Chain-of-Custody Documentation |







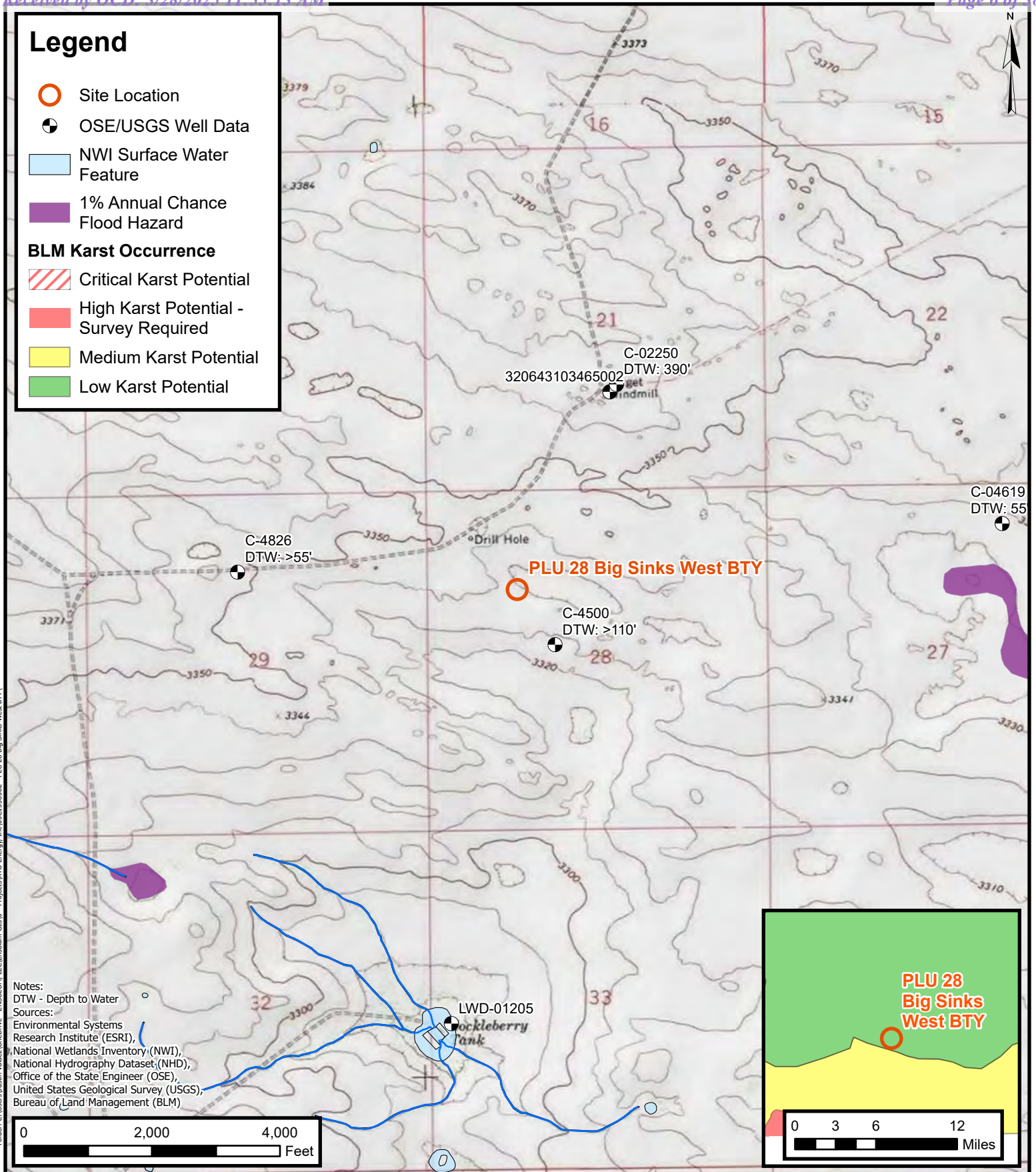
FIGURES

Legend

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

BLM Karst Occurrence

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



Site Receptor Map

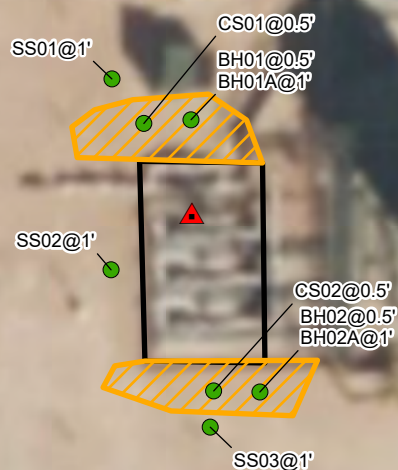
XTO Energy, Inc
 PLU 28 Big Sinks West BTY
 Incident Number: nAPP2421839212
 Unit F, Section 28, T 25S, R 31E
 Eddy County, New Mexico

