ENSOLUM

June 2, 2026

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

Re: Closure Request
Remuda 100 Battery
Incident Number nAPP2600549577
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, excavation, and soil sampling activities at the Remuda 100 Battery (Site). The purpose of the investigation and remedial activities was to assess for the presence or absence of impacts to soil following a flare fire and release of condensate. Based on field observations, field screening activities, and soil sample laboratory analytical results, XTO is submitting this *Closure Request*, describing site assessment and excavation activities that have occurred and requesting no further remediation for Incident Number nAPP2600549577.

SITE DESCRIPTION AND RELEASE SUMMARY

The release was initially reported at the following Global Positioning System (GPS) coordinates 32.277105°, -103.943191° however, following a review of the initial documentation, photographic documentation and confirmation of the location of the flare at the Site, it was determined that the release occurred in Unit E, Section 25, Township 23 South, Range 29 East, in Eddy County, New Mexico (32.277401°, -103.942944°) and is associated with oil and gas exploration and production operations on State Trust Land managed by the New Mexico State Land Office (NMSLO) under Lease ID E058940010.

On January 4, 2026, a guppy pump failed, resulting in a small volume of condensate releasing from the low-pressure flare, which then ignited. Approximately 0.17 barrels (bbls) of condensate was released on the surface of the pad during the flare fire. No fluids were recovered. XTO reported the fire and release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) on January 5, 2026, and an Initial C-141 Application (C-141) on January 6, 2026. The release was assigned Incident Number nAPP2600549577.

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 nearest groundwater well data. The closest groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring C-05000-POD3, located approximately 1,420 feet northwest of the Site. The well was drilled on September 17, 2025, and was advanced to a total depth of 153 feet bgs. Groundwater was first encountered in the well at a depth of 135 feet bgs. The Well Record and Log is provided in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash, located approximately 252 feet northwest 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 underlain by unstable geology (medium 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

NMSLO CULTURAL RESOURCES AND BIOLOGICAL REVIEW

Cultural Properties Protection

Since the release remained on the facility pad, the Site is exempt from the Cultural Properties Protection Rule (CPP). As such, no additional cultural resource surveys were completed in connection with this release.

Biological Review

Ensolum personnel conducted a desktop review to establish if the Site is within an area of possible threatened, endangered, and/or sensitive wildlife and plant species, environmentally sensitive areas, surface waters, and sensitive soils.

- A review of the U.S. Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are no critical wildlife habitats at the Site but potential habitats of Northern Aplomado Falon, Piping Plover, Texas Hornshell, and Monarch Butterflies might exist. A review of the Bureau of Land Management (BLM) New Mexico Plant Wildlife Habitat maps indicated potential habitats for Scheer's beehive cactus near the Site. Threatened and endangered plant species are potentially present in the area surrounding the Site; however, no native vegetation outside of the well pad extent has been disturbed during remediation activities since the entirety of the release and remediation activities occurred on the well pad.
- The Site is located within an NMSLO Candidate Conservation Agreement with Assurances (CCAA) area for the Lesser Prairie Chicken (LPC) and near a BLM mapped habitat or population area. Measures to comply with the CCAA were taken, including avoiding construction activities

during breeding, nesting, and early brood-rearing seasons (March 1st through June 15th, between the hours of 3:00 am and 9:00am).

- A review of the New Mexico Crucial Habitat Assessment Tool (CHAT) indicated a CHAT score of 2. Remediation activities remained on pad so consultation with a NMSLO biologist to determine if a special status plant species (SSPS) or biological survey was warranted was not required.
- The Site is underlain by unstable geology (medium potential karst designation area) and depth to groundwater is estimated to be greater than 100 feet bgs, as determined by the Site Characterization.

- The Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soil type at the Site as Simona-Bippus complex, 0 to 5 percent slopes. The Simona-Bippus complex is not considered a sensitive soil per the NMSLO guidelines.

SITE ASSESSMENT AND EXCAVATION ACTIVITIES

On January 5, 2026, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the C-141 and visual observations. Based on the scorching from the fire on the surface of the pad where the fire occurred, surface scraping and excavation activities were warranted.

Between January 21, 2026 and April 16, 2026, Ensolum personnel oversaw delineation and remediation activities at the Site. Two potholes (PH01 and PH02) were advanced to a terminal depth of 1-foot bgs, with discrete samples collected at 0.5 feet and 1-foot bgs. The surficial staining and scorching identified on the pad surface was scraped by heavy equipment, and two areas within the scraped extent were excavated to a depth of 1-foot bgs. Following remediation activities, four 5-point composite soil samples (CS01, CS02A, CS03, and CS04A) were collected from the final excavation extents at depths ranging from 0.25 feet to 1-foot bgs at a frequency no greater than 200 square feet. One sidewall sample (SW01) was taken from the edges of the scraped extent area, from depths ranging from ground surface to 0.5 feet bgs. Two soil samples (SW02 and SW03) were taken along the sidewalls of the excavated areas from ground surface to a depth 1-foot bgs. The 5-point composite 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 delineation and confirmation 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 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, or Eurofins Laboratory (Eurofins) in Carlsbad, 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 4500 at Cardinal and EPA Method 300.0 at Eurofins.

Approximately 38 cubic yards of impacted soil were removed from the approximately 814 square foot excavation and scrape area and properly disposed of at the Halfway Disposal and Landfill facility. The release extent, delineation and confirmation soil sample locations were mapped utilizing a handheld GPS unit. The release extent and delineation soil sample locations are illustrated on Figure 2, and the excavation extents and confirmation soil sample locations are depicted on Figure 3. Photographic documentation of all onsite activities is included in Appendix B. Lithologic soil sampling logs are included in Appendix C.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all delineation soil samples collected indicated all COC concentrations were compliant with Closure Criteria. Laboratory analytical results for CS02 and CS04, at 0.5 and 0.25 feet bgs respectively, indicated elevated chloride concentrations that exceeded the Closure Criteria. Both sampling areas were over-excavated during the April 16, 2026, excavation activities. Sidewall confirmation samples SW01 through SW03 collected at depths ranging from ground surface to 1-foot bgs indicated all COC concentrations were compliant with Closure Criteria. All other final confirmation soil samples reported all COC concentrations compliant with Closure Criteria. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the January 4, 2026 condensate release resulting in fire. Laboratory analytical results for all confirmation soil samples collected from the release extent and final excavation extent indicated that all COC concentrations were compliant with the Closure Criteria. 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.

Excavation of impacted soil has mitigated impacts at this Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests remediation closure for Incident Number nAPP2600549577.

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

Sincerely,
Ensolum, LLC

Christopher Wright
Staff Geologist

Tacoma Morrissey P.G. (licensed in TX)
Associate Principal

cc: Robert Woodall, XTO
Richard Kotzur, XTO
New Mexico State Land Office

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	Photographic Log

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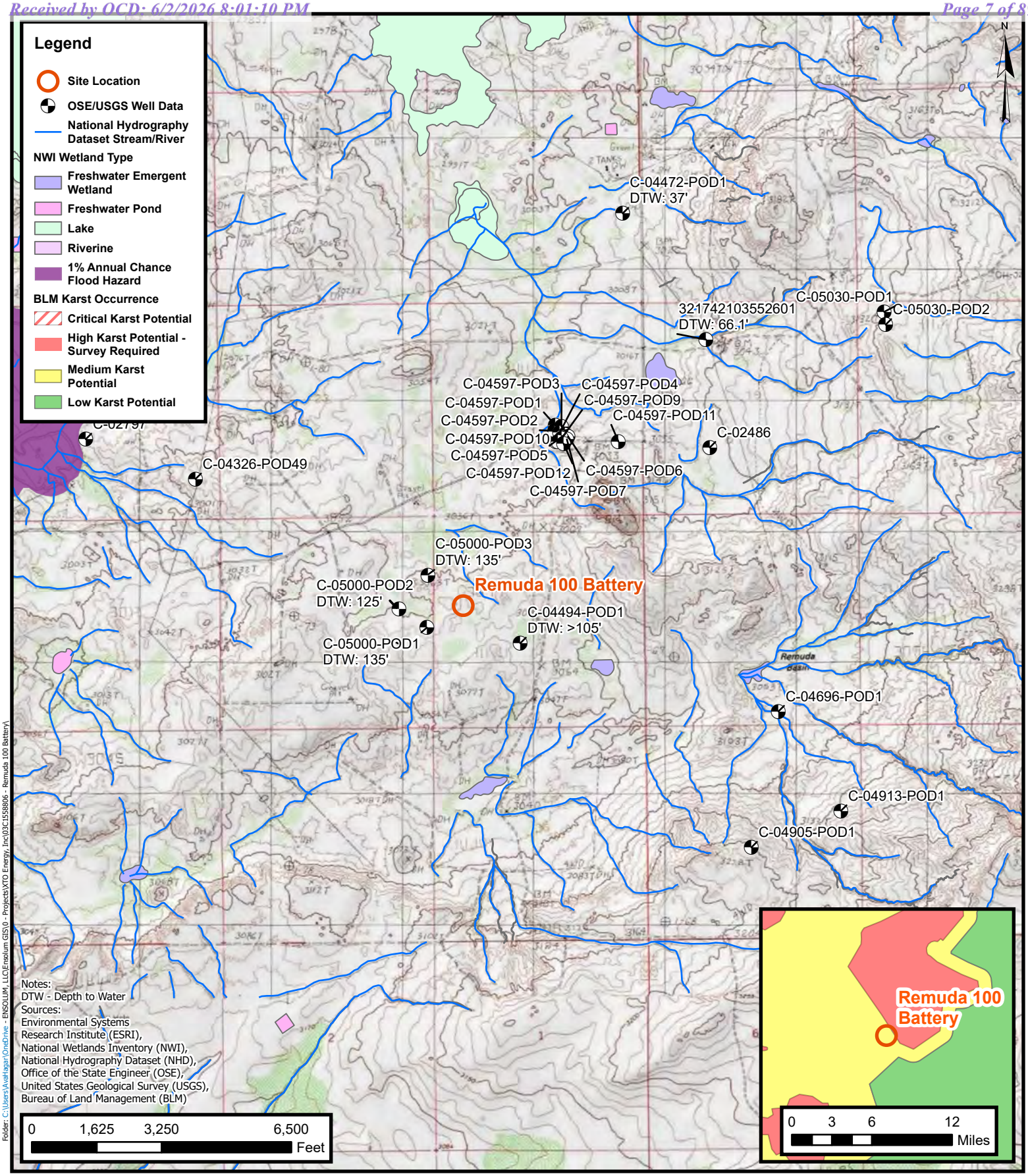
FIGURES



