ENSOLUM

June 29, 2026

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

Re: Remediation Work Plan
Corral Canyon 8 Satellite
Incident Number nAPP2600251804
Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Remediation Work Plan* (*Work Plan)* to document liner inspection and delineation activities for a crude oil release into a lined containment associated with Corral Canyon 8 Satellite (Site). The following *Work Plan* describes remedial activities completed and proposes to advance a soil boring to confirm depth to groundwater.

SITE DESCRIPTION AND RELEASE SUMMARY

The release location was originally reported to the New Mexico Oil Conservation District (NMOCD) in Unit K, Section 08, Township 25 South, Range 29 East in Eddy County, New Mexico at 32.142101°, -104.007201°, however, based on release photos collected immediately following the release, the release area is located in Unit J, Section 08, Township 25 South, Range 29 East at 32.142931°, -104.006124° and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On December 31, 2025, worn packing of a lease automatic custody transfer (LACT) unit resulted in the release of 8 barrels (bbls) of crude oil into a steel-walled lined containment measuring approximately 700 square feet. A vacuum truck was dispatched to the Site to recover free-standing fluid, and all released fluid was recovered. The LACT unit was repaired and returned to service. XTO reported the release to the NMOCD on a Notification of Release (NOR) and an Initial C-141 Application (C-141) on January 2, 2026. The release was assigned Incident Number nAPP2600251804.

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 and potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is a New Mexico Office of the State Engineer (NMOSE) well C-2518, located

approximately 1,344 feet southeast of the Site. The most recently reported depth to groundwater measurement in the well was collected on June 2, 1997, and documented as a dry hole to the total depth of 462 feet bgs. The second nearest groundwater data to the Site is NMOSE well C-4503, located 4,214 feet east of the Site and was advanced to 110 feet bgs on April 19, 2021 with no groundwater encountered. A field geologist logged and described the soils and lithology continuously. The temporary well was left open for 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater is greater than 110 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. Both wells used for depth to water determination are depicted on Figure 1 and the Well Record and Logs and Plugging Record are included in Appendix A.

The nearest continuously flowing or significant watercourse is a dry wash located 826 feet south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area), according to an *Environmental Karst Study Report* conducted by Southwest Geophysical Consulting at the Site in July 2025. The *Environmental Karst Study Report* is included in Appendix B.

Based on the current results of the Site Characterization, and the NMOCD preference for relevant groundwater data to be within 0.5 miles of the Site and within 25 years of age from the time the release occured, XTO proposes to advance a depth to groundwater soil boring to 55 feet bgs within 0.5 miles of the Site to verify regional groundwater depth at the Site. Land access has already been approved by the BLM and NMOSE drilling permits and plugging plan have been approved by NMOSE for a proposed drilling location approximately 67 feet north of the work area. BLM land access approval, approved drilling permits, and an approved plugging plan are included in Appendix C. Assuming the regional depth to groundwater is confirmed equal to or greater than 51 feet bgs, the following NMOCD Table I Closure Criteria (Closure Criteria) will be applied:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

LINER INTEGRITY INSPECTION ACTIVITIES

After a review of the C-141, internal documents, and initial release photographs, it was confirmed the release occurred within the lined containment. The lined containment was cleaned of all debris and power washed. A 48-hour advanced notice of the liner inspection was submitted to the NMOCD on January 26, 2026. On January 29, 2026, the lined containment was inspected by Ensolum personnel and results indicated one breach was identified on the floor of the liner. Photographic documentation of the liner inspection is included in Appendix E. Following the results of the liner integrity inspection, delineation activities were warranted.

DELINEATION SOIL SAMPLING AND SURFACE IMPACTS REMOVAL ACTIVITIES

Beginning on February 13, 2026, Ensolum personnel were at the Site to oversee delineation activities. Delineation activities were completed utilizing a hand auger and backpack core drill. One borehole (BH01) was advanced to a depth of 3-feet bgs in the location of the tear in the liner. Four boreholes (BH02 through BH05) were advanced around the lined containment to total depths ranging from 3 feet to 4 feet bgs to assess the lateral extent of the release. The delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. Field screening results and observations of the soil samples collected from the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix D. The delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation of the delineation activities are included in Appendix E.

The delineation soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, depth, 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 Laboratories (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-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500 or EPA 300.0.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples collected in borehole BH01 at depths of 0.5 feet to 2 feet bgs, indicate TPH and GRO+DRO concentrations exceed the proposed Site Closure Criteria. Laboratory analytical results for BH01C, collected at 3 feet bgs, indicated all COCs were in compliance with the strictest Table I Closure Criteria, successfully defining the vertical extent of the release. All other delineation soil sample results indicated all COC concentrations were in compliance with the Site Closure Criteria and strictest Table I NMOCD Closure Criteria except for BH02B at 3 feet bgs, and BH02C at 4 feet bgs, indicating elevated chloride concentrations of 768 mg/kg and 784 mg/kg, respectively. Considering crude oil was released and not produced water, and that BH02 and BH02A had minimal chloride concentrations and were collected above PH02B and PH02C, the elevated chloride levels exhibited in PH02B and PH02C is not the result of migration from the ground surface directly above the elevated chlorides. It is likely that the elevated chloride concentrations identified at the Site are due to the presence of the Permian Rustler geological formation located directly underneath the Site, which is prone to having naturally occurring chloride concentrations present. The Permian Rustler formation was also identified as underlying the Site based on the findings provided in the *Environmental Karst Study Report* and the interpretation by Southwest Geophysical Consulting.

Laboratory analytical results are summarized in Table 1 and the laboratory analytical reports are included in Appendix F.

PROPOSED REMEDIATION WORK PLAN

The delineation soil sampling results indicate that soil containing TPH impacted soil exists across an approximate 700 square foot area immediately beneath the lined containment. As such, XTO proposes completing the following remediation activities:

- Advance a soil boring within a 0.5-mile radius to the Site, to confirm the regional groundwater depth is equal to or greater than 51 feet bgs, as described above.

- If the soil boring indicates depth to water is equal to or less than 50 feet bgs, the most stringent Table I Closure Criteria will be applied to the remediation activities.

- If groundwater depth is equal to or greater than 51 feet bgs, an engineering schematic and report will be completed to support that the TPH impacted soil identified cannot be removed due to the active processing equipment and pipelines located around and within the lined containment. A *Deferral Request* will subsequently be submitted to the NMOCD and the BLM that will include the proposed deferral area.

XTO believes this *Work Plan* is protective of human health, the environment, and groundwater. As such, XTO requests approval of this *Work Plan* by NMOCD.

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

Benjamin J. Belill
Senior Geologist

cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Well Records and Logs
Appendix B	*Environmental Karst Study Report*
Appendix C	Approved Land Access, Drilling Permit, and Plugging Plan
Appendix D	Lithologic Soil Sampling Logs
Appendix E	Photographic Log
Appendix F	Laboratory Analytical Reports & Chain of Custody Documentation
Appendix G	Spill Volume Calculations

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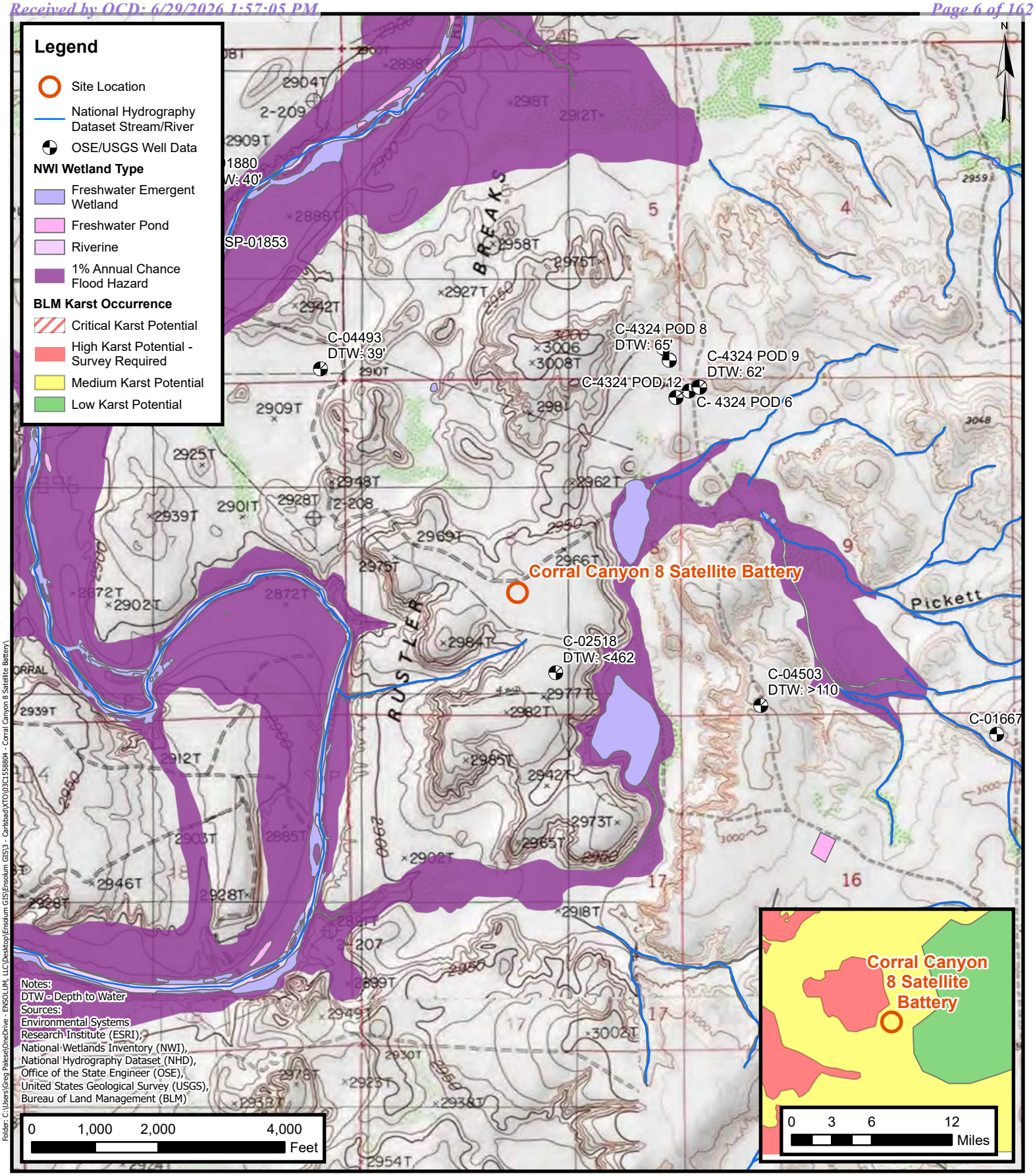
FIGURES