FIGURE

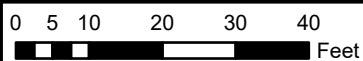
1

Legend

- Soil Samples in Compliance with Closure Criteria
- ▲ Point of Release (POR)
- ▨ Release Extent
- ▭ Lined Containment Area



Notes:
Sample ID @ Depth Below Ground Surface.



Sources: Environmental Systems Research Institute (ESRI)



Soil Sample Locations

XTO Energy, Inc
PLU 28 Big Sinks West BTY
Incident Number: nAPP2421839212
Unit F, Section 28, T 25S, R 31E
Eddy County, New Mexico

FIGURE
2



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 28 Big Sinks West BTY
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 | 1,000 | 2,500 | 20,000 |
| Delineation Soil Samples | | | | | | | | | | |
| SS01 | 02/06/2025 | 1 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 352 |
| SS02 | 02/06/2025 | 1 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48.0 |
| SS03 | 02/06/2025 | 1 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 144 |
| BH01 | 02/06/2025 | 0.5 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 816 |
| BH01A | 02/06/2025 | 1 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 96.0 |
| BH02 | 02/06/2025 | 0.5 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 2,130 |
| BH02A | 02/06/2025 | 1 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 64.0 |
| Confirmation Soil Samples | | | | | | | | | | |
| CS01 | 02/06/2025 | 0.5 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 592 |
| CS02 | 02/06/2025 | 0.5 | <0.050 | <0.300 | <10.0 | 640 | 68.0 | 640 | 708 | 2,880 |

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



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| | | | | | | | | |
|--|---|---------------------------|--|---|---|--|---|--------------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) POD1 (BH-01) | | WELL TAG ID NO. n/a | | OSE FILE NO(S). C-4500 | | | |
| | WELL OWNER NAME(S) XTO Energy (Kyle Littrell) | | | | PHONE (OPTIONAL) | | | |
| | WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr. | | | | CITY Midland | STATE TX | ZIP 79707 | |
| | WELL LOCATION (FROM GPS) | DEGREES LATITUDE 32 | MINUTES 6 | SECONDS 6.96 N | • ACCURACY REQUIRED: ONE TENTH OF A SECOND | | | |
| | | LONGITUDE 103 | 47 | 6.75 W | • DATUM REQUIRED: WGS 84 | | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NW Sec. 28 T25S R31E | | | | | | | | |
| 2. DRILLING & CASING INFORMATION | LICENSE NO. 1249 | | NAME OF LICENSED DRILLER Jackie D. Atkins | | | NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc. | | |
| | DRILLING STARTED 03/24/2021 | | DRILLING ENDED 03/24/2021 | | DEPTH OF COMPLETED WELL (FT) temporary well material | BORE HOLE DEPTH (FT) 110 | DEPTH WATER FIRST ENCOUNTERED (FT) n/a | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) | | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a | | |
| | DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: | | | | | | | |
| | DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger | | | | | | | |
| | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
| | FROM | TO | | | | | | |
| | 0 | 110 | ±6.5 | Boring- HSA | -- | -- | -- | -- |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT | | |
| | FROM | TO | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

| | | | | | |
|----------|--------|----------------|-----------------|---------|-------------|
| FILE NO. | C-4500 | POD NO. | 1 | TRN NO. | 682534 |
| LOCATION | Exp | 25S.31E.28.144 | WELL TAG ID NO. | — | PAGE 1 OF 2 |

| 4. HYDROGEOLOGIC LOG OF WELL | DEPTH (feet bgl) | | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm) |
|---|------------------|-----|------------------|--|---|---|
| | FROM | TO | | | | |
| | 0 | 1 | 1 | Caliche, no odor, no stain, tan, light-brown | Y ✓ N | |
| | 1 | 3 | 2 | Sand, no odor, no stain, m-f, well sorted, brown, trace silt, low consolidation | Y ✓ N | |
| | 3 | 7 | 4 | Sandy clay, no odor, no stain, m-f, brown, well sorted, low plasticity, cohesive | Y ✓ N | |
| | 7 | 23 | 16 | Caliche, tan, light brown sand, m-f grained, poorly sorted, low consolidation | Y ✓ N | |
| | 23 | 110 | 87 | sand, brown, no odor, no stain, fine grained, well sorted, low consolidation | Y ✓ N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: | | | | | TOTAL ESTIMATED WELL YIELD (gpm): 0.00 | |