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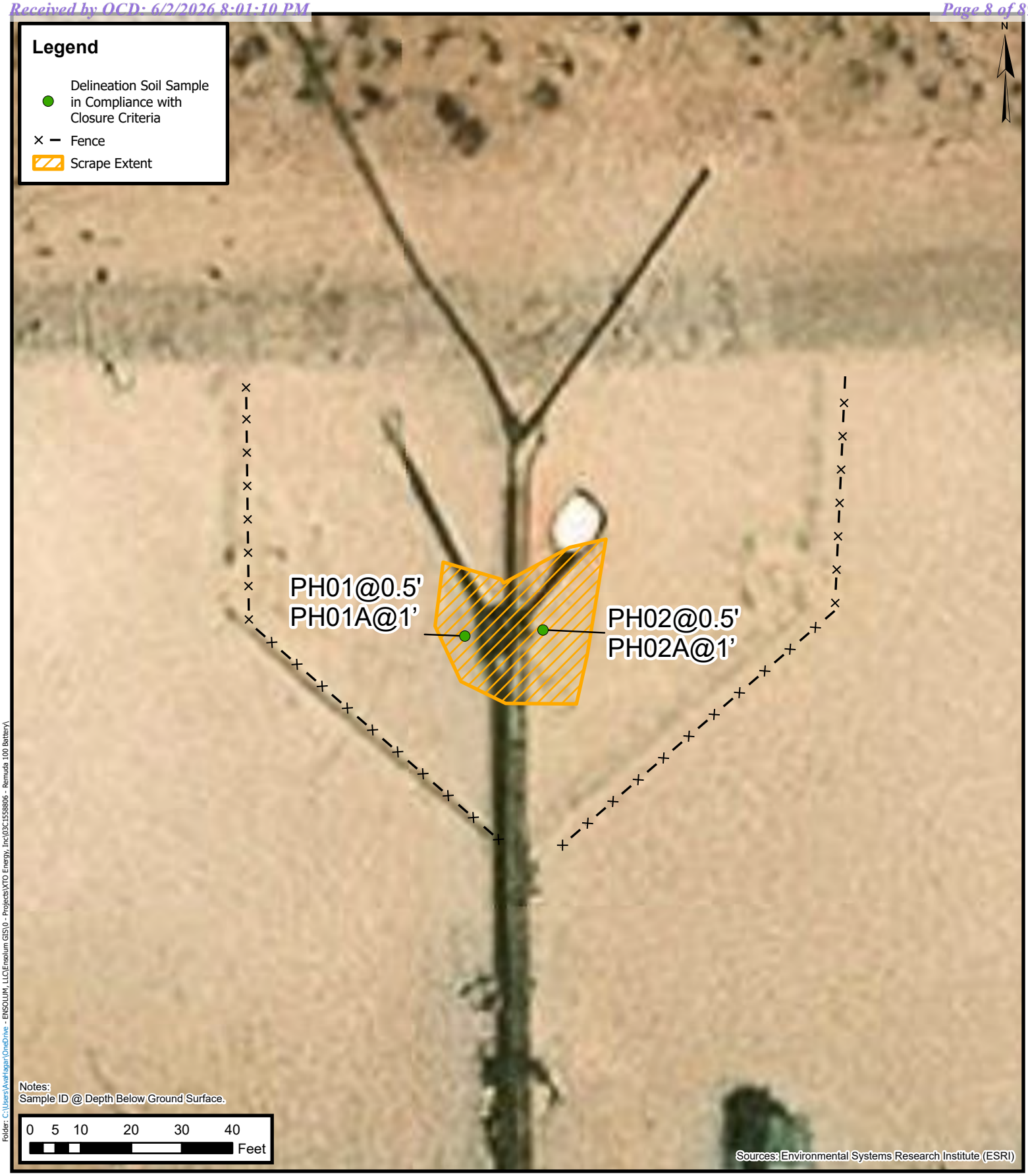
Site Receptor Map

XTO Energy, Inc
Remuda 100 Battery
Incident Number: nAPP2600549577
Unit E, Section 25, T 23S, R 29E
Eddy County, New Mexico

FIGURE 1



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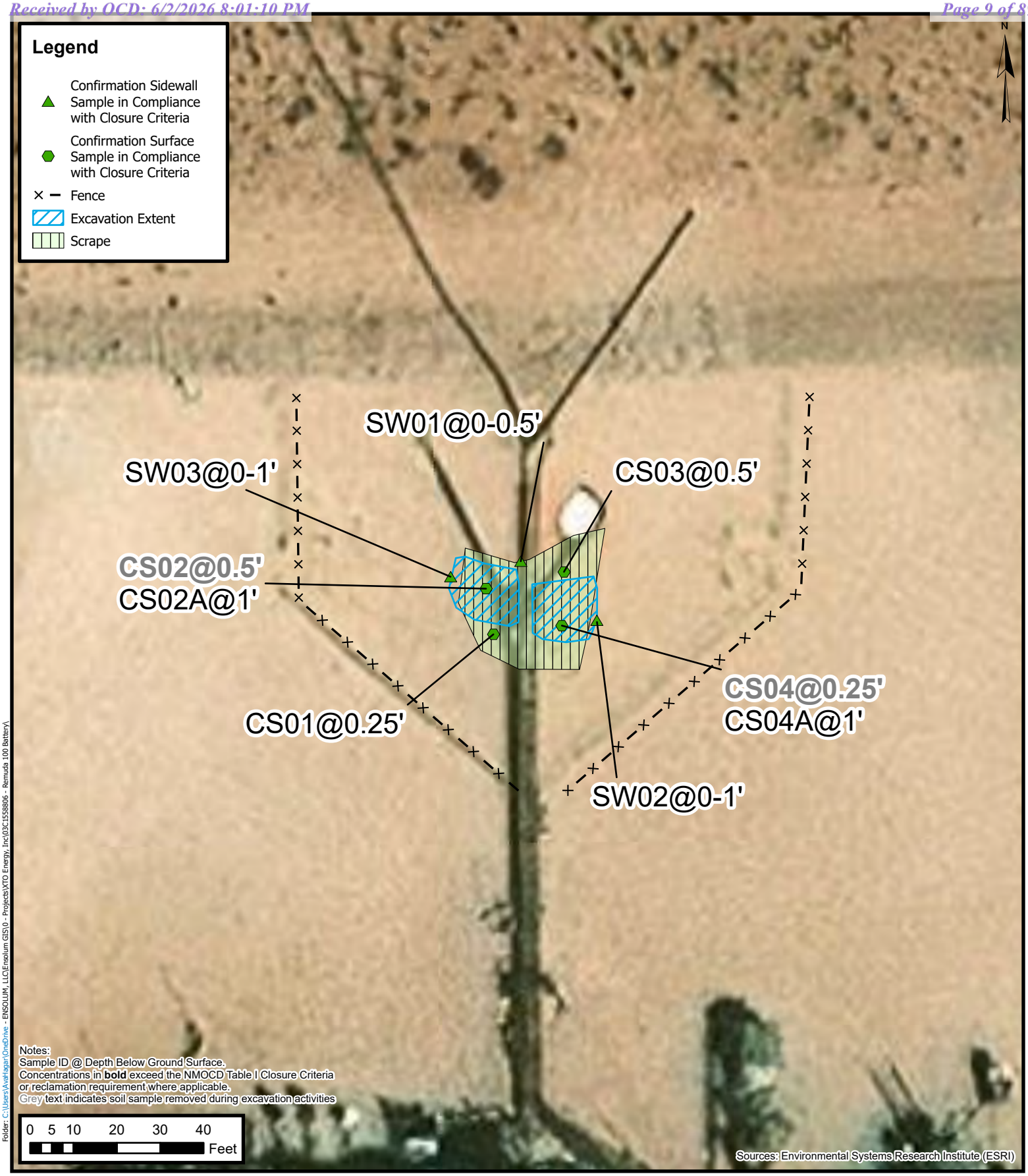
Delineation Soil Sample Locations