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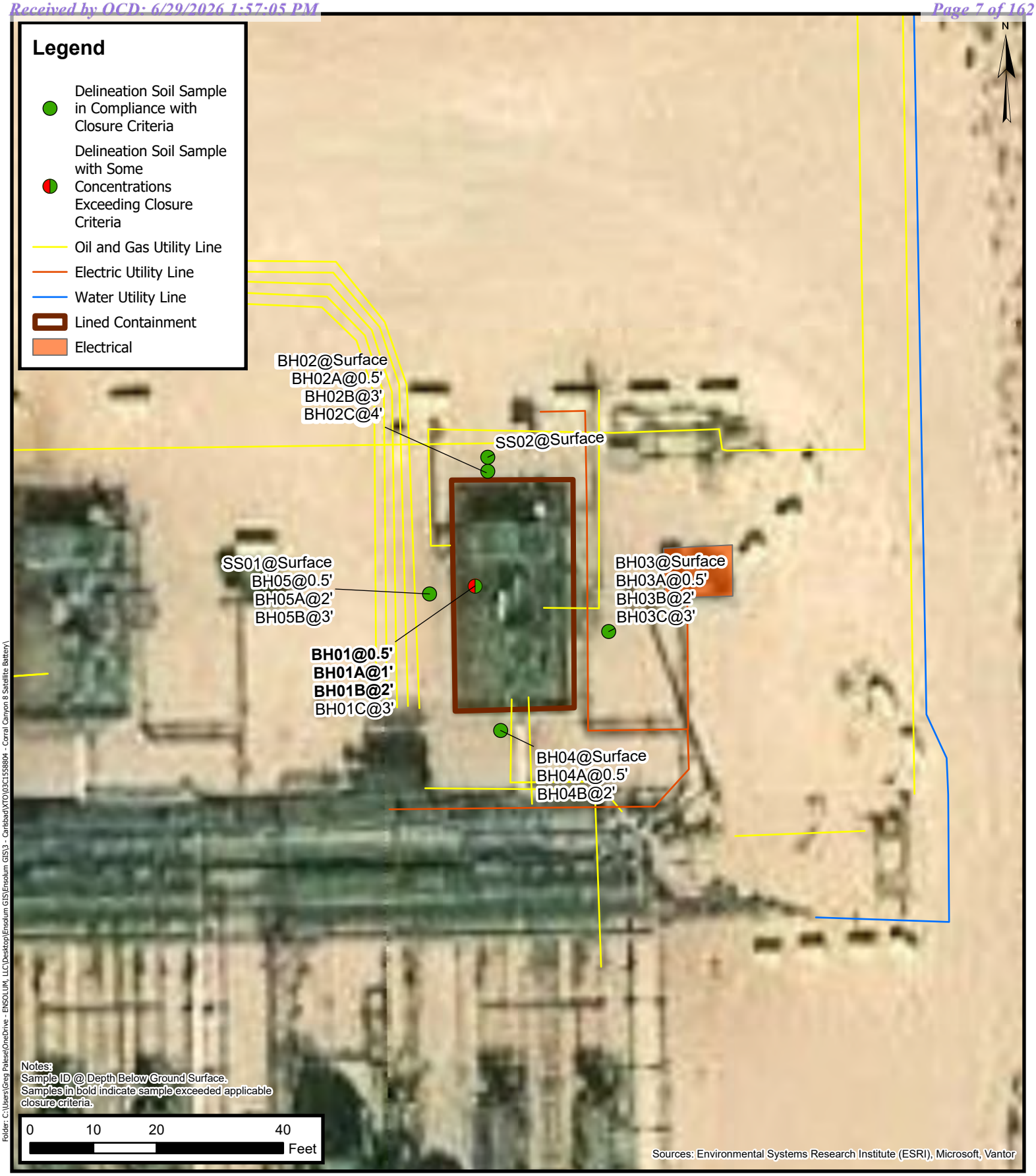
Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

XTO Energy, Inc
Corral Canyon 8 Satellite Battery
Incident Number: nAPP2600251804
Unit K, Section 08, T 25S, R 29E
Eddy County, New Mexico

FIGURE 1



Folder: C:\Users\Greg Patese\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\3 - Carlsbad\XTO\03C1558804 - Corral Canyon 8 Satellite Battery\

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Delineation Soil Sample Locations

XTO Energy, Inc
Corral Canyon 8 Satellite Battery
Incident Number: nAPP2600251804
Unit K, Section 08, T 25S, R 29E
Eddy County, New Mexico

FIGURE 2

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Corral Canyon 8 Sat / Incident Number nAPP2600251804
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)
Proposed NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples										
SS01	02/13/2026	Surface	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	16.5
SS02	03/10/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
BH01	02/13/2026	0.5	0.00573	0.505	385	6,020	76.6	**6,405**	**6,480**	51.4
BH01A	02/13/2026	1	0.0195	0.416	375	5,990	102	**6,365**	**6,470**	36.6
BH01B	02/13/2026	2	<0.00202	0.0175	<50.1	2,110	64.9	**2,110**	2,170	37.8
BH01C	03/09/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH02	02/13/2026	Surface	<0.00200	<0.00399	<50.0	238	120	238	358	137
BH02A	02/13/2026	0.5	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	185
BH02B	03/10/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	768
BH02C	03/10/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
BH03	02/13/2026	Surface	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	42.3
BH03A	02/13/2026	0.5	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	13.2
BH03B	03/09/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH03C	03/09/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH04	02/13/2026	Surface	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	<10.0
BH04A	02/13/2026	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<10.0
BH04B	03/10/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH05	03/10/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
BH05A	03/10/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
BH05B	03/10/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208

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

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APPENDIX A

Well Records and Logs

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STATE ENGINEER OFFICE

WELL RECORD

Revised June 1972

OFFICE OF STATE ENGINEER SANTA FE, NEW MEXICO '99 FEB 1 PM 1 29

Section 1. GENERAL INFORMATION

(A) Owner of well Penwell Energy Owner's Well No. 0

Street or Post Office Address c/o Glenn's Water Well Service

City and State P.O.Box 692 Tatum, NM 88267

Well was drilled under Permit No. C-2518 and is located in the:

a. ___ ¼ ___ ¼ SW ¼ SE ¼ of Section 8 Township 25 Range 29 N.M.P.M.

b. Tract No. ___ of Map No. ___ of the ___

c. Lot No. ___ of Block No. ___ of the ___ Subdivision, recorded in ___ County.

d. X= ___ feet, Y= ___ feet, N.M. Coordinate System ___ Zone in the ___ Grant.

(B) Drilling Contractor Glenn's Water Well SErvice License No. WD -421

Address P.O. Box 692 Tatum, NM 88267

Drilling Began 6-2-97 Completed 6-2-97 Type tools rotary Size of hole 7 7/8 in.

Elevation of land surface or ___ at well is ___ ft. Total depth of well 462 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well - ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
			dry hole	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
			none					

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor well was back filled with cutting

Address and drilling mud

Plugging Method

Date Well Plugged

Plugging approved by:

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1	0	460	cutting & mud
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 06-10-97

Quad ___ FWL ___ FSL ___

File No. C-2518 Use OWD "Dry Hole" Location No. 25S.29E.8.43412

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	2	2	soil
2	15	13	caleche & sand
15	25	10	sand & gravel
25	105	80	red clay
105	305	200	brown clay
305	345	40	red clay
345	405	60	anhydrite
405	415	10	redish lime & anhydrite
415	450	35	anhydrite
450	460	10	red clay

'97 JUN 10 PM 1 17

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Corky Glenn
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (BH-01)	n/a	C-4503

WELL OWNER NAME(S)	PHONE (OPTIONAL)
XTO Energy (Kyle Littrell)	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6401 Holiday Hill Dr.	Midland	TX	79707

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	8	15.74	N
	LONGITUDE	103	59	38.34	W

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

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

SWSW S9 T25S R29E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
04/19/2021	04/19/2021	temporary well material	110	n/a

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

DEPTH (feet bgl) FROM	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	110	±6.5	Boring- HSA	--	--	--	--

OSE DIV MAY 5 2021 PM4:06

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. C-4503	POD NO. 1	TRN NO. 682792
LOCATION Expl 25S.29E.9.334	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	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	4	4	Caliche, tan, off-white,dry, tan sand m-f grained, well sorted, trace silt	Y ✓ N	
4	41	37	Sand, tan, m-f, well sorted, little caliche gravel, tan, trace silt, low consolidation	Y ✓ N	
41	--	--	Sandy clay, brown, non plastic, non cohesive, no odor, no stain, m-f grained, wel	Y ✓ N	
43	46	5	increase in clay content, low plasticity Claystone,brown, light brown mottling,	Y ✓ N	
46	110	64	Claystone,brown, light brown mottling, cohesive, medium plasticity	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

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

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Corral Canyon 212H. Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface.
Logs adapted from WSP on-site geologist.