| 5. TEST; RIG SUPERVISION | WELL TEST | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. |
|---|---|---|
| | MISCELLANEOUS INFORMATION: PLU 28 BS 126H, Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist. | |
| PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge | | |

| 6. SIGNATURE | SIGNATURE OF DRILLER / PRINT SIGNEE NAME | DATE |
|--------------|---|------|
| | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> Jackie D. Atkins </div> <div style="text-align: right;">05/05/2021</div> </div> | |



APPENDIX B

Photographic Log

**Photographic Log**

XTO Energy, Inc
 PLU 28 Big Sinks West BTY
 nAPP2421839212



Photograph: 1
 Description: Well Sign
 View: East

Date: 12/13/2024



Photograph: 2
 Description: Liner inspection activities
 View: East

Date: 12/13/2024



Photograph: 3
 Description: Liner inspection activities
 View: South

Date: 12/13/2024




Photograph: 4
 Description: Delineation activities
 View: East


Date: 2/6/2025



APPENDIX C

Lithologic Soil Sampling Logs

|  ENSOLUM | | Sample Name: BH01 | | Date: 2/6/2025 | | | | |
|---|----------------|--------------------------------------|-------------------|----------------|-----------------------|--------------------------|------------------|--|
| | | Site Name: PLU 28 Big Sinks West BTY | | | | | | |
| | | Incident Number: nAPP | | | | | | |
| | | Job Number: 03C1558582 | | | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | |
| Coordinates: 32.104373, -103.787090 | | | Logged By: ER | | Method: Hand Auger | | | |
| | | | Hole Diameter: 4" | | Total Depth: 1-foot | | | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor for chloride is included. | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions |
| | | | | | | 0 | | (0-1') CALICHE, tan, fine grained, no odor |
| D | 1,103 | 0.3 | N | BH01 | 0.5 | | | |
| D | <162 | 0.3 | N | BH01A | 1 | 1 | | |
| | | | | | | Total Depth @ 1-foot bgs | | |
| <div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border-left: 2px solid black; border-bottom: 2px solid black;"></div> </div> | | | | | | | | |

|  ENSOLUM | | Sample Name: BH02 | | Date: 2/6/2025 | | | | |
|---|----------------|--------------------------------------|-------------------|----------------|-----------------------|--------------------------|------------------|--|
| | | Site Name: PLU 28 Big Sinks West BTY | | | | | | |
| | | Incident Number: nAPP | | | | | | |
| | | Job Number: 03C1558582 | | | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | |
| Coordinates: 32.104271, -103.787064 | | | Logged By: ER | | Method: Hand Auger | | | |
| | | | Hole Diameter: 4" | | Total Depth: 1-foot | | | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor for chloride is included. | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions |
| | | | | | | 0 | | (0-1') CALICHE, tan, fine grained, no odor |
| D | 1,719 | 1.1 | N | BH02 | 0.5 | | | |
| D | <162 | 0.1 | N | BH02A | 1 | 1 | | |
| | | | | | | Total Depth @ 1-foot bgs | | |
| <div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border-left: 1px solid black; border-bottom: 1px solid black;"></div> </div> | | | | | | | | |



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



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

February 13, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 28 BS WEST BATTERY (582)

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

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

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: | 02/07/2025 | Sampling Date: | 02/06/2025 |
| Reported: | 02/13/2025 | Sampling Type: | Soil |
| Project Name: | PLU 28 BS WEST BATTERY (582) | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558582 | Sample Received By: | Alyssa Parras |
| Project Location: | XTO 32.104296,-103.786899 | | |