XTO Energy, Inc
Remuda 100 Battery
Incident Number: nAPP2600549577
Unit E, Section 25, T 23S, R 29E
Eddy County, New Mexico

FIGURE 2



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Confirmation Soil Sample Location

XTO
Remuda 100 Battery
Incident Number: nAPP2600549577
Unit E, Section 25, T 23S, R 29E
Eddy County, New Mexico

FIGURE 3

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Remuda 100 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										
PH01	01/21/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
PH01A	01/21/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
PH02	01/21/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
PH02A	01/21/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
Confirmation Soil Samples										
CS01	01/21/2026	0.25	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
~~CS02~~	~~01/21/2026~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~**976**~~
CS02A	04/16/2026	1	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	290
CS03	01/21/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
~~CS04~~	~~01/21/2026~~	~~0.25~~	~~<0.050~~	~~<0.300~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~**1,010**~~
CS04A	04/16/2026	1	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	268
SW01	01/21/2026	0-0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW02	04/16/2026	0-1	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	298
SW03	04/16/2026	0-1	<0.00199	0.0411	<50.0	<50.0	<50.0	<50.0	<50.0	307

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

~~Grey~~ text indicates soil sample removed during excavation activities

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APPENDIX A

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): POD 3 (SB03)	WELL TAG ID NO.	OSE FILE NO(S): C-05000
WELL OWNER NAME(S): XTO Energy, Inc		PHONE (OPTIONAL): 575-988-2390
WELL OWNER MAILING ADDRESS: 3104 E Greene St		CITY: Carlsbad STATE: NM ZIP: 88220

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	17	23.74	N
	LONGITUDE	-103.	56	49.08	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Monitoring well located at GPS: 32.28993, -103.946968 on federal land managed by the BLM in Unit H, Sec 26, T23S, R29E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1895	Stephen Hillis	Tolunay-Wong Engineers

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9/17/2025	9/19/2025	153	153	130

COMPLETED WELL IS: [x] ARTESIAN *add Centralizer info below [ ] DRY HOLE [ ] SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 88

DATE STATIC MEASURED: 10/9/2025

DRILLING FLUID: [x] AIR [ ] MUD ADDITIVES – SPECIFY:

DRILLING METHOD: [x] ROTARY [ ] HAMMER [ ] CABLE TOOL [ ] OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED [ ]

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0	123	6	Pvc Sch 40 Riser	Threaded Flush	2.047	0.32	
123	153	6	Pvc Sch 40 Screen	Threaded Flush	2.047	0.32	.01

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(If using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	2	6	Concrete		Hand pour
2	118	6	Grout		Tremi
118	121	6	Bentonite chip 3/8		Pour
121	153	6	Sand 12/20		Pour

FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0	5	5	light brown-tan SAND	Y ✔N	
5	20	15	light brown-white GRAVELLY SAND	Y ✔N	
20	30	10	white-off white GYPSUM	Y ✔N	
30	40	10	light brown-white SANDSTONE	Y ✔N	
40	45	5	light reddish brown CLAYSTONE	Y ✔N	
45	50	5	gray-off white SILTY SANDSTONE	Y ✔N	
50	65	15	white-off white GYPSUM	Y ✔N	
65	70	5	light gray-dark gray CALICHE	Y ✔N	
70	80	10	off white-gray DOLOMITE	Y ✔N	
80	90	10	off white-gray CLAYSTONE	Y ✔N	
90	95	5	off white-pink GYPSUM	Y ✔N	
95	105	10	reddish brown CLAYSTONE	Y ✔N	
105	115	10	white-off white GYPSUM	Y ✔N	
115	135	20	light brown-reddish brown CLAYSTONE	Y ✔N	
135	153	18	brown-gray SILTY SAND	✔Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: NA

TOTAL ESTIMATED WELL YIELD (gpm):

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: 2-inch diameter PVC monitoring wells installed to investigate groundwater quality. Well yield not calculated.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Henry Willoughby, Ben Belill, Chris Wright Stephen Hillis

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

sbillii Stephen Hillis — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

11/17/25 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL PLUGGING PLAN OF OPERATIONS

NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised. contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☑ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C-5000-POD1 to POD 3

Name of well owner: XTO Energy, Inc Attn Colton Brown

Mailing address: 3104 E. Greene St, County: Eddy

City: Carlsbad State: New Mexico Zip code: 88220

Phone number: 575-988-2390 E-mail: colton.brown@exxonmobil.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Tolunay-Wong Engineers

New Mexico Well Driller License No.: 1895 Expiration Date: 3/21/2027

IV. WELL INFORMATION: ☑ **Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.**

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: _____deg, _____ min, _____sec
Longitude: _____deg, _____min, _____sec, NAD 83

2) Reason(s) for plugging well(s):

If no groundwater is encountered, dry boreholes will be abandoned following 72 hours from the time the boring is completed. If groundwater is encountered, borings will be completed as 2-inch PVC monitoring wells. Monitoring wells are anticipated to be present for up to 2 years and another plugging plan of operations will be submitted.

3) Was well used for any type of monitoring program? N/A If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? N/A If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: unknown feet below land surface / feet above land surface (circle one)

6) Depth of the well: 120 feet

7) Inside diameter of innermost casing: 7 inches.

8) Casing material: N/A

9) The well was constructed with:

☐ an open-hole production interval, state the open interval: N/A

☐ a well screen or perforated pipe, state the screened interval(s): N/A

10) What annular interval surrounding the artesian casing of this well is cement-grouted? N/A

11) Was the well built with surface casing? No If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? N/A If yes, please describe:

12) Has all pumping equipment and associated piping been removed from the well? N/A If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

☐ **If plugging method differs between multiple wells on same site, a separate form must be completed for each method.**

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

If no water is encountered, drill cuttings will be used to ten feet below ground surface (bgs) and plugged using hydrated bentonite. If groundwater is encountered, groundwater monitoring is anticipated to occur for up to 2 years.

2) Will well head be cut-off below land surface after plugging? N/A

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

1) For plugging intervals that employ cement grout, complete and attach Table A.

2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.

3) Theoretical volume of grout required to plug the well to land surface: N/A

4) Type of Cement proposed: N/A

5) Proposed cement grout mix: N/A gallons of water per 94 pound sack of Portland cement.

6) Will the grout be: _____batch-mixed and delivered to the site

_____ mixed on site

7) Grout additives requested, and percent by dry weight relative to cement:

N/A

8) Additional notes and calculations:

N/A

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

Volumes calculated on an up to an approximate 7" diameter boring and will only be plugged if dry upon completion. If groundwater is encountered, borings will be completed as 2-inch PVC monitoring wells. Monitoring wells are anticipated to be present for up to 2 years. Following potential groundwater monitoring, another plugging plan of operations form will be submitted.

VIII. SIGNATURE:

I, Colton Brown, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Colton Brown — Signature of Applicant

08/21/25 — Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

X Approved subject to the attached conditions.

_____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 27th day of August, 2025

Elizabeth K. Anderson P.E., New Mexico State Engineer

By: K. Parekh Kashyap Parekh

Supervisor, Water Resources

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	N/A	N/A	N/A
Bottom of proposed interval of grout placement (ft bgl)	N/A	N/A	N/A
Theoretical volume of grout required per interval (gallons)	N/A	N/A	N/A
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement	N/A	N/A	N/A
Mixed on-site or batch-mixed and delivered?	N/A	N/A	N/A
Grout additive 1 requested	N/A	N/A	N/A
Additive 1 percent by dry weight relative to cement	N/A	N/A	N/A
Grout additive 2 requested	N/A	N/A	N/A
Additive 2 percent by dry weight relative to cement	N/A	N/A	N/A

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)	N/A	10	0
Bottom of proposed sealant of grout placement (ft bgl)	N/A	120	10
Theoretical volume of sealant required per interval (gallons)	N/A	880	26
Proposed abandonment sealant (manufacturer and trade name)	N/A	Soil cuttings	Baroid Hole Plug

NEW MEXICO OFFICE OF THE STATE ENGINEER

ATTACHMENT to WD-08 Plan of Plugging
MULTIPLE MONITORING WELL DESCRIPTIONS

This Attachment is to be completed if more than one (1) monitoring well is to be plugged using the same method.