OSE DII MAY 5 2021 PM4:04

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

Shane Eldridge

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:

Jack Atkins — Jackie D. Atkins — 05/05/2021

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. C-4503	POD NO. 1	TRN NO. 682792
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4503- POD1

Well owner: XTO ENERGY (Kyle Littrell) Phone No.: 432.682.8873

Mailing address: 6401 Holiday Hill Dr.

City: Midland State: Texas Zip code: 79707

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge

4) Date well plugging began: 04/27/2021 Date well plugging concluded: 04/27/2021

5) GPS Well Location: Latitude: 32 deg, 8 min, 15.74 sec
Longitude: 103 deg, 59 min, 38.34 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 110 ft below ground level (bgl), by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 12/08/2020

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DII MAY 5 2021 PM4:03

25S.29E.9.334

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 15.8 gallons	16 gallons	Augers	
	10'-110' Drill Cuttings	Approx. 172 gallons	172 gallons	Boring	

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MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins

Signature of Well Driller

05/05/2021

Date

Version: September 8, 2009
Page 2 of 2

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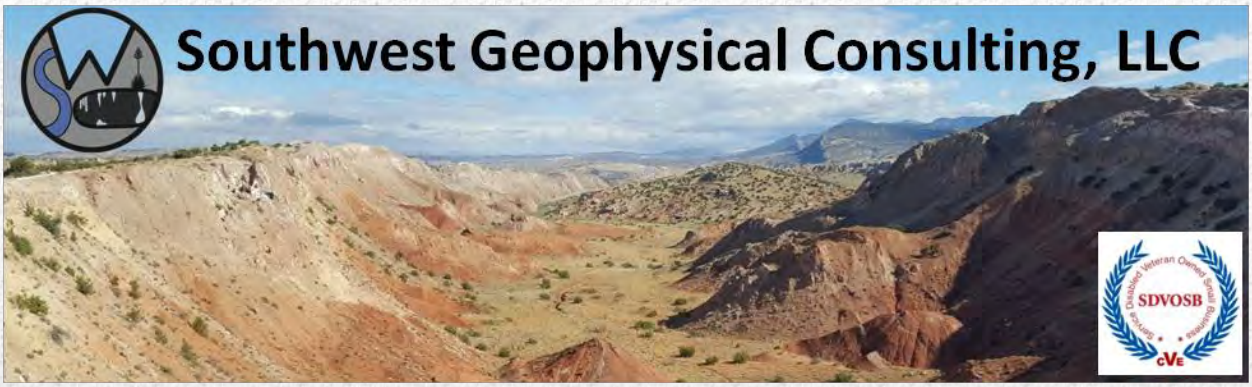
APPENDIX B

Environmental Karst Study Report



Environmental Karst Study Report
XTO Corral Canyon 8 Satellite
Eddy County, New Mexico

Prepared For:

Ensolum, LLC
3122 National Parks Highway
Carlsbad, NM 88220

☐ **Positive within 200 feet of spill delineation boundary**

☑ **Negative within 200 feet of spill delineation boundary**

☑ **Stable** ☐ **Unstable Ground**

☐ **Karst Monitor Recommended**

August 15, 2025

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1.0 INTRODUCTION

This report was commissioned by Ensolum, LLC (hereinafter referred to as "the client"), on June 9, 2025, for the purpose of conducting an environmental karst study within an area encompassing the XTO Corral Canyon 8 Satellite project site (hereinafter termed “XCC8”) centered at N 32.142567° W 104.006681°.

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC[1]), and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions[2]) within the spill boundary of the XTO Corral Canyon 8 Satellite project as provided by the client via e-mail (**XCC8_INF_UTM13.kmz**) on June 17, 2025, using electrical resistivity imaging[3].

1.2 Summary of Findings

- **No surface karst features exist within the 200-foot (61-meter) perimeter of the spill delineation boundary.**
- **No anomalies consistent with subsurface air-filled voids were found within the XCC8 resistivity survey area.**
- **Flat-lying stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.**

1.3 Affected Environment

The XCC8 project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **MEDIUM** karst occurrence zone (MKOZ)[5] (**Figure 1**).

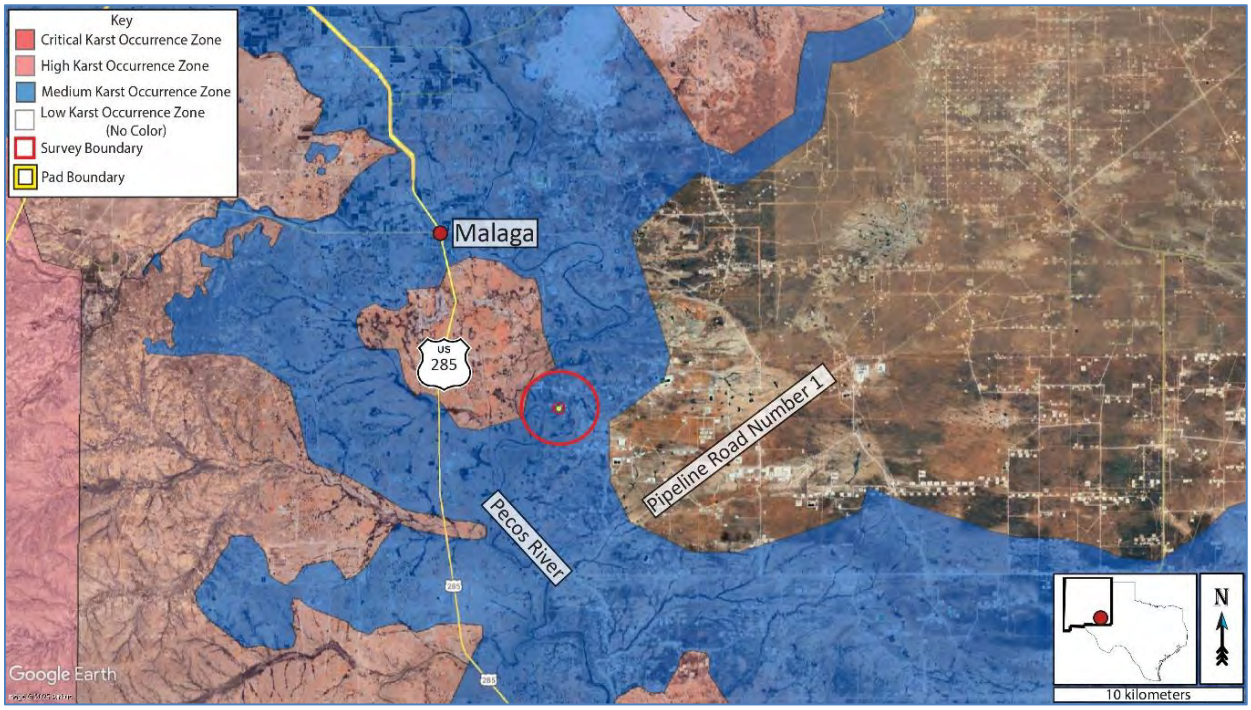

Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff[4].

Due to the rapidity with which evaporite karst develops, each location within a BLM-CFO designated karst occurrence zone must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development each time a release occurs.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Ensolum, LLC, in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond two years past the date of the field work provided in section ***2.3 Description of Survey***. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 11.1 kilometers (6.9 miles) southeast of Malaga, New Mexico, east of US Highway 285 and northwest of Pipeline Road Number 1. The release site is located within section 8, NM T25S R29E[6] (**Figure 1** and **Figure 2**). The region has flat-lying terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock[7] (see section ***2.2 Local Geology Summary*** for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The spill delineation boundary is located within an MKOZ[5] (**Figure 1**) and within BLM-CFO managed land[10] (**Figure 2**).

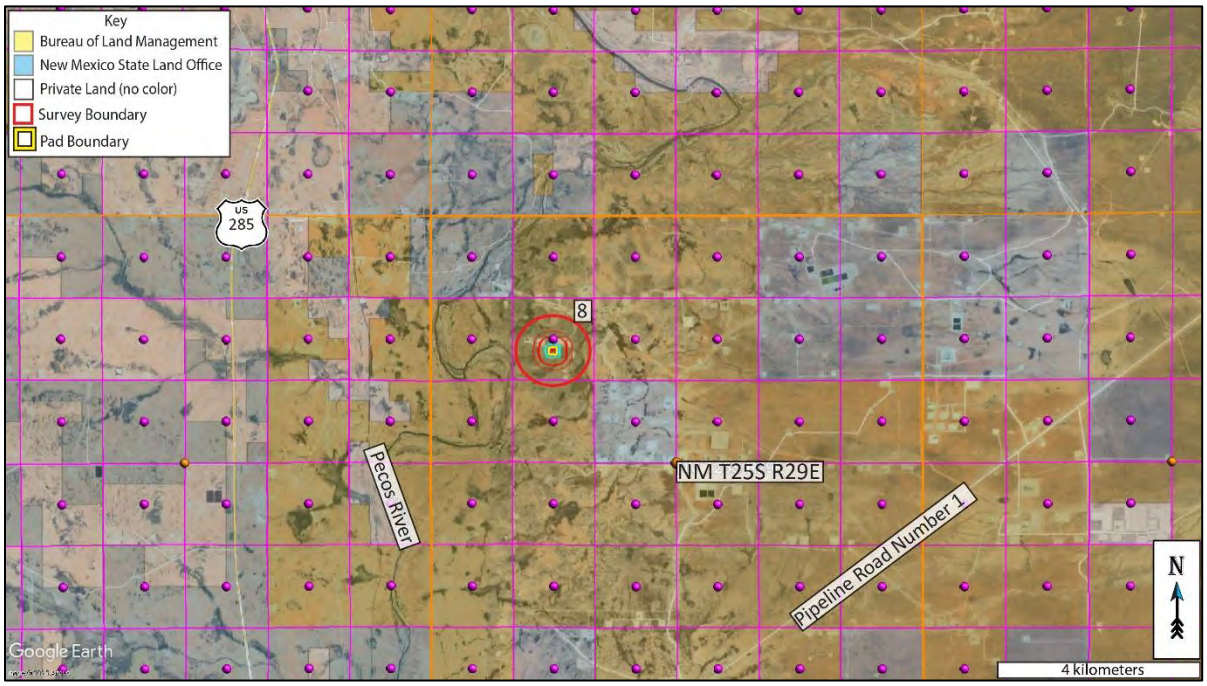

Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the XCC8 survey is located at an elevation of 903 meters (2,961 feet), ± 6 meters (19 feet), and is located within a region underlain by the Permian Rustler Formation (Pru). The area is mantled by thin gypsiferous soils (gypsite), Quatenary alluvium (Qal), and eolian deposits (Qe)[11] up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite, and gypsum, and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members)[12].