Sample ID: BH01 .5 (H250776-01)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.10 | 105 | 2.00 | 5.48 | | |
| Toluene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.24 | 112 | 2.00 | 10.6 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.31 | 115 | 2.00 | 11.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/10/2025 | ND | 7.09 | 118 | 6.00 | 12.7 | | |
| Total BTEX | <0.300 | 0.300 | 02/10/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 816 | 16.0 | 02/10/2025 | ND | 416 | 104 | 400 | 3.77 | |

| 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 | 02/11/2025 | ND | 178 | 89.2 | 200 | 8.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/11/2025 | ND | 175 | 87.3 | 200 | 12.3 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/11/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/07/2025
Reported: 02/13/2025
Project Name: PLU 28 BS WEST BATTERY (582)
Project Number: 03C1558582
Project Location: XTO 32.104296,-103.786899

Sampling Date: 02/06/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH01 1 (H250776-02)

| 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 | 02/10/2025 | ND | 2.10 | 105 | 2.00 | 5.48 | | |
| Toluene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.24 | 112 | 2.00 | 10.6 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.31 | 115 | 2.00 | 11.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/10/2025 | ND | 7.09 | 118 | 6.00 | 12.7 | | |
| Total BTEx | <0.300 | 0.300 | 02/10/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 02/10/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| 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 | 02/11/2025 | ND | 178 | 89.2 | 200 | 8.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/11/2025 | ND | 175 | 87.3 | 200 | 12.3 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/11/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------------------|---------------------|---------------|
| Received: | 02/07/2025 | Sampling Date: | 02/06/2025 |
| Reported: | 02/13/2025 | Sampling Type: | Soil |
| Project Name: | PLU 28 BS WEST BATTERY (582) | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558582 | Sample Received By: | Alyssa Parras |
| Project Location: | XTO 32.104296,-103.786899 | | |

Sample ID: BH02 .5 (H250776-03)

| 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 | 02/10/2025 | ND | 2.10 | 105 | 2.00 | 5.48 | | |
| Toluene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.24 | 112 | 2.00 | 10.6 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.31 | 115 | 2.00 | 11.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/10/2025 | ND | 7.09 | 118 | 6.00 | 12.7 | | |
| Total BTEX | <0.300 | 0.300 | 02/10/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2130 | 16.0 | 02/10/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| 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 | 02/11/2025 | ND | 178 | 89.2 | 200 | 8.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/11/2025 | ND | 175 | 87.3 | 200 | 12.3 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/11/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 02/07/2025
Reported: 02/13/2025
Project Name: PLU 28 BS WEST BATTERY (582)
Project Number: 03C1558582
Project Location: XTO 32.104296,-103.786899

Sampling Date: 02/06/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH02 1 (H250776-04)

| 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 | 02/10/2025 | ND | 2.10 | 105 | 2.00 | 5.48 | | |
| Toluene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.24 | 112 | 2.00 | 10.6 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.31 | 115 | 2.00 | 11.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/10/2025 | ND | 7.09 | 118 | 6.00 | 12.7 | | |
| Total BTEx | <0.300 | 0.300 | 02/10/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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 | 64.0 | 16.0 | 02/10/2025 | ND | 416 | 104 | 400 | 3.77 | | |

| 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 | 02/11/2025 | ND | 178 | 89.2 | 200 | 8.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/11/2025 | ND | 175 | 87.3 | 200 | 12.3 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/11/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|------------------------------|---------------------|---------------|
| Received: | 02/07/2025 | Sampling Date: | 02/06/2025 |
| Reported: | 02/13/2025 | Sampling Type: | Soil |
| Project Name: | PLU 28 BS WEST BATTERY (582) | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558582 | Sample Received By: | Alyssa Parras |
| Project Location: | XTO 32.104296,-103.786899 | | |

Sample ID: SS01 1 (H250776-05)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.10 | 105 | 2.00 | 5.48 | | |
| Toluene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.24 | 112 | 2.00 | 10.6 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.31 | 115 | 2.00 | 11.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/10/2025 | ND | 7.09 | 118 | 6.00 | 12.7 | | |
| Total BTEx | <0.300 | 0.300 | 02/10/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 02/11/2025 | ND | 400 | 100 | 400 | 7.69 | |

| 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 | 02/11/2025 | ND | 178 | 89.2 | 200 | 8.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/11/2025 | ND | 175 | 87.3 | 200 | 12.3 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/11/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received: 02/07/2025
Reported: 02/13/2025
Project Name: PLU 28 BS WEST BATTERY (582)
Project Number: 03C1558582
Project Location: XTO 32.104296,-103.786899