Location (Required): Soil borings are located on BLM pasture land (32.276972, -103.949608), adjacent to an active pipeline right-of-way (ROW)

☐ NM State Plane (NAD83) (Feet) ☐ NM West Zone ☐ NM Central Zone ☐ NM East Zone	☐ UTM (NAD83) (Meters) ☐ Zone 13N ☐ Zone 12N	■ Lat/Long (WGS84) (1/10th of second)	OTHER (allowable only for move-from descriptions - see application form for format) ☐ PLSS (quarters, section, township, range) ☐ Hydrographic Survey, Map & Tract ☐ Lot, Block & Subdivision ☐ Grant

OSE POD Number:	Other Well ID:	X or Longitude (ddmmss):	Y or Latitude (ddmmss):	Other Location Info (PLSS):	Casing ID- (inches):	Depth to Water- (ft bgs):	Total well Depth- (ft bgs):	Grout Volume:	Surface Casing (Y or N):
	SB01	32.275473	-103.947221	Unit I, S26, T23S, R29E	2	unknown	120	N/A	N/A
	SB02	32.276972	-103.949608	Unit H, S26, T23S, R29E	2	unknown	120	N/A	N/A
	SB03	32.279084	-103.947087	Unit H, S26, T23S, R29E	2	unknown	120	N/A	N/A

FOR OSE INTERNAL USE Multiple Montioring POD Descriptions, Form wr-08m (Rev 7/31/19)

File Number:	Trn Number:
Trans Description (optional):	

OSE DII ROSWELL NM
25 AUG '25 PM1:58

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
DISTRICT II
TELEPHONE: (575) 622-6521 FAX: (575) 623-8559

ELIZABETH K. ANDERSON, P.E.
STATE ENGINEER

1900 West Second Street
Roswell, New Mexico 88201

August 27, 2025

XTO Energy Inc
3104 E. Greene Street
Carlsbad, NM 88220

RE: Well Plugging Plan of Operations for well No. C-5000-POD1 to POD3

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced well subject to the attached Conditions of Approval. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer. subject to the attached Conditions of Approval.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,

K. Parekh

Kashyap Parekh
Supervisor, Water Resources

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623- 8559

Applicant has identified wells, listed below, to be plugged. Tolunay-Wong Engineers (WD-1895) will perform the plugging.

Permittee: XTO Energy Inc.
NMOSE Permit Number: C-5000-POD1 to POD3

NMOSE File	Casing diameter (inches)	Well depth (feet bgl)	Approximate static water level (feet bgl)	Latitude	Longitude
C-5000-POD1	7.0 (Soil Boring)	120.0	Unknown	32.275473°	103.947221°
C-5000-POD1	7.0 (Soil Boring)	120.0	Unknown	32.276972°	103.949608°
C-5000-POD1	7.0 (Soil Boring)	120.0	Unknown	32.279084°	103.947087°

Specific Plugging Conditions of Approval for Well located in Eddy County, New Mexico.

1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.

2. The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 219.82 gallons (Drill cuttings) and 19.98 gallons (Bentonite Pellets). Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 120 feet.

3. (a) Drill cuttings up to ten feet of land surface. (b) 10 feet to 0 feet – Bentonite Pellets. The bentonite shall be hydrated separately with its required increments of water prior to being mixed into the cement slurry.

4. Placement of the sealant within the wells shall be by tremie pipe extending to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that displaces the standing water column. The tremie shall be incrementally

removed to retain the tremie bottom a limited distance above the top of the rising column of pellets throughout the plugging process.

5. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs, then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.

6. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.

7. NMOSE witnessing of the plugging of the soil boring will not be required.

8. Any deviation from this plan must obtain an approved variance from this office prior to implementation.

9. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 27th day of August 2025

Elizabeth K. Anderson, P.E. State Engineer

By: K. Parekh

Kashyap Parekh
Supervisor, Water Resources

ENSOLUM

APPENDIX B

Photographic Log

ENSOLUM

Photographic Log

XTO Energy, Inc
Remuda 100 Battery
nAPP2600549577

Photograph 1	Date 01/05/2026	
Description Initial release staining on pad		
View Northeast		

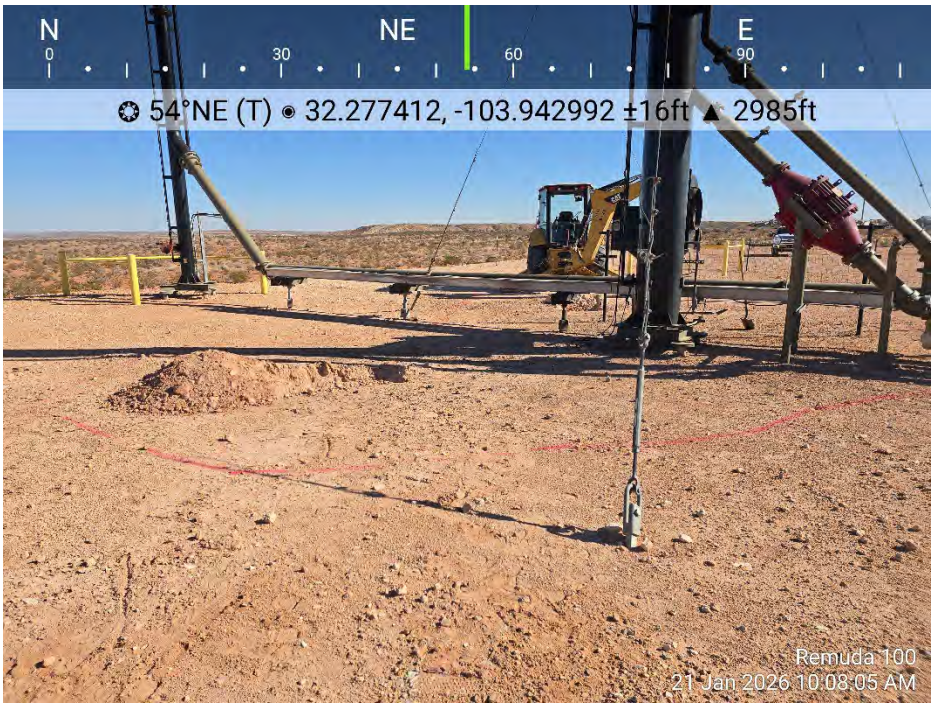
Photograph 2	Date 01/05/2026	
Description Initial release staining on pad		
View Northwest		

ENSOLUM

Photographic Log

XTO Energy, Inc
Remuda 100 Battery
nAPP2600549577

Photograph 3	Date 01/21/2026
Description: Initial surficial scrape of staining	
View: Northeast	



Photograph 4	Date 01/21/2026
Description: Vertical delineation, PH01	
View: Northeast	

ENSOLUM

Photographic Log

XTO Energy, Inc
Remuda 100 Battery
nAPP2600549577

Photograph 5	Date 01/21/2026	
Description: Vertical delineation, PH02		
View: North		
Photograph 6	Date 01/21/2026	
Description: Excavation activities		
View: East		

ENSOLUM

Photographic Log

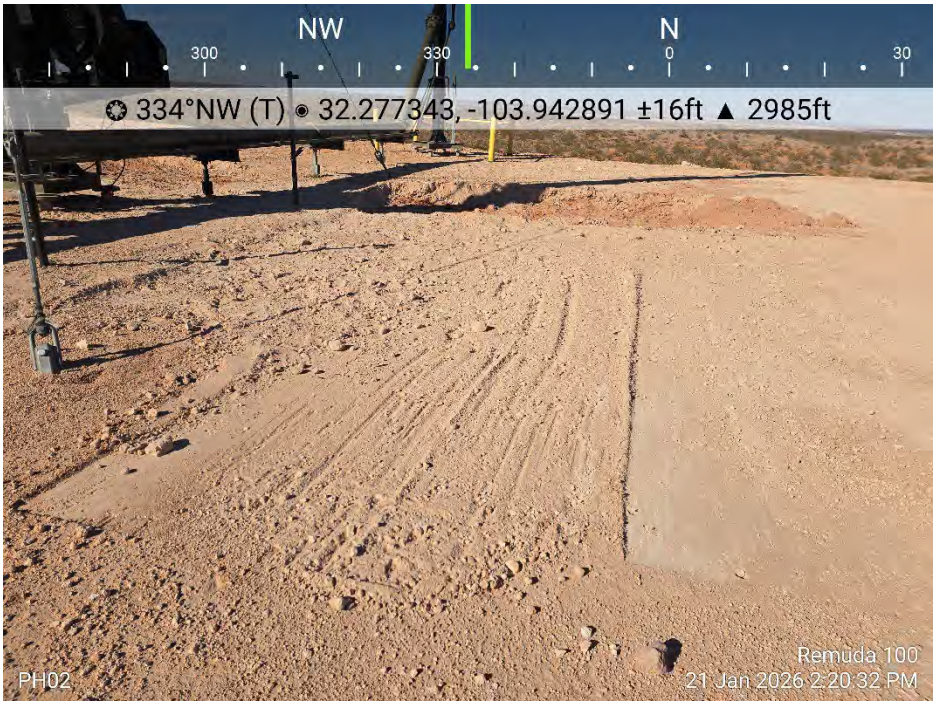
XTO Energy, Inc
Remuda 100 Battery
nAPP2600549577

Photograph	Date
7	01/21/2026

Description
Excavation activities

View
South

Photograph	Date
8	01/21/2026



Description
Excavation and surface scrape activities

View
Northwest

ENSOLUM

Photographic Log

XTO Energy, Inc
Remuda 100 Battery
nAPP2600549577

Photograph 9	Date 04/16/2026	
Description Excavation activities, CS04A		
View Southeast		

Photograph 10	Date 04/16/2026	
Description Excavation activities, CS02A		
View North		

ENSOLUM

Photographic Log

XTO Energy, Inc
Remuda 100 Battery
nAPP2600549577

Photograph 11	Date 04/16/2026	
Description Backfilled excavation, CS04A		
View South		
Photograph 12	Date 04/16/2026	
Description Backfilled excavation, CS02A		
View Southeast		

ENSOLUM

APPENDIX C

Lithologic Soil Sampling Logs

ENSOLUM	Sample Name: PH01	Date: 01/21/2026
	Site Name: Remuda 100 Battery	
	Incident Number: nAPP2600549577	
	Job Number: 03C1558806	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Mario Sarkis	Method: Backhoe
Coordinates: 32.2774108, -103.9429871	Hole Diameter: 1'	Total Depth: 1'
Comments: Field screening conducted with Petroflag for TPH.		