The Pru overlies the Permian Salado Formation (Psl) (not shown on map as it does not outcrop in the survey area), a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface[12]. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation[13].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale[14] and the Digital Geologic Map of New Mexico in ARC/INFO Format[11].

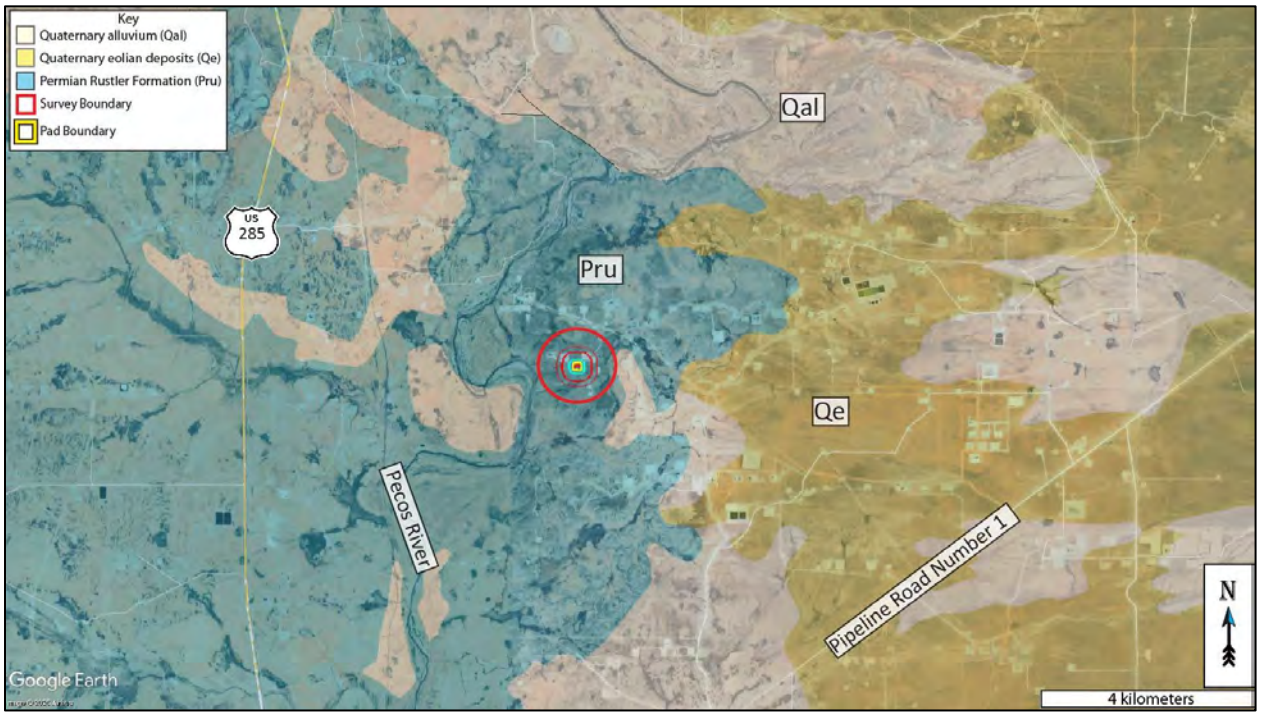

Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

2.3 Description of Survey

2.3.1 Surface Karst Survey

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides surface karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The surface karst survey includes a desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance[1] (**Figure 4**). The study was performed using satellite and aerial imagery from Google Earth Pro dated March 20, 2023 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated December 23, 2024[15]; the Malaga, NM, 1:24,000 quad, 1985, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no surface karst features within the 305-meter survey boundary.

Surface karst surveys are conducted by sUAS at low elevation within 200 meters of the spill delineation boundary[3] (**Figure 4**) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 6**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report[16].

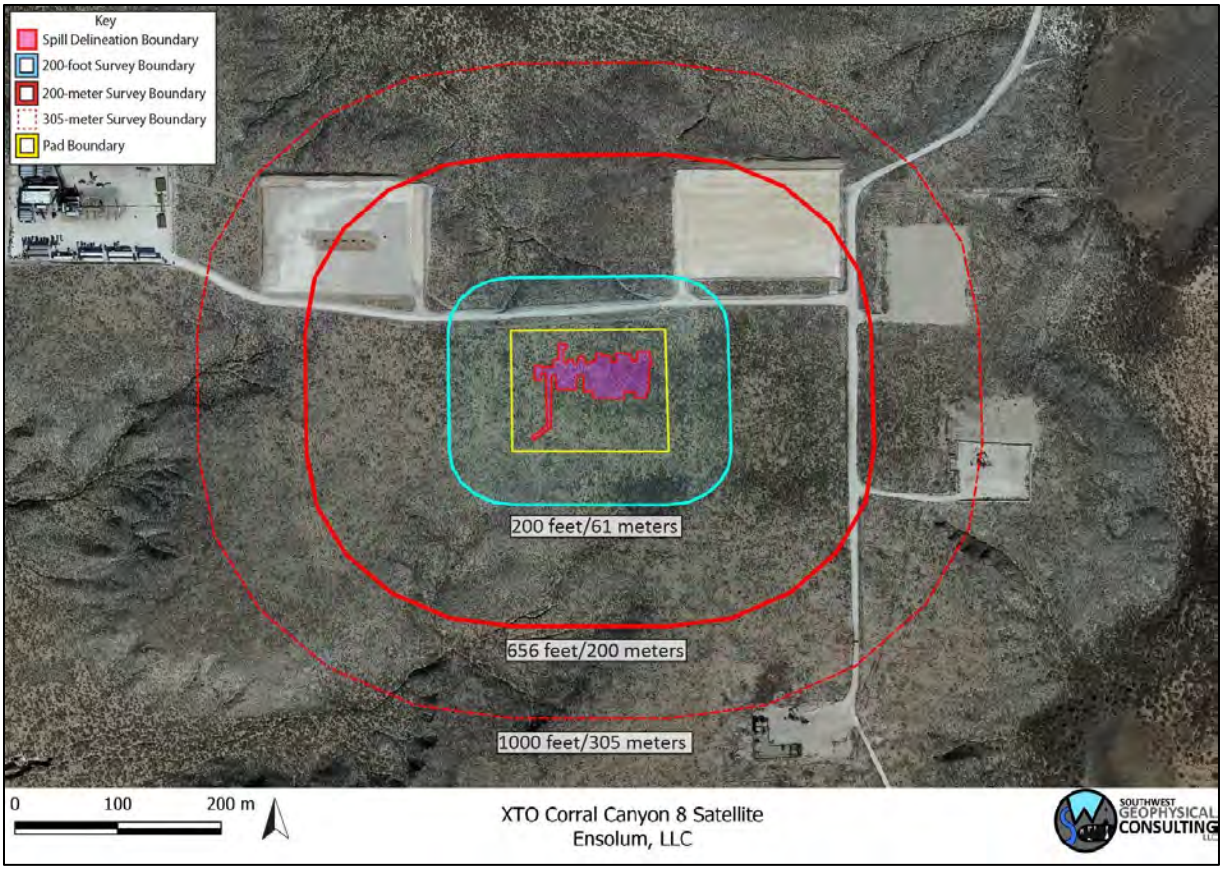

Figure 4: Surface survey overview. Background image credit: Google Earth. Image date: January 27, 2023. Datum: WGS-84.

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on July 8, 2025. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Dave Decker of Southwest Geophysical Consulting on July 24, 2025.

2.3.2 Geophysical Survey

For this survey, an ABEM Terrameter LS 2, two 42-electrode, and one 56-electrode array of 40-centimeter-long electrodes were used to image the subsurface. This survey consisted of three resistivity lines in a dipole-dipole configuration: line XCC801 was laid out south to north, line XCC802 was laid out west to east, and XCC803 was laid out south to north. Line XCC801 consisted of 56 electrodes at 5-meter spacing resulting in a 275-meter-long array and lines XCC802 and XCC803 both consisted of 42 electrodes at 5-meter spacing resulting in 205-meter long arrays (**Figure 5**, **Table 1**). A preconfigured command file was used to run the data collection (DipoleDipole4x14). The 56-electrode configuration provided a depth of investigation of 55 meters (180 feet) with a resolution of 2.0 to 2.5 meters (6.6 to 8.2 feet). The 42-electrode configuration provided a depth of investigation of 33 meters (108 feet) with a resolution of 2.0 to 2.5 meters (6.6 to 8.2 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.