Sampling Date: 02/06/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS02 1 (H250776-06)

| 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 | 02/10/2025 | ND | 2.10 | 105 | 2.00 | 5.48 | | |
| Toluene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.24 | 112 | 2.00 | 10.6 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.31 | 115 | 2.00 | 11.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/10/2025 | ND | 7.09 | 118 | 6.00 | 12.7 | | |
| Total BTEX | <0.300 | 0.300 | 02/10/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 02/11/2025 | ND | 400 | 100 | 400 | 7.69 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/11/2025 | ND | 178 | 89.2 | 200 | 8.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/11/2025 | ND | 175 | 87.3 | 200 | 12.3 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/11/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received: 02/07/2025
Reported: 02/13/2025
Project Name: PLU 28 BS WEST BATTERY (582)
Project Number: 03C1558582
Project Location: XTO 32.104296,-103.786899

Sampling Date: 02/06/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SS03 1 (H250776-07)

| 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 | 02/10/2025 | ND | 2.10 | 105 | 2.00 | 5.48 | | |
| Toluene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.24 | 112 | 2.00 | 10.6 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.31 | 115 | 2.00 | 11.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/10/2025 | ND | 7.09 | 118 | 6.00 | 12.7 | | |
| Total BTEX | <0.300 | 0.300 | 02/10/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 02/11/2025 | ND | 400 | 100 | 400 | 7.69 | |

| 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 | 02/10/2025 | ND | 191 | 95.6 | 200 | 0.219 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/10/2025 | ND | 187 | 93.7 | 200 | 0.329 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/10/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|------------------------------|---------------------|---------------|
| Received: | 02/07/2025 | Sampling Date: | 02/06/2025 |
| Reported: | 02/13/2025 | Sampling Type: | Soil |
| Project Name: | PLU 28 BS WEST BATTERY (582) | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558582 | Sample Received By: | Alyssa Parras |
| Project Location: | XTO 32.104296,-103.786899 | | |

Sample ID: CS01 .5 (H250776-08)

| 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 | 02/10/2025 | ND | 2.10 | 105 | 2.00 | 5.48 | | |
| Toluene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.24 | 112 | 2.00 | 10.6 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.31 | 115 | 2.00 | 11.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/10/2025 | ND | 7.09 | 118 | 6.00 | 12.7 | | |
| Total BTEX | <0.300 | 0.300 | 02/10/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 592 | 16.0 | 02/11/2025 | ND | 400 | 100 | 400 | 7.69 | | |

| 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 | 02/10/2025 | ND | 191 | 95.6 | 200 | 0.219 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/10/2025 | ND | 187 | 93.7 | 200 | 0.329 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/10/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|------------------------------|---------------------|---------------|
| Received: | 02/07/2025 | Sampling Date: | 02/06/2025 |
| Reported: | 02/13/2025 | Sampling Type: | Soil |
| Project Name: | PLU 28 BS WEST BATTERY (582) | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558582 | Sample Received By: | Alyssa Parras |
| Project Location: | XTO 32.104296,-103.786899 | | |

Sample ID: CS02 .5 (H250776-09)

| 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 | 02/10/2025 | ND | 2.10 | 105 | 2.00 | 5.48 | | |
| Toluene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.24 | 112 | 2.00 | 10.6 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/10/2025 | ND | 2.31 | 115 | 2.00 | 11.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/10/2025 | ND | 7.09 | 118 | 6.00 | 12.7 | | |
| Total BTEx | <0.300 | 0.300 | 02/10/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2880 | 16.0 | 02/11/2025 | ND | 400 | 100 | 400 | 7.69 | | |

| 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 | 02/10/2025 | ND | 191 | 95.6 | 200 | 0.219 | |
| DRO >C10-C28* | 640 | 10.0 | 02/10/2025 | ND | 187 | 93.7 | 200 | 0.329 | |
| EXT DRO >C28-C36 | 68.0 | 10.0 | 02/10/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | |
|---|--|---------------------------|--|-------------------------|--|
| Company Name: Ensolum, LLC | | BILL TO | | ANALYSIS REQUEST | |
| Project Manager: Tracy Hillard | | P.O. #: | | | |
| Address: 601 N Marlenfeld Street, Suite 400 | | Company: XTO Energy, Inc | | | |
| City: Midland | | Attn: Colton Brown | | | |
| Phone #: 575-937-3906 | | Address: 3104 E Greene St | | | |
| Fax #: 575-937-3906 | | City: Carlsbad | | | |
| Project #: 03C1558582 | | State: NM Zip: 88220 | | | |
| Project Name: <u>PLU 2018 25 135 W B4 (582)</u> | | Phone #: | | | |
| Project Location: <u>32.104296, -103.786849</u> | | Fax #: | | | |
| Sampler Name: <u>Kevin Ruc</u> | | | | | |

| Lab I.D. | Sample I.D. | Depth (feet) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | TPH 8015 | BTX 8021 | Chloride 4500 | |
|----------|-------------|--------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------|------|----------|----------|---------------|------------|
| | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | | | | ACID/BASE: |
| 4360714 | BH01 | 5 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 5 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH01 | 1 | G | 1 | | | | | | | | | | | | |
| 4360714 | BH02 | 1 | G | 1 | | | | | | | | | | | | |