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0		
D	N/A	21	N	PH01	0.5		SW-SM	(0-1') Light brown to off-white, w/ some red-brown medium to fine grained sand w/ silt. Little carbonate and gypsum, subrounded to rounded gravels (0.1-5cm). Well graded, cohesive, non plastic, poorly consolidated.
D	N/A	N/A	N	PH01A	1	1		

Total Depth @ 1 feet bgs

ENSOLUM

	Sample Name: PH02	Date: 01/21/2026
	Site Name: Remuda 100 Battery	
	Incident Number: nAPP2600549577	
	Job Number: 03C1558806	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Mario Sarkis	Method: Backhoe
Coordinates: 32.277414, -103.942937	Hole Diameter: 1'	Total Depth: 1'

Comments: Field screening conducted with Petroflag for TPH.

Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0		
D	N/A	37	N	PH02	0.5		SW-SM	(0-1') Light brown to off-white, w/ some red-brown medium to fine grained sand w/ silt. Little carbonate and gypsum, subrounded to rounded gravels (0.1-5cm). Well graded, cohesive, non plastic, poorly consolidated.
D	N/A	N/A	N	PH02A	1	1		

Total Depth @ 1 feet bgs

ENSOLUM

APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

CARDINAL Laboratories

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

January 28, 2026

CHRIS WRIGHT

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: REMUDA 100 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/22/26 12:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/28/2026	Sampling Type:	Soil
Project Name:	REMUDA 100 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558806	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.277105-103.943191		

Sample ID: PH 01 0.5 (H260420-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2026	ND	1.68	84.0	2.00	1.24	
Toluene*	<0.050	0.050	01/24/2026	ND	1.61	80.4	2.00	5.79	
Ethylbenzene*	<0.050	0.050	01/24/2026	ND	1.57	78.6	2.00	7.65	
Total Xylenes*	<0.150	0.150	01/24/2026	ND	4.52	75.4	6.00	9.45	
Total BTEX	<0.300	0.300	01/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.3 %* *70.4-141*

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	01/23/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2026	ND	193	96.7	200	0.910	
DRO >C10-C28*	<10.0	10.0	01/23/2026	ND	200	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	01/23/2026	ND					

Surrogate: 1-Chlorooctane *91.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/28/2026	Sampling Type:	Soil
Project Name:	REMUDA 100 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558806	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.277105-103.943191		

Sample ID: PH 01A 1 (H260420-02)

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	01/24/2026	ND	1.68	84.0	2.00	1.24	
Toluene*	<0.050	0.050	01/24/2026	ND	1.61	80.4	2.00	5.79	
Ethylbenzene*	<0.050	0.050	01/24/2026	ND	1.57	78.6	2.00	7.65	
Total Xylenes*	<0.150	0.150	01/24/2026	ND	4.52	75.4	6.00	9.45	
Total BTEX	<0.300	0.300	01/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	01/23/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2026	ND	193	96.7	200	0.910	
DRO >C10-C28*	<10.0	10.0	01/23/2026	ND	200	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	01/23/2026	ND					

Surrogate: 1-Chlorooctane *95.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/28/2026	Sampling Type:	Soil
Project Name:	REMUDA 100 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558806	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.277105-103.943191		

Sample ID: PH 02 0.5 (H260420-03)

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	01/24/2026	ND	1.68	84.0	2.00	1.24	
Toluene*	<0.050	0.050	01/24/2026	ND	1.61	80.4	2.00	5.79	
Ethylbenzene*	<0.050	0.050	01/24/2026	ND	1.57	78.6	2.00	7.65	
Total Xylenes*	<0.150	0.150	01/24/2026	ND	4.52	75.4	6.00	9.45	
Total BTEX	<0.300	0.300	01/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.8 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	01/23/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: JF**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2026	ND	193	96.7	200	0.910	
DRO >C10-C28*	<10.0	10.0	01/23/2026	ND	200	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	01/23/2026	ND					

Surrogate: 1-Chlorooctane *97.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *100 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/28/2026	Sampling Type:	Soil
Project Name:	REMUDA 100 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558806	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.277105-103.943191		

Sample ID: PH 02A 1 (H260420-04)

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	01/24/2026	ND	1.88	94.1	2.00	4.02	
Toluene*	<0.050	0.050	01/24/2026	ND	1.89	94.7	2.00	0.709	
Ethylbenzene*	<0.050	0.050	01/24/2026	ND	2.00	99.8	2.00	3.55	
Total Xylenes*	<0.150	0.150	01/24/2026	ND	5.80	96.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.8 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	01/23/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2026	ND	193	96.7	200	0.910	
DRO >C10-C28*	<10.0	10.0	01/23/2026	ND	200	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	01/23/2026	ND					

Surrogate: 1-Chlorooctane *99.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *103 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/28/2026	Sampling Type:	Soil
Project Name:	REMUDA 100 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558806	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.277105-103.943191		

Sample ID: CS 01 0.25 (H260420-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2026	ND	1.88	94.1	2.00	4.02	
Toluene*	<0.050	0.050	01/24/2026	ND	1.89	94.7	2.00	0.709	
Ethylbenzene*	<0.050	0.050	01/24/2026	ND	2.00	99.8	2.00	3.55	
Total Xylenes*	<0.150	0.150	01/24/2026	ND	5.80	96.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.4 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	01/23/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2026	ND	193	96.7	200	0.910	
DRO >C10-C28*	<10.0	10.0	01/23/2026	ND	200	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	01/23/2026	ND					

Surrogate: 1-Chlorooctane *95.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.0 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/28/2026	Sampling Type:	Soil
Project Name:	REMUDA 100 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558806	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.277105-103.943191		

Sample ID: CS 04 0.25 (H260420-06)

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	01/24/2026	ND	1.88	94.1	2.00	4.02	
Toluene*	<0.050	0.050	01/24/2026	ND	1.89	94.7	2.00	0.709	
Ethylbenzene*	<0.050	0.050	01/24/2026	ND	2.00	99.8	2.00	3.55	
Total Xylenes*	<0.150	0.150	01/24/2026	ND	5.80	96.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1010**	16.0	01/23/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2026	ND	193	96.7	200	0.910	
DRO >C10-C28*	<10.0	10.0	01/23/2026	ND	200	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	01/23/2026	ND					

Surrogate: 1-Chlorooctane *93.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/28/2026	Sampling Type:	Soil
Project Name:	REMUDA 100 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558806	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.277105-103.943191		

Sample ID: CS 02 0.5 (H260420-07)

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	01/24/2026	ND	1.88	94.1	2.00	4.02	
Toluene*	<0.050	0.050	01/24/2026	ND	1.89	94.7	2.00	0.709	
Ethylbenzene*	<0.050	0.050	01/24/2026	ND	2.00	99.8	2.00	3.55	
Total Xylenes*	<0.150	0.150	01/24/2026	ND	5.80	96.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**976**	16.0	01/23/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2026	ND	193	96.7	200	0.910	
DRO >C10-C28*	<10.0	10.0	01/23/2026	ND	200	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	01/23/2026	ND					

Surrogate: 1-Chlorooctane *84.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/28/2026	Sampling Type:	Soil
Project Name:	REMUDA 100 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558806	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.277105-103.943191		

Sample ID: CS 03 0.5 (H260420-08)

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	01/24/2026	ND	1.88	94.1	2.00	4.02	
Toluene*	<0.050	0.050	01/24/2026	ND	1.89	94.7	2.00	0.709	
Ethylbenzene*	<0.050	0.050	01/24/2026	ND	2.00	99.8	2.00	3.55	
Total Xylenes*	<0.150	0.150	01/24/2026	ND	5.80	96.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.0 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	01/23/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2026	ND	193	96.7	200	0.910	
DRO >C10-C28*	<10.0	10.0	01/23/2026	ND	200	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	01/23/2026	ND					

Surrogate: 1-Chlorooctane *89.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/28/2026	Sampling Type:	Soil
Project Name:	REMUDA 100 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558806	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.277105-103.943191		

Sample ID: SW 01 0-0.5 (H260420-09)

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	01/24/2026	ND	1.88	94.1	2.00	4.02	
Toluene*	<0.050	0.050	01/24/2026	ND	1.89	94.7	2.00	0.709	
Ethylbenzene*	<0.050	0.050	01/24/2026	ND	2.00	99.8	2.00	3.55	
Total Xylenes*	<0.150	0.150	01/24/2026	ND	5.80	96.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.3 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	01/23/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2026	ND	193	96.7	200	0.910	
DRO >C10-C28*	<10.0	10.0	01/23/2026	ND	200	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	01/23/2026	ND					