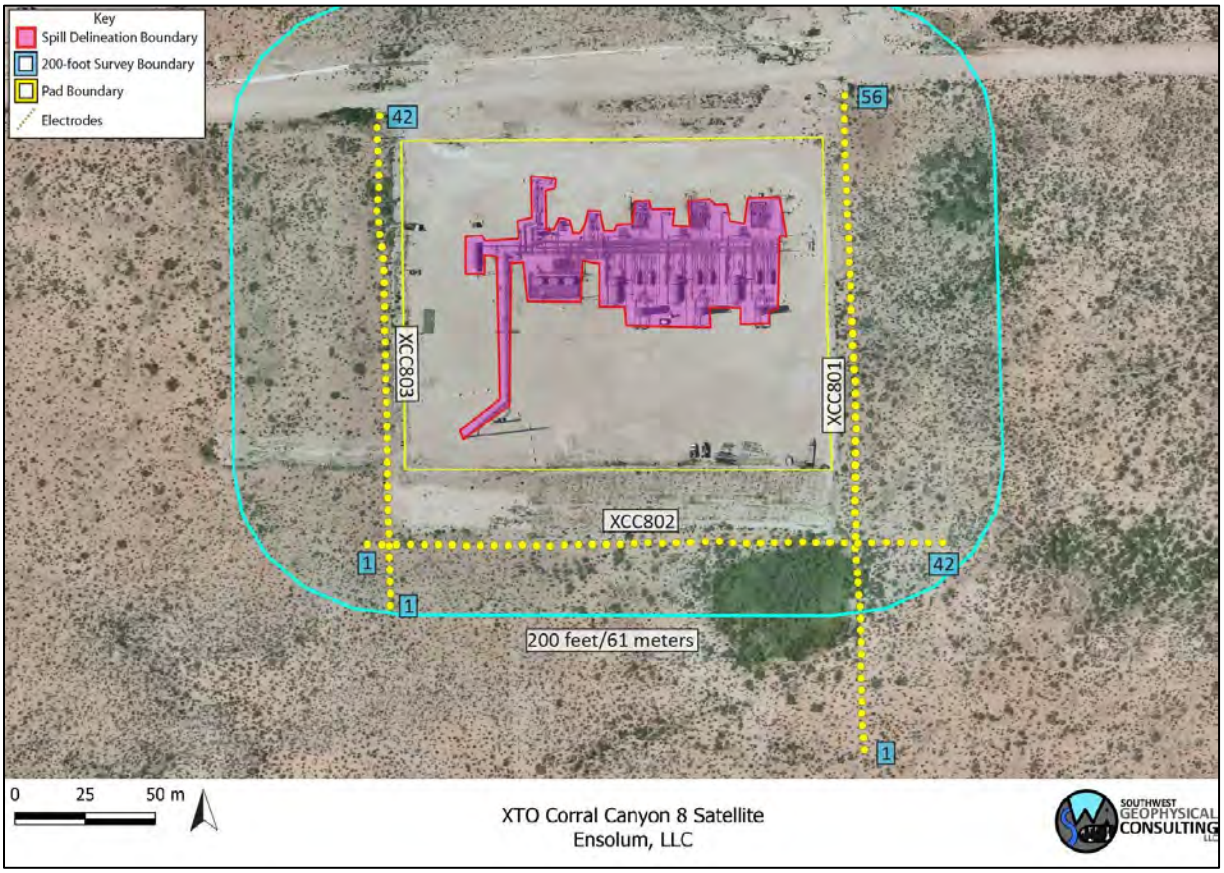

Figure 5: Geophysical survey overview. XCC801 was conducted with 56 electrodes at 5-meter spacing, and both XCC802 and XCC803 were conducted with 42 electrodes at 5-meter spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: January 27, 2023. Image datum: WGS-84.

Table 1 provides basic line data. Detailed information for each line including electrode number, location in latitude/longitude (decimal degree format), and elevation in meters can be found in the accompanying data files.

Table 1: Survey Line Data Table. The XCC8_ERI_Points.kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying files XCC8_ERI_Points.xlsx and ENS-018-20250609_XCC8_Data_Files.kmz.

File Name:	Completed By:	Date:
XCC801.kmz	Steven Kesler – Field Geologist Kat Knight – Field Geologist Michael Jones – Field Geologist	7/16/2025
XCC802.kmz		
XCC803.kmz		

EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of "stable" or "unstable" ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was "average apparent resistivity" and a default inversion setting of "surface," with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω-m) and a max apparent resistivity set to 100,000 Ω-m (**Table 2**).

Table 2: Software Information and Settings

Software Name:	EarthImager™ 2D
Version:	2.4.4.649
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 kΩ-m Min Apparent Resistivity = 0.1 Ω-m

Note: Raw data files (.stg files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .stg files) are available upon request.

All field work, including setup, stow, and travel, was completed by Steven Kesler, Kat Knight, and Michael Jones on July 16, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

The desk study and surface karst survey located no surface karst features within the 200-foot (61-meter)[1] survey boundary (**Figure 6**).

No surface karst features exist within the **200-meter** survey boundary, and no springs exist within the 305-meter (1,000 foot) survey boundary[1].

The lack of surface karst features does not mean the area is not karstified and the survey area may still contain buried karst features. Caution should be exercised while clearing brush and during any excavation, trenching, or construction operations. Employing a Bureau of Land Management approved karst monitor on site during these operations should be considered.

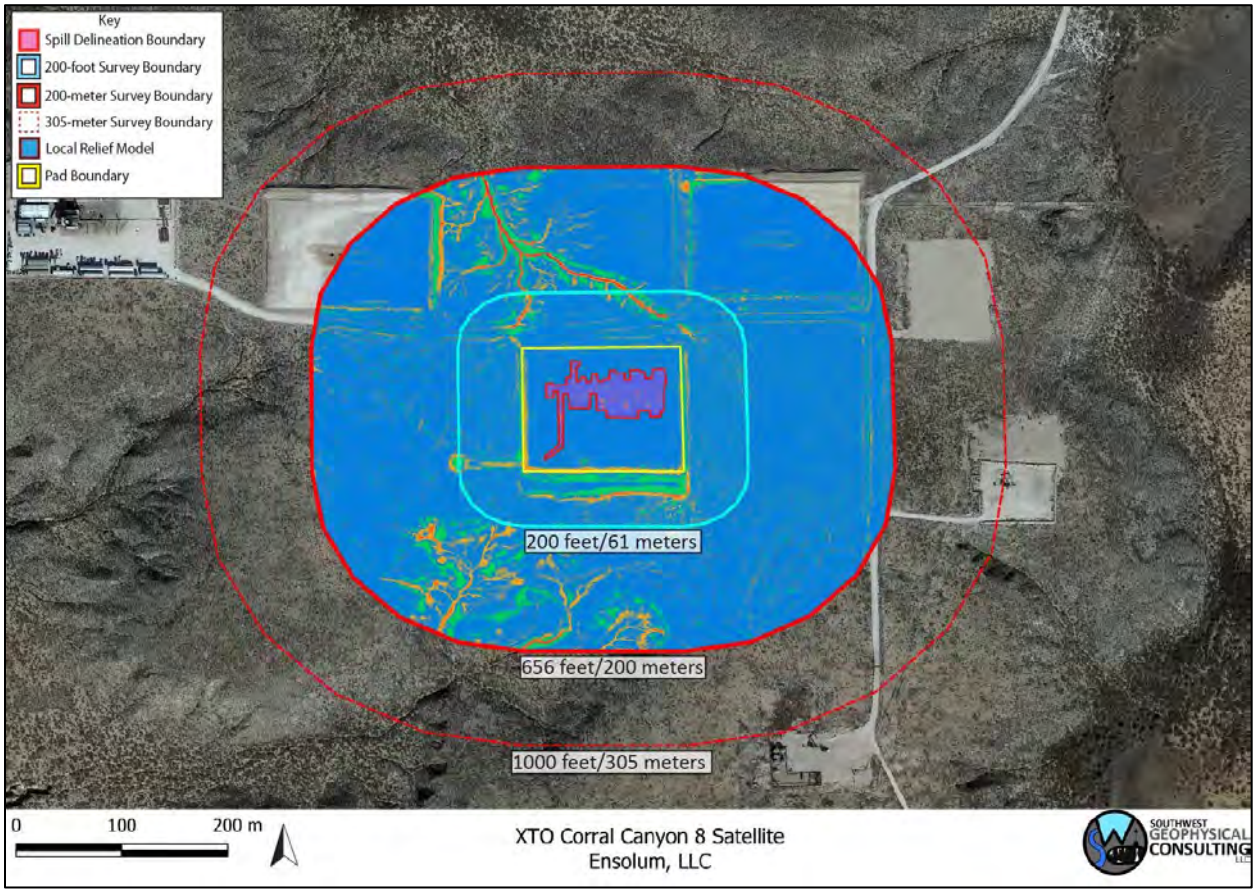

Figure 6: UAS-conducted surface karst survey results. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 7**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a moderately stable geologic system with resistivities between 0.33 and 5,447 Ohm-m with occasional resistivities to 100,000 Ohm-m (**Figure 7**). These high-resistivity anomalies are interpreted to be noise associated with nearby infrastructure. **No anomalies interpreted as underground voids were found in the XCC8 survey area.** Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