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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

Action 446555

QUESTIONS

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 446555 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2421839212 |
| Incident Name | NAPP2421839212 PLU 28 BIG SINKS WEST BTY @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |

| | |
|---|---------------------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | PLU 28 Big Sinks West BTY |
| Date Release Discovered | 07/17/2024 |
| Surface Owner | Federal |

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

| | |
|---|--|
| Nature and Volume of Release | |
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Pump Produced Water Released: 45 BBL Recovered: 45 BBL Lost: 0 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. |

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QUESTIONS, Page 2

Action 446555

QUESTIONS (continued)

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 446555 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Nature and Volume of Release (continued) | |
|---|--|
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. | |

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

| | |
|--|---------------|
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | Not answered. |

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 08/05/2024 |
|--|--|

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 446555

QUESTIONS (continued)

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 446555 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|--------------------------------|
| Site Characterization | |
| <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 | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between ½ and 1 (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 | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between ½ and 1 (mi.) |
| Any other fresh water well or spring | Between ½ and 1 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Between ½ and 1 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Between 1 and 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

| | |
|---|------------|
| Remediation Plan | |
| <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 |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 2880 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 708 |
| GRO+DRO (EPA SW-846 Method 8015M) | 640 |
| 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 | 07/17/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 02/06/2025 |
| On what date will (or was) the remediation complete(d) | 02/06/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | 350 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 13 |
| What is the estimated surface area (in square feet) that will be remediated | 350 |
| What is the estimated volume (in cubic yards) that will be remediated | 13 |
| <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> | |

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QUESTIONS, Page 4

Action 446555

QUESTIONS (continued)

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 446555 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|--|
| Remediation Plan (continued) | |
| <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> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| <i>(Select all answers below that apply.)</i> | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | No |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Yes |
| Other Non-listed Remedial Process. Please specify | No impacted soil identified. |
| <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: Ashley McAfee Email: ashley.a.mcafee@exxonmobil.com Date: 03/28/2025 |
| <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> | |

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 5

Action 446555

QUESTIONS (continued)

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 446555 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

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QUESTIONS, Page 6

Action 446555

QUESTIONS (continued)

| | |
|---|----------------|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: |
| | 5380 |
| | Action Number: |
| | 446555 |
| Action Type: | |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 426391 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 02/07/2025 |
| What was the (estimated) number of samples that were to be gathered | 10 |
| What was the sampling surface area in square feet | 2000 |

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 | 350 |
| What was the total volume (cubic yards) remediated | 0 |
| 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 | 0 |
| What was the total volume (in cubic yards) reclaimed | 0 |
| Summarize any additional remediation activities not included by answers (above) | "Liner inspection and delineation activities were conducted at the Site to address the July 17, 2024, release of produced water. Laboratory analytical results for the confirmation soil samples, collected from the release extent, indicated that all COCs were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required. Laboratory analytical results indicate approximately 13 cubic yards of waste-containing soil, assuming a maximum depth of 1-foot bgs as indicated by BH01A and BH02A remain immediately adjacent to active production equipment. Final reclamation of the remaining waste-containing soil exceeding the strictest Table I Closure Criteria will occur during the final abandonment of the well pad or major construction, whichever comes first. Excavation of impacted soil has mitigated 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 release extent. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2421839212." |

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: Ashley McAfee Email: ashley.a.mcafee@exxonmobil.com Date: 03/28/2025 |
|--|--|

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QUESTIONS, Page 7

Action 446555

QUESTIONS (continued)

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 446555 |
| | 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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State of New Mexico

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CONDITIONS

Action 446555

CONDITIONS

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 446555 |
| | 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 #NAPP2421839212 PLU 28 BIG SINKS WEST BTY, thank you. This Remediation Closure Report is approved. | 3/31/2025 |