Surrogate: 1-Chlorooctane *87.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

1 of

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC
Project Manager: Chris Wright
Address: 3122 National Parks Hwy
City: Carlsbad State: NM Zip: 88220
Phone #: 575-706-6266 Fax #:
Project #: 03C1558806 Project Owner:
Project Name: Remuda 100 Battery
Project Location: 32.277105, -103.943191
Sampler Name: Mario Sarkis

BILL TO
P.O. #:
Company: XTO
Attn: Dale Woodall
Address: 3104 E. Greenest
City: Carlsbad
State: NM Zip: 88220
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME	BTEX	TPH	Chlorides
H260420-1	PH01	0.5	G				✓					✓		1/21/26	0904	✓	✓	✓
2	PH01A	1	G				✓					✓		1/21/26	0908	✓	✓	✓
3	PH02	0.5	G				✓					✓		1/21/26	0915	✓	✓	✓
4	PH02A	1	G				✓					✓		1/21/26	0917	✓	✓	✓
5	CS01	0.25	C				✓					✓		1/21/26	1117	✓	✓	✓
6	CS04	0.25	C				✓					✓		1/21/26	1130	✓	✓	✓
7	CS02	0.5	C				✓					✓		1/21/26	1317	✓	✓	✓
8	CS03	0.5	C				✓					✓		1/21/26	1400	✓	✓	✓
9	SW01	0-0.5	C				✓					✓		1/21/26	1401	✓	✓	✓

MRS

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CS 1040240 1K

Relinquished By: Date: 1.22.26 Time: 1347 Received By: SRodriguez
Relinquished By: Date: Time: Received By:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 1.8 Corrected Temp. °C 1.9
Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
CHECKED BY: (Initials) SR

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: cwright@ensolum.com, msarkis@ensolum.com, Thillard@ensolum.com, richard.kotzure@exxonmobile.com
REMARKS:

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #140 (#113) Correction Factor -0.5°C +0.1
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C Corrected Temp. °C

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

FORM-006 R 3.2 10/07/21

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Wright
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 4/27/2026 3:03:33 PM

JOB DESCRIPTION

Remuda 100 battery
03C1558806

JOB NUMBER

890-9793-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

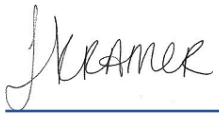
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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4/27/2026 3:03:33 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Ensolum
Project/Site: Remuda 100 battery

Laboratory Job ID: 890-9793-1
SDG: 03C1558806

Table of Contents

Definitions/Glossary

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ensolum Job ID: 890-9793-1
Project: Remuda 100 battery

Job ID: 890-9793-1 Eurofins Carlsbad

Job Narrative
890-9793-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/17/2026 12:04 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS04A (890-9793-1), SW02 (890-9793-2), CS02A (890-9793-3) and SW03 (890-9793-4).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: SW02 (890-9793-2) and SW03 (890-9793-4). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138595 and 880-138607 and analytical batch 880-138842 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138607 and analytical batch 880-138842 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS04A (890-9793-1), SW02 (890-9793-2), CS02A (890-9793-3) and SW03 (890-9793-4). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138247 and analytical batch 880-138804 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138247 and analytical batch 880-138804 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-138804 recovered outside control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-138804/57).

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS02A (890-9793-3). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

Case Narrative

Client: Ensolum
Project: Remuda 100 battery

Job ID: 890-9793-1

Job ID: 890-9793-1 (Continued)

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Client Sample ID: CS04A

Lab Sample ID: 890-9793-1
Matrix: Solid
Date Collected: 04/16/26 12:35
Date Received: 04/17/26 12:04
Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 22:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 22:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 22:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 13:01	04/25/26 22:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 22:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 13:01	04/25/26 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/22/26 13:01*	*04/25/26 22:57*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/22/26 13:01*	*04/25/26 22:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/26 22:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/24/26 06:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/19/26 17:38	04/24/26 06:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		04/19/26 17:38	04/24/26 06:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:38	04/24/26 06:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*04/19/26 17:38*	*04/24/26 06:54*	*1*
o-Terphenyl	*92*		*70 - 130*	*04/19/26 17:38*	*04/24/26 06:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**268**		10.1		mg/Kg			04/22/26 17:12	1

Client Sample ID: SW02

Lab Sample ID: 890-9793-2
Matrix: Solid
Date Collected: 04/16/26 12:40
Date Received: 04/17/26 12:04
Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 23:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 23:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 23:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 13:01	04/25/26 23:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:01	04/25/26 23:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 13:01	04/25/26 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/22/26 13:01*	*04/25/26 23:18*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Client Sample ID: SW02

Lab Sample ID: 890-9793-2
Matrix: Solid
Date Collected: 04/16/26 12:40
Date Received: 04/17/26 12:04
Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/22/26 13:01*	*04/25/26 23:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/25/26 23:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/24/26 07:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/26 17:38	04/24/26 07:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		04/19/26 17:38	04/24/26 07:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/26 17:38	04/24/26 07:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*04/19/26 17:38*	*04/24/26 07:15*	*1*
o-Terphenyl	*83*		*70 - 130*	*04/19/26 17:38*	*04/24/26 07:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**298**		9.92	mg/Kg			04/22/26 17:17	1

Client Sample ID: CS02A

Lab Sample ID: 890-9793-3
Matrix: Solid
Date Collected: 04/16/26 14:10
Date Received: 04/17/26 12:04
Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/22/26 13:01	04/25/26 23:38	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/22/26 13:01	04/25/26 23:38	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/22/26 13:01	04/25/26 23:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/22/26 13:01	04/25/26 23:38	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/22/26 13:01	04/25/26 23:38	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/22/26 13:01	04/25/26 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/22/26 13:01*	*04/25/26 23:38*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/22/26 13:01*	*04/25/26 23:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			04/25/26 23:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/24/26 07:56	1

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Client Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Client Sample ID: CS02A

Lab Sample ID: 890-9793-3
Matrix: Solid
Date Collected: 04/16/26 14:10
Date Received: 04/17/26 12:04
Sample Depth: 1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:38	04/24/26 07:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		04/19/26 17:38	04/24/26 07:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:38	04/24/26 07:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*	*S1-*	*70 - 130*	*04/19/26 17:38*	*04/24/26 07:56*	*1*
o-Terphenyl	*67*	*S1-*	*70 - 130*	*04/19/26 17:38*	*04/24/26 07:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**290**		10.0		mg/Kg			04/22/26 17:22	1

Client Sample ID: SW03

Lab Sample ID: 890-9793-4
Matrix: Solid
Date Collected: 04/16/26 14:15
Date Received: 04/17/26 12:04
Sample Depth: 0-1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:01	04/25/26 23:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:01	04/25/26 23:59	1
Ethylbenzene	**0.00405**		0.00199		mg/Kg		04/22/26 13:01	04/25/26 23:59	1
m-Xylene & p-Xylene	**0.0215**		0.00398		mg/Kg		04/22/26 13:01	04/25/26 23:59	1
o-Xylene	**0.0155**		0.00199		mg/Kg		04/22/26 13:01	04/25/26 23:59	1
Xylenes, Total	**0.0370**		0.00398		mg/Kg		04/22/26 13:01	04/25/26 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/22/26 13:01*	*04/25/26 23:59*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/22/26 13:01*	*04/25/26 23:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0411**		0.00398		mg/Kg			04/25/26 23:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/24/26 08:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 08:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/19/26 17:38	04/24/26 08:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 08:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*04/19/26 17:38*	*04/24/26 08:17*	*1*
o-Terphenyl	*75*		*70 - 130*	*04/19/26 17:38*	*04/24/26 08:17*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Client Sample ID: SW03

Date Collected: 04/16/26 14:15
Date Received: 04/17/26 12:04
Sample Depth: 0-1

Lab Sample ID: 890-9793-4

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	307		10.1		mg/Kg			04/22/26 17:27	1

Surrogate Summary

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-71364-A-13-B MS	Matrix Spike	128	15 S1-
880-71364-A-13-C MSD	Matrix Spike Duplicate	128	95
890-9791-A-31-E MS	Matrix Spike	96	109
890-9791-A-31-F MSD	Matrix Spike Duplicate	101	103
890-9793-1	CS04A	98	83
890-9793-2	SW02	117	99
890-9793-3	CS02A	106	91
890-9793-4	SW03	95	82
LCS 880-138607/1-A	Lab Control Sample	85	107
LCS 880-138827/1-A	Lab Control Sample	130	106
LCSD 880-138607/2-A	Lab Control Sample Dup	87	115
LCSD 880-138827/2-A	Lab Control Sample Dup	120	96
MB 880-138595/5-A	Method Blank	219 S1+	123
MB 880-138607/5-A	Method Blank	250 S1+	120
MB 880-138827/5-A	Method Blank	120	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-71105-A-1-I MS	Matrix Spike	97	70
880-71105-A-1-J MSD	Matrix Spike Duplicate	64 S1-	46 S1-
890-9793-1	CS04A	92	92
890-9793-2	SW02	98	83
890-9793-3	CS02A	68 S1-	67 S1-
890-9793-4	SW03	73	75
LCS 880-138247/2-A	Lab Control Sample	126	116
LCSD 880-138247/3-A	Lab Control Sample Dup	85	80
MB 880-138247/1-A	Method Blank	75	75