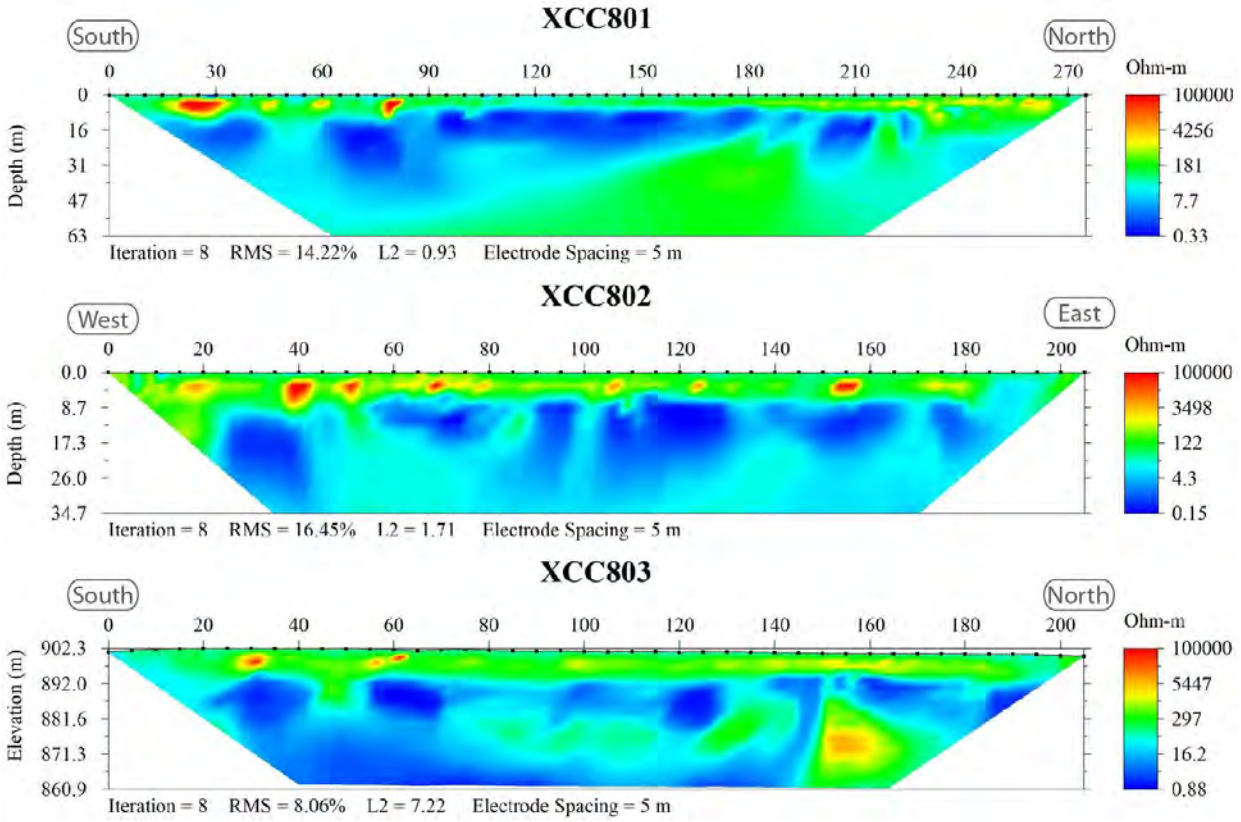

Figure 7: 2D inverted resistivity sections. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. Please note that the color scale is relative.

4.0 DISCUSSION

No anomalies interpreted as large near-surface voids are located within the study area. However, due to the resolution limit of the survey, other small voids at or near the resolution limit (2.5 – 3.0 meters) cannot be ruled out. The extremely high-resistivity areas (100,000 Oh-m) on these lines are interpreted as noise associated with nearby infrastructure. Other moderately high resistivity areas located less than 10 meters beneath the surface are interpreted as dry caliche or gypsite soils; due to their low resistivity values when compared with significant subsurface voids, these features should not be a concern for construction of any well pad infrastructure. Areas of moderate resistivity (yellows and greens) near the surface are interpreted as dry caliche soils and gypsum or dolomite bedrock of the Rustler Formation (**Figure 7** and **Figure 8**).

Resistivity of the survey area drops below 50 Ω-m at approximately 12 - 15 meters (39.4 – 49.2 feet) depth and generally increases to greater than 500 Ω-m below these depths throughout the survey area, indicating a change from moist to saturated caliche/gypsite soils or gypsums to the bedrock of the Rustler Formation (**Figure 7** and **Figure 8**).

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. **They remain interpretations until verified by geotechnical methods.**

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey may exist; these may be encountered during excavation and if so, should be evaluated by a karst specialist prior to continuation of the excavation. Employing a BLM-CFO approved karst monitor on site during excavation in this area should be considered.

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

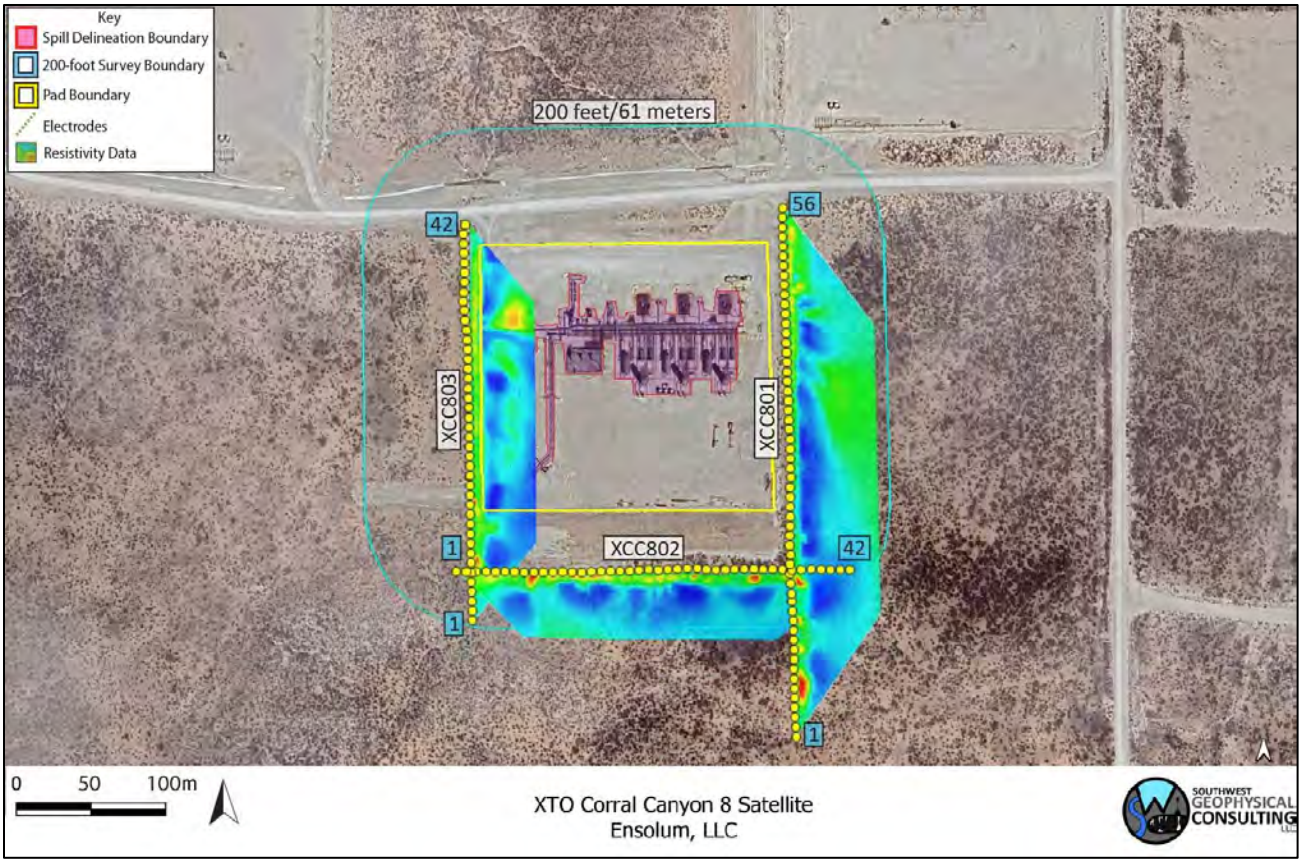

Figure 8: Data overlay. Colored trapezoids are 2D inverted resistivity lines. Background image credit: Google Earth. Image date: January 27, 2023.

5.0 SUMMARY

- **The XCC8 survey contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary.**
- **The XCC8 survey contains no subsurface anomalies which are interpreted as karst-related features within 200-feet (61 meters) of the spill delineation boundary.**
- **Flat-lying stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.**
- Employing a BLM-CFO approved karst monitor during excavation at this site should be considered.

6.0 DISCLOSURE STATEMENT

Karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports commissioned at the request of the land manager should be submitted to the BLM-CFO at blm_nm_karst@blm.gov.

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

Environmental karst reports should be submitted to the appropriate project manager at the New Mexico Oil Conservation Division.

7.0 REFERENCES

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8.0 GLOSSARY OF TERMS

AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office
Ohm-m	Ohm-meter, a unit of measurement for resistivity. Sometimes abbreviated Ω-m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation

Pdl	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SPAR	Small Party Assisted Rescue
sUAS	Small, uncrewed aerial system
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed, "meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a RKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)

9.0 ATTESTATION

David D. Decker, PhD, PG, CPG
Chief Executive Officer, Principal Geologist
Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
dave@swgeophys.com
(505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of “qualified professional” for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number ENS-018-20250609 entitled, “Environmental Karst Study Report, XTO Corral Canyon 8 Satellite, Eddy County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section ***2.3 Description of Survey***.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, August 16, 2025.

David D. Decker
PhD, CPG-12123

ENSOLUM

APPENDIX C

Approved Land Access, Drilling Permit, and Plugging Plan

Received by OCD: 6/29/2026 1:57:05 PM

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

06/02/2026

Well Name: CORRAL CANYON 8-32 FEDERAL

Well Location: T25S / R29E / SEC 8 / NWSE / 32.144309 / -104.005012

County or Parish/State: EDDY / NM

Well Number: 125H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM99147

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546487

Operator: XTO ENERGY INCORPORATED

Notice of Intent

Sundry ID: 2913709

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 05/29/2026

Time Sundry Submitted: 08:48

Date proposed operation will begin: 06/12/2026

Procedure Description: XTO Permian Operating LLC (XTO) respectfully requests access to a BLM owned on-pad area to complete one soil boring to determine regional depth to groundwater in response to a December 31, 2025, crude oil release that occurred at the Corral Canyon 8 Satellite Tank Battery Site (NMOCD Incident Number nAPP2600251804). The nearest XTO well located on BLM land is Corral Canyon 8 32 Federal #125H, located approximately 505 feet northeast of the proposed soil boring location and is depicted on Figure 1. The proposed soil boring will be completed on an established pad surface associated with the Corral Canyon 8 Satellite Tank Battery at GPS 32.143171, -104.005991. XTO does not anticipate encountering groundwater since multiple wells in the area estimate depth to groundwater to be greater than 100 feet below ground surface (bgs). The soil boring will be drilled to an approximate depth of 105 feet bgs and left open for 72 hours to allow for the potential slow infill of groundwater. Following the 72 hours, an oil-water interface probe will be utilized to confirm the boring is dry. The boring will be properly abandoned according to an approved New Mexico Office of the State Engineer Plugging Plan. Soil Boring Location: Eddy County, New Mexico NWSE (Unit J), Sec 08, T25S, R29E GPS 32.143173,-104.006158

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Requested_Area_of_Disturbance_Map_Corral_Canyon_8_Satellite_nAPP2600251804_20260529080528.pdf

Released to Imaging: 7/6/2026 2:40:06 PM

Well Name: CORRAL CANYON 8-32 FEDERAL

Well Location: T25S / R29E / SEC 8 / NWSE / 32.144309 / -104.005012

County or Parish/State: EDDY / NM

Well Number: 125H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM99147

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546487

Operator: XTO ENERGY INCORPORATED

Conditions of Approval

Specialist Review

3001546487_CORRAL_CANYON_8_32_FEDERAL_125H__2913709_XTO_PERMIAN_OPERATING_LLC_105__AUTH_SIGNED_20260602064213.pdf

Operator

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

Operator Electronic Signature: SHERRY MORROW

Signed on: MAY 29, 2026 08:48 AM

Name: XTO ENERGY INCORPORATED

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND

State: TX

Phone: (432) 218-3671

Email address: SHERRY.MORROW@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: DINAH C NEGRETE

BLM POC Title: Land Law Examiner (Minerals)

BLM POC Phone: 5752345952

BLM POC Email Address: DNEGRETE@BLM.GOV

Disposition: Approved

Disposition Date: 06/02/2026

Signature: DINAH NEGRETE

Released to Imaging: 7/6/2026 2:40:06 PM

CONFIDENTIAL

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

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

5. Lease Serial No. NMNM99147

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

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

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
CORRAL CANYON 8-32 FEDERAL/125H

2. Name of Operator XTO ENERGY INCORPORATED

9. API Well No. 3001546487

3a. Address 15948 US HWY 77, ARDMORE, OK 73401

3b. Phone No. *(include area code)* (325) 338-8339

10. Field and Pool or Exploratory Area
PURPLE SAGE/BONE SPRING

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
SEC 8/T25S/R29E/NMP

11. Country or Parish, State
EDDY/NM

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

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

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

XTO Permian Operating LLC (XTO) respectfully requests access to a BLM owned on-pad area to complete one soil boring to determine regional depth to groundwater in response to a December 31, 2025, crude oil release that occurred at the Corral Canyon 8 Satellite Tank Battery Site (NMOCD Incident Number nAPP2600251804). The nearest XTO well located on BLM land is Corral Canyon 8 32 Federal #125H, located approximately 505 feet northeast of the proposed soil boring location and is depicted on Figure 1. The proposed soil boring will be completed on an established pad surface associated with the Corral Canyon 8 Satellite Tank Battery at GPS 32.143171, -104.005991. XTO does not anticipate encountering groundwater since multiple wells in the area estimate depth to groundwater to be greater than 100 feet below ground surface (bgs). The soil boring will be drilled to an approximate depth of 105 feet bgs and left open for 72 hours to allow for the potential slow infill of groundwater. Following the 72 hours, an oil-water interface probe will be utilized to confirm the boring is dry. The boring will be properly abandoned according to an approved New Mexico Office of the State Engineer Plugging Plan.

Soil Boring Location:
Eddy County, New Mexico
Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
SHERRY MORROW / Ph: (432) 218-3671

Title Regulatory Analyst

Signature (Electronic Submission)

Date 05/29/2026

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by
DINAH C NEGRETE / Ph: (575) 234-5952 / Approved

Title Land Law Examiner (Minerals)

Date 06/02/2026

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

Office CARLSBAD

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

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

Additional Information

Additional Remarks

NWSE (Unit J), Sec 08, T25S, R29E

GPS 32.143173,-104.006158

Location of Well

0. SHL: NWSE / 2513 FSL / 2153 FEL / TWSP: 25S / RANGE: 29E / SECTION: 8 / LAT: 32.144309 / LONG: -104.005012 (TVD: 0 feet, MD: 0 feet)

PPP: SWNE / 2239 FNL / 2451 FEL / TWSP: 25S / RANGE: 29E / SECTION: 8 / LAT: 32.145814 / LONG: -104.005969 (TVD: 10122 feet, MD: 10637 feet)

BHL: NWSE / 2450 FSL / 2409 FEL / TWSP: 24S / RANGE: 29E / SECTION: 32 / LAT: 32.173223 / LONG: -104.005865 (TVD: 10122 feet, MD: 20614 feet)

Requested Area of Disturbance

Figure 1 - DTW Boring - Corral Canyon 8 Satellite Battery

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
520 E. Greene St.
Carlsbad, NM 88220-6292

June 1, 2026

In Reply Refer To:
3162.4 (NM-080)
NMNM99147

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: CORRAL CANYON 8-32 #125H
EDDY COUNTY, NEW MEXICO
30-015-46487: NWSE SEC 8, TWSHP 25S, RNG 29E
32.143173,-104.006158

To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 105 feet below ground surface. The boring will be secured and left open for 72 hours at which time XTO PERMIAN OPERATING LLC will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type 1/11 neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions, contact Crisha Morgan, at 575-234-5987.

Sincerely,

Cody R. Layton for

Digitally signed by CODY LAYTON
Date: 2026.06.01 13:52:59 -06'00'

Elizabeth K. Anderson, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 800667
File Nbr: C 05093

Jun. 11, 2026

TRACY HILLARD
ENSOLUM, LLC
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

* If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.

* If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.

* The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.

* You, the permittee, are required to email nm.driller@ose.nm.gov with the following information when the driller is enroute to the drilling site: OSE File number, POD number, physical address, driller company and license number, and date/time driller is to be on site.

* This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.nm.gov.

Sincerely,

Vanessa Clements
(575)622-6521

Enclosure

File No. C-5093 Pod1

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable boxes):

For fees, see State Engineer website: https://www.ose.nm.gov/

Purpose:

- ☐ Exploratory Well*(Pump test)
- ☐ Monitoring Well
- ☐ Pollution Control And/Or Recovery
- ☐ Construction Site/Public Works Dewatering
- ☐ Mine Dewatering
- ☐ Ground Source Heat Pump
- ☒ Other(Describe): Soil Boring

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

*New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

☐ Yes ☐ No Angled/Directional borehole - include schematic and azimuth, inclination, measured depth and true vertical depth.

☒ Temporary Request - Requested Start Date: 5/25/2026 Requested End Date: TBD

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

Note: if there is known artesian conditions, contamination or high mineral content at the drilling location, include the borehole log or a well log from an existing well at that location. If this information is not submitted, check box and attach form WD-09 to this form. ☐

1. APPLICANT(S)

Name: XTO Energy, Inc	Name: Ensolum, LLC
Contact or Agent: Robert Woodall — check here if Agent ☒	Contact or Agent: Tracy Hillard — check here if Agent ☒
Mailing Address: 3104 E Greene St	Mailing Address: 3122 National Parks Highway
City: Carlsbad	City: Carlsbad
State: New Mexico Zip Code: 88220	State: New Mexico Zip Code: 88220
Phone: (575) 988-2390 ☐ Home ☒ Cell Phone (Work):	Phone: (575) 937-3906 ☐ Home ☒ Cell Phone (Work):
E-mail (optional): robert.d.woodall@exxonmobil.com	E-mail (optional): THillard@ensolum.com

OSE DIT ROSWELL NM
9 JUN '26 PM1:19

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 10/02/2024

File No.: C-5093	Trn. No.: 800667	Receipt No.: 2-49187
Trans Description (optional): EXPL		
Sub-Basin: CUB	PCW/LOG Due Date: 6-11-2027	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell), District V (Aztec) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

■ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	-Public Land Survey System (PLSS) (QQQSection, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name	Well Depth in feet	Casing Diameter (OD)
C-5093 Pod1 BH01	104.006158	32.143173	Unit J, Sec 08, T 25S, R 29E	110	2

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ■ No **If yes, how many** _____

Other description relating well to common landmarks, streets, or other:

Proposed dtw soil boring is located on the Corral Canyon 8 Sat Battery Pad at GPS Point 32.143173,-104.006158 (see Figure 1)

Well is on land owned by: BLM

Well Information: NOTE: If casings telescope or involve nested casing, please provide diagram. Attached? ☐ Yes ■ No

Approximate depth to water (feet): >110 feet	Outside diameter of well casing (inches): 2
Driller Name: Ronny Keith	Driller License Number: 1184

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Soil boring to be advanced to assess regional depth to groundwater. Boring will be completed as 2-inch inside diameter PVC well. Following 72 hours from completion of the borehole, the boring will be abandoned according the approved NMOSE Plugging Plan. Location of the soil boring is depicted on the attached figure. BLM permission to complete work on their land is authorized by approved BLM Sundry Form.

OSE DII ROSWELL NM
9 JUN '26 PM1:19

FOR OSE INTERNAL USE — Application for Permit, Form WR-07 Version 10/02/2024

File No.: C-5093	Trn No.: 8606667

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory*: Is proposed well a future public water supply well? ☐ Yes ☒ NO If Yes, an application must be filed with NMED-DWB, concurrently. ☐ Include a description of any proposed pump test, if applicable.	**Pollution Control and/or Recovery:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge. ☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Construction De-Watering:** ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	**Mine De-Watering:** ☐ Include a plan for Mine De-Watering, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring*: ☐ Include the reason for the monitoring well, and, ☐ The duration of the planned monitoring.		**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

(* if exploration or monitoring drilling activity is required by NMED, then you must also submit the NMED Work Plan)

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Robert Woodall (XTO); and Tracy Hillard (Ensolum)

Print Name(s)

affirm that the foregoing statements are true to the best of (my,our) knowledge and belief.