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138595/5-A
Matrix: Solid
Analysis Batch: 138842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138595

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 11:50	04/25/26 05:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 11:50	04/25/26 05:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*219*	*S1+*	*70 - 130*	*04/22/26 11:50*	*04/25/26 05:55*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*04/22/26 11:50*	*04/25/26 05:55*	*1*

Lab Sample ID: MB 880-138607/5-A
Matrix: Solid
Analysis Batch: 138842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138607

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:01	04/25/26 17:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 13:01	04/25/26 17:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*250*	*S1+*	*70 - 130*	*04/22/26 13:01*	*04/25/26 17:34*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*04/22/26 13:01*	*04/25/26 17:34*	*1*

Lab Sample ID: LCS 880-138607/1-A
Matrix: Solid
Analysis Batch: 138842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138607

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1092		mg/Kg		109	70 - 130		
Toluene			0.100	0.08493		mg/Kg		85	70 - 130		
Ethylbenzene			0.100	0.09333		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene			0.200	0.1679		mg/Kg		84	70 - 130		
o-Xylene			0.100	0.07984		mg/Kg		80	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-138607/2-A
Matrix: Solid
Analysis Batch: 138842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138607

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09445		mg/Kg		94	70 - 130	14	35

QC Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-138607/2-A
Matrix: Solid
Analysis Batch: 138842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138607

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.07651		mg/Kg		77	70 - 130	10	35
Ethylbenzene			0.100	0.08899		mg/Kg		89	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1621		mg/Kg		81	70 - 130	4	35
o-Xylene			0.100	0.07831		mg/Kg		78	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*

Lab Sample ID: 890-9791-A-31-E MS
Matrix: Solid
Analysis Batch: 138842

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07660		mg/Kg		77	70 - 130
Toluene	<0.00200	U F1	0.100	0.05943	F1	mg/Kg		59	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.05906	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1263	F1	mg/Kg		63	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06416	F1	mg/Kg		64	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 890-9791-A-31-F MSD
Matrix: Solid
Analysis Batch: 138842

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138607

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07887		mg/Kg		79	70 - 130	3	35
Toluene	<0.00200	U F1	0.100	0.06583	F1	mg/Kg		66	70 - 130	10	35
Ethylbenzene	<0.00200	U F1	0.100	0.06846	F1	mg/Kg		68	70 - 130	15	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1416		mg/Kg		71	70 - 130	11	35
o-Xylene	<0.00200	U F1	0.100	0.07067		mg/Kg		71	70 - 130	10	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 880-138827/5-A
Matrix: Solid
Analysis Batch: 138828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138827

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/24/26 07:44	04/24/26 09:10	1

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QC Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-138827/5-A
Matrix: Solid
Analysis Batch: 138828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138827

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/26 07:44	04/24/26 09:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/24/26 07:44*	*04/24/26 09:10*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/24/26 07:44*	*04/24/26 09:10*	*1*

Lab Sample ID: LCS 880-138827/1-A
Matrix: Solid
Analysis Batch: 138828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138827

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1106		mg/Kg		111	70 - 130		
Toluene			0.100	0.1049		mg/Kg		105	70 - 130		
Ethylbenzene			0.100	0.1095		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene			0.200	0.2145		mg/Kg		107	70 - 130		
o-Xylene			0.100	0.1090		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-138827/2-A
Matrix: Solid
Analysis Batch: 138828

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138827

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1058		mg/Kg		106	70 - 130	4	35
Toluene			0.100	0.1004		mg/Kg		100	70 - 130	4	35
Ethylbenzene			0.100	0.1037		mg/Kg		104	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2020		mg/Kg		101	70 - 130	6	35
o-Xylene			0.100	0.1027		mg/Kg		103	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-71364-A-13-B MS
Matrix: Solid
Analysis Batch: 138828

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1187		mg/Kg		119	70 - 130		
Toluene	<0.00200	U	0.100	0.1088		mg/Kg		109	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1136		mg/Kg		114	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2216		mg/Kg		111	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1119		mg/Kg		112	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-71364-A-13-B MS
Matrix: Solid
Analysis Batch: 138828

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138827

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*
1,4-Difluorobenzene (Surr)	*15*	*S1-*	*70 - 130*

Lab Sample ID: 880-71364-A-13-C MSD
Matrix: Solid
Analysis Batch: 138828

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138827

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1120		mg/Kg		112	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.1039		mg/Kg		104	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.1083		mg/Kg		108	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2105		mg/Kg		105	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.1059		mg/Kg		106	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-138247/1-A
Matrix: Solid
Analysis Batch: 138804

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138247

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 02:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 02:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 02:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*75*		*70 - 130*	*04/19/26 17:38*	*04/24/26 02:29*	*1*
o-Terphenyl	*75*		*70 - 130*	*04/19/26 17:38*	*04/24/26 02:29*	*1*

Lab Sample ID: LCS 880-138247/2-A
Matrix: Solid
Analysis Batch: 138804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138247

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1117		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1134		mg/Kg		113	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	*126*		*70 - 130*
o-Terphenyl	*116*		*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-138247/3-A
Matrix: Solid
Analysis Batch: 138804

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138247

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1082		mg/Kg		108	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	774.7	*1	mg/Kg		77	70 - 130	38	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*80*		*70 - 130*

Lab Sample ID: 880-71105-A-1-I MS
Matrix: Solid
Analysis Batch: 138804

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138247

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1 F2	1000	659.2	F1	mg/Kg		63	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U *1 F1 F2	1000	610.9	F1	mg/Kg		59	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*
o-Terphenyl	*70*		*70 - 130*

Lab Sample ID: 880-71105-A-1-J MSD
Matrix: Solid
Analysis Batch: 138804

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138247

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1 F2	1000	1042	F2	mg/Kg		101	70 - 130	45	20
Diesel Range Organics (Over C10-C28)	<50.1	U *1 F1 F2	1000	399.0	F1 F2	mg/Kg		38	70 - 130	42	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*64*	*S1-*	*70 - 130*
o-Terphenyl	*46*	*S1-*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138336/1-A
Matrix: Solid
Analysis Batch: 138471

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/22/26 14:56	1

QC Sample Results

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-138336/2-A
Matrix: Solid
Analysis Batch: 138471

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	248.5		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-138336/3-A
Matrix: Solid
Analysis Batch: 138471

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	237.5		mg/Kg		95	90 - 110	5	20

Lab Sample ID: 880-71151-A-2-C MS
Matrix: Solid
Analysis Batch: 138471

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	101		250	365.4		mg/Kg		106	90 - 110		

Lab Sample ID: 880-71151-A-2-D MSD
Matrix: Solid
Analysis Batch: 138471

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	101		250	359.9		mg/Kg		103	90 - 110	2	20

QC Association Summary

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

GC VOA

Prep Batch: 138595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138595/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 138607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9793-1	CS04A	Total/NA	Solid	5035	
890-9793-2	SW02	Total/NA	Solid	5035	
890-9793-3	CS02A	Total/NA	Solid	5035	
890-9793-4	SW03	Total/NA	Solid	5035	
MB 880-138607/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138607/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138607/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9791-A-31-E MS	Matrix Spike	Total/NA	Solid	5035	
890-9791-A-31-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 138827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138827/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138827/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138827/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71364-A-13-B MS	Matrix Spike	Total/NA	Solid	5035	
880-71364-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 138828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138827/5-A	Method Blank	Total/NA	Solid	8021B	138827
LCS 880-138827/1-A	Lab Control Sample	Total/NA	Solid	8021B	138827
LCSD 880-138827/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138827
880-71364-A-13-B MS	Matrix Spike	Total/NA	Solid	8021B	138827
880-71364-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138827

Analysis Batch: 138842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9793-1	CS04A	Total/NA	Solid	8021B	138607
890-9793-2	SW02	Total/NA	Solid	8021B	138607
890-9793-3	CS02A	Total/NA	Solid	8021B	138607
890-9793-4	SW03	Total/NA	Solid	8021B	138607
MB 880-138595/5-A	Method Blank	Total/NA	Solid	8021B	138595
MB 880-138607/5-A	Method Blank	Total/NA	Solid	8021B	138607
LCS 880-138607/1-A	Lab Control Sample	Total/NA	Solid	8021B	138607
LCSD 880-138607/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138607
890-9791-A-31-E MS	Matrix Spike	Total/NA	Solid	8021B	138607
890-9791-A-31-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138607

Analysis Batch: 139077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9793-1	CS04A	Total/NA	Solid	Total BTEX	
890-9793-2	SW02	Total/NA	Solid	Total BTEX	
890-9793-3	CS02A	Total/NA	Solid	Total BTEX	
890-9793-4	SW03	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

GC Semi VOA

Prep Batch: 138247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9793-1	CS04A	Total/NA	Solid	8015NM Prep	
890-9793-2	SW02	Total/NA	Solid	8015NM Prep	
890-9793-3	CS02A	Total/NA	Solid	8015NM Prep	
890-9793-4	SW03	Total/NA	Solid	8015NM Prep	
MB 880-138247/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138247/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138247/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71105-A-1-I MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71105-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9793-1	CS04A	Total/NA	Solid	8015B NM	138247
890-9793-2	SW02	Total/NA	Solid	8015B NM	138247
890-9793-3	CS02A	Total/NA	Solid	8015B NM	138247
890-9793-4	SW03	Total/NA	Solid	8015B NM	138247
MB 880-138247/1-A	Method Blank	Total/NA	Solid	8015B NM	138247
LCS 880-138247/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138247
LCSD 880-138247/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138247
880-71105-A-1-I MS	Matrix Spike	Total/NA	Solid	8015B NM	138247
880-71105-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138247

Analysis Batch: 139034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9793-1	CS04A	Total/NA	Solid	8015 NM	
890-9793-2	SW02	Total/NA	Solid	8015 NM	
890-9793-3	CS02A	Total/NA	Solid	8015 NM	
890-9793-4	SW03	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9793-1	CS04A	Soluble	Solid	DI Leach	
890-9793-2	SW02	Soluble	Solid	DI Leach	
890-9793-3	CS02A	Soluble	Solid	DI Leach	
890-9793-4	SW03	Soluble	Solid	DI Leach	
MB 880-138336/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138336/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138336/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71151-A-2-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-71151-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 138471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9793-1	CS04A	Soluble	Solid	300.0	138336
890-9793-2	SW02	Soluble	Solid	300.0	138336
890-9793-3	CS02A	Soluble	Solid	300.0	138336
890-9793-4	SW03	Soluble	Solid	300.0	138336
MB 880-138336/1-A	Method Blank	Soluble	Solid	300.0	138336
LCS 880-138336/2-A	Lab Control Sample	Soluble	Solid	300.0	138336

QC Association Summary

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

HPLC/IC (Continued)

Analysis Batch: 138471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-138336/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138336
880-71151-A-2-C MS	Matrix Spike	Soluble	Solid	300.0	138336
880-71151-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	138336

Lab Chronicle

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Client Sample ID: CS04A
Date Collected: 04/16/26 12:35
Date Received: 04/17/26 12:04

Lab Sample ID: 890-9793-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 22:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139077	04/25/26 22:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			139034	04/24/26 06:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 06:54	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138336	04/20/26 15:07	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138471	04/22/26 17:12	CS	EET MID

Client Sample ID: SW02
Date Collected: 04/16/26 12:40
Date Received: 04/17/26 12:04

Lab Sample ID: 890-9793-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139077	04/25/26 23:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			139034	04/24/26 07:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 07:15	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138336	04/20/26 15:07	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138471	04/22/26 17:17	CS	EET MID

Client Sample ID: CS02A
Date Collected: 04/16/26 14:10
Date Received: 04/17/26 12:04

Lab Sample ID: 890-9793-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139077	04/25/26 23:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			139034	04/24/26 07:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 07:56	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138336	04/20/26 15:07	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138471	04/22/26 17:22	CS	EET MID

Client Sample ID: SW03
Date Collected: 04/16/26 14:15
Date Received: 04/17/26 12:04

Lab Sample ID: 890-9793-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138607	04/22/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138842	04/25/26 23:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139077	04/25/26 23:59	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Client Sample ID: SW03

Date Collected: 04/16/26 14:15
Date Received: 04/17/26 12:04

Lab Sample ID: 890-9793-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			139034	04/24/26 08:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 08:17	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	138336	04/20/26 15:07	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138471	04/22/26 17:27	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ensolum
Project/Site: Remuda 100 battery

Job ID: 890-9793-1
SDG: 03C1558806

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9793-1	CS04A	Solid	04/16/26 12:35	04/17/26 12:04	1
890-9793-2	SW02	Solid	04/16/26 12:40	04/17/26 12:04	0-1
890-9793-3	CS02A	Solid	04/16/26 14:10	04/17/26 12:04	1
890-9793-4	SW03	Solid	04/16/26 14:15	04/17/26 12:04	0-1

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

890-9793 Chain of Custody

Project Manager:	Chris Wright	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum	Company Name:	XTO Energy, Inc
Address:	3122 National Parks Hwy	Address:	3104 E Greene St
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	575 706 6266	Email:	cwright, jboxley, Kthomason, Tmorrissey, Thillard; Jreich; Bbelill @ensolum.com richard.kotzur@exxonmobil.com robert.d.woodall@exxonmobil.com

Work Order Comments

Program: UST/PST ☐ RP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Remuda 100 Battery	Turn Around	☑ Routine ☐ Rush
Project Number:	03C1558 806	Due Date:	5 day
Project Location:	32.277105 -103.943191	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Joshua Boxley		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR#6
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.6
Total Containers:		Corrected Temperature:	2.4

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: CHLORIDES (EPA: 300.0)	TPH	BTEX
CS04A	Soil	4.16.26	1235	1	Comp	1	Cool	X	X	X
SW02			1240	0-1						
CS02A			1410	1						
SW03	Soil	4.16.26	1415	0-1	Comp	1		X	X	X

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Incident ID: NAPP2600549577
CC: 1067621001
GFCM: H&605000-Spills

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		12:04 4/17			
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6820.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9793-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/23/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Remuda 100 battery	Project #: 89000110			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS04A (890-9793-1)	4/16/26	12:35 Mountain	G	Solid			X	X	X	X	X	1	
SW02 (890-9793-2)	4/16/26	12:40 Mountain	G	Solid			X	X	X	X	X	1	
CS02A (890-9793-3)	4/16/26	14:10 Mountain	G	Solid			X	X	X	X	X	1	
SW03 (890-9793-4)	4/16/26	14:15 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				4-20-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9793-1
SDG Number: 03C1558806

Login Number: 9793
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9793-1
SDG Number: 03C1558806

Login Number: 9793
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/19/26 03:38 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

ENSOLUM

APPENDIX E

Spill Volume Calculations

Location:	Remuda 100 Battery	
Spill Date:	1/4/2026	
Incident #:	nAPP2600549577	
Area 1		
Approximate Area =	775	sq. ft.
Average Saturation (or depth) of spill =	0.1	inches
Average Porosity Factor =	0.15	
VOLUME OF LEAK		
Total Crude Oil =	0.17	bbls
Total Produced Water =	0	bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	**0.17**	**bbls**
Total Produced Water =	**0**	**bbls**
TOTAL VOLUME RECOVERED		
Total Crude Oil =	**0**	**bbls**
Total Produced Water =	**0**	**bbls**

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

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 540175
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2600549577**
Incident Name	**NAPP2600549577 REMUDA 100 BATTERY @ E-25-23S-29E**
Incident Type	**Fire**
Incident Status	**Initial C-141 Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Remuda 100 Battery
Date Release Discovered	01/04/2026
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Equipment Failure | Pump | Condensate | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
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)	Guppy pump failed, resulting in fluid out the low-pressure flare, which ignited.

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 540175
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a 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: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 01/05/2026

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 540175
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
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	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 540175
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	1/6/2026

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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 591101

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 591101
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2600549577**
Incident Name	**NAPP2600549577 REMUDA 100 BATTERY @ E-25-23S-29E**
Incident Type	**Fire**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Remuda 100 Battery
Date Release Discovered	01/04/2026
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Equipment Failure | Pump | Condensate | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
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)	Guppy pump failed, resulting in fluid out the low-pressure flare, which ignited.

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 591101
	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)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a 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: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/02/2026

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1220 S. St Francis Dr.
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QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 591101
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	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 200 and 300 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	1010
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		01/21/2026
On what date will (or did) the final sampling or liner inspection occur		04/16/2026
On what date will (or was) the remediation complete(d)		04/16/2026
What is the estimated surface area (in square feet) that will be reclaimed		814
What is the estimated volume (in cubic yards) that will be reclaimed		38
What is the estimated surface area (in square feet) that will be remediated		814
What is the estimated volume (in cubic yards) that will be remediated		38
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 591101
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/02/2026
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.	

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.
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QUESTIONS (continued)

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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 (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**572948**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/16/2026**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**400**

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	814
What was the total volume (cubic yards) remediated	38
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	814
What was the total volume (in cubic yards) reclaimed	38
Summarize any additional remediation activities not included by answers (above)	Site assessment and excavation activities were conducted at the Site to address the January 4, 2026 condensate release resulting in fire. Laboratory analytical results for all confirmation soil samples collected from the release extent and final excavation extent indicated that all COC concentrations were compliant with the Closure Criteria. 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. Excavation of impacted soil has mitigated potential impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs, the Site is mapped within a medium potential karst designation area, and a seasonal dry wash exists 252 feet northwest of the site, with no other sensitive receptors 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 nAPP2600549577.
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: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/02/2026

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QUESTIONS (continued)

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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

Operator:	OGRID:
XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	5380
	Action Number: 591101
	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 #nAPP2600549577 Remuda 100 Battery, thank you. This Remediation Closure Report is approved.	6/3/2026