Applicant Signature

Tracy Hillard

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☑ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 11th day of June 20 26, for the State Engineer,

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

GREAT SEAL OF THE STATE OF NEW MEXICO 1912

OSE DII ROSWELL NM
9 JUN '26 PM1:17

By: K. Parekh
Signature

Kashyap Parekh
Print

Title: Supervisor, Water Resources
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 10/02/2024

File No.: C-5093	Trn No.: 800667

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.

17-1A Depth of the well shall not exceed the thickness of the valley fill.

17-4 No water shall be appropriated and beneficially used under this permit.

17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 05093 POD1

File Number: C 05093
Trn Number: 800667

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.

17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

17-C2 No water shall be diverted from this well except for testing purposes which shall not exceed ten (10) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.

17-G If artesian water is encountered, the well driller shall comply with all rules and regulations pertaining to the drilling and casing of artesian wells.

17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

Trn Desc: C 05093 POD1

File Number: C 05093
Trn Number: 800667

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

17-Q The State Engineer retains jurisdiction over this permit.

17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

LOG The Point of Diversion C 05093 POD1 must be completed and the Well Log filed on or before 06/11/2027.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 06/09/2026 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 11 day of Jun A.D., 2026

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

By: K. Parekh
KASHYAP PAREKH

GREAT SEAL OF THE STATE OF NEW MEXICO 1912

Trn Desc: C 05093 POD1

File Number: C 05093
Trn Number: 800667

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Elizabeth K. Anderson, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

June 10, 2026

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

RE: Well Plugging Plan of Operations for well No. C-5093-POD1

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 a well, listed below, to be plugged. West Texas Water Well Service (WD-1184) will perform the plugging.

Permittee: XTO Energy Inc.
NMOSE Permit Number: C-5093-POD1

NMOSE File	Casing diameter (inches)	Well depth (feet bgl)	Approximate static water level (feet bgl)	Latitude	Longitude
C-5093-POD1	8.0 (Soil Boring)	110.0	Unknown	32° 8' 35.4228"	104° 0' 22.1688"

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

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. Ground Water encountered: The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 287.11 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 110.0 feet.

3. Dry Hole: The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 26.10 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 10 feet.

4. Ground Water encountered: Type I/II Portland cement mixed with 5.2 to 6.0 gallons of fresh water per 94-lb sack of cement is approved for the plugging the well.

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

6. Sealant shall be placed by pumping through a tremie pipe extended 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 upwards from below. Tremie pipe may be pulled as necessary to retain minimal submergence in the advancing column of sealant.

7. Should cement "shrinks-back" occur in the well, use of a tremie for topping off is required for cement placement deeper than 20 feet below land surface or if water is present in the casing. The approved sealant for topping off is identified in condition 4. and 5. of these Specific Conditions of Approval.

8. 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.

9. 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.

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

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

12. 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 10th day of June 2026

Elizabeth K. Anderson, P.E. State Engineer

By: K. Parekh

Kashyap Parekh
Supervisor, Water Resources

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-5093-P001

Name of well owner: XTO Energy, Inc Attn Robert Woodall

Mailing address: 3104 E Greene St County: Eddy

City: Carlsbad State: NM Zip code: 88220

Phone number: 575-988-2390 E-mail: robert.d.woodall@exxonmobil.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Ronny Keith - West Texas Water Well Service

New Mexico Well Driller License No.: 1184 Expiration Date: 10/31/2027

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: 32 deg, 8 min, 35.4228 sec
Longitude: -104 deg, 0 min, 22.1688 sec, NAD 83

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

Soil boring to determine regional groundwater depth.

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9 JUN '26 PM1:19

3) Was well used for any type of monitoring program? No 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: 110 feet

7) Inside diameter of innermost casing: 2 inches.

8) Casing material: Termporary PVC SCH 40

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:

The temporary 2" casing material will be removed. 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 the boring will be plugged, tremie from bottom to a slurry of Portland Type I/II Neat cement in lifts.

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: 287 gallons

4) Type of Cement proposed: Type I/II neat cement

5) Proposed cement grout mix: <6.0 gallons of water per 94 pound sack of Portland cement.

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

x mixed on site

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9 JUN '26 PM1:20

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 8" diameter boring.

VIII. SIGNATURE:

I, Robert Woodall, 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.

Signature of Applicant

5-27-26
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.

OSE DII ROSWELL NM
9 JUN '26 PM1:20

Witness my hand and official seal this 10th day of June, 2026

Elizabeth K. Anderson P.E.

_____, New Mexico State Engineer

By: K. Parekh
~~Kashyap Parekh~~

Supervisor, Water Resources

GREAT SEAL OF THE STATE OF NEW MEXICO 1912

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	0
Bottom of proposed interval of grout placement (ft bgl)	N/A	N/A	110
Theoretical volume of grout required per interval (gallons)	N/A	N/A	287
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement	N/A	N/A	<6.0
Mixed on-site or batch-mixed and delivered?	N/A	N/A	onsite
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

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9 JUN '26 PM1:20

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	N/A	0
Bottom of proposed sealant of grout placement (ft bgl)	N/A	N/A	10
Theoretical volume of sealant required per interval (gallons)	N/A	N/A	26
Proposed abandonment sealant (manufacturer and trade name)	N/A	N/A	Baroid Hole Plug

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9 JUN '26 PM1:20

ENSOLUM

APPENDIX D

Lithologic Soil Sampling Logs

ENSOLUM

Sample Name: BH01	Date: 03/9/2026
Site Name: Corral Canyon 8 Satellite Battery	
Incident Number: nAPP2600251804	
Job Number: 03C1558804	
LITHOLOGIC / SOIL SAMPLING LOG	
Logged By: JH	Method: Core Drill
Coordinates: 32.142948, -104.006147	Hole Diameter: 1.5" / Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0		0 - 3': Dark brown sand (medium to fine grained) with silts, some gravels (carbonate, subrounded). Cohesive, non-plastic. Odor present.
D	<156	>5,000	Y	BH01	0.5			
D	<156	4,962	Y	BH01A	1	1	SM	
D	<156	48.5	N	BH01B	2	2		
D	<156	0.4	N	BH01C	3	3		

Total Depth @ 3 foot bgs

ENSOLUM

Sample Name: BH02	Date: 03/10/2026
Site Name: Corral Canyon 8 Satellite Battery	
Incident Number: nAPP2600251804	
Job Number: 03C1558804	
LITHOLOGIC / SOIL SAMPLING LOG	
Logged By: CFW	Method: Core Drill
Coordinates: 32.142998, -104.006142	Hole Diameter: 1.5"
	Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	190	0.7	N	BH02	0	0	CCHE	0 - 2': Dark brown to light brown gravels (carbonate, 0.2 - 6cm, angular to subangular) with sands (coarse to fine grained) and silts. Non cohesive, well graded, no stain, no odor.
D	179	0.7	N	BH02A	0.5			
D	224	1.7	N		1	1		
D	179	0.6	N		2	2		2' - 4': Light brown to off-white caliche gravels (0.2-3cm, angular to subangular), sands (coarse to fine grained), silts. Cohesive, non-plastic, well graded. No stain, no odor.
D	890	0.4	N	BH02B	3	3		
D	739	1.8		BH02C	4	4		

Total Depth @ 4 feet bgs

ENSOLUM

Sample Name: BH03	Date: 03/9/2026
Site Name: Corral Canyon 8 Satellite Battery	
Incident Number: nAPP2600251804	
Job Number: 03C1558804	
LITHOLOGIC / SOIL SAMPLING LOG	
Logged By: JH	Method: Core Drill
Coordinates: 32.142928, -104.006080	Hole Diameter: 1.5" / Total Depth: 3'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	1.4	N	BH03	0	0	CCHE	0 - 1': Tan-light brown sands and caliche gravels (3cm, subrounded). Solid rock core.
D	<157	0.5	N	BH03A	0.5			
D	<156	0.0	N		1	1		
D	<156	0.1	N	BH03B	2	2	SM	1' - 4': Dark brown sand with silts, some gravels (carbonate, 0.2 - 3cm). Non-cohesive, well graded.
D	<156	0.0	N	BH03C	3	3		
D	<156	0.6	N		4	4		

ENSOLUM

Sample Name: BH04	Date: 03/10/2026
Site Name: Corral Canyon 8 Satellite Battery	
Incident Number: nAPP2600251804	
Job Number: 03C1558804	
Logged By: CFW	Method: Core Drill
Hole Diameter: 1.5"	Total Depth: 3'

LITHOLOGIC / SOIL SAMPLING LOG

Coordinates: 32.142886, -104.006134

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	1.1	N	BH04	0	0	SM	0 - 1': Dark brown with light brown sands (coarse to fine grained) and gravels (carbonate, 0.2 - 4cm, angular), few silts. Non cohesive, well graded. No stain, no odor.
D	<157	1.5	N	BH04A	0.5			
D	<157	0.8	N		1	1		
D	<179	0.0	N		2	2	CCHE	1' - 3': Light brown to off-white caliche; gravels with sands (coarse to fine grained) and little silts. Cohesive, low to non-plasticity, well graded. No stain, no odor.
D	<179	0.5	N	BH04B	3	3		

Total Depth @ 3 feet bgs

ENSOLUM

Sample Name: BH05	Date: 3/10/2026
Site Name: Corral Canyon 8 Satellite Battery	
Incident Number: nAPP2600251804	
Job Number: 03C1558804	
Logged By: CFW	Method: Core Drill
Hole Diameter: 1.5"	Total Depth: 3'

LITHOLOGIC / SOIL SAMPLING LOG

Coordinates: 32.142945, -104.006171

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0	CCHE	0 -1': Dark to light brown caliche: gravels (carbonate, 0.2-4cm, angular to subrounded) and sands (coarse to medium grained) with few silts. Noncohesive, well graded. No stain, no odor.
D	<179	1.8	N	BH05	0.5			
D	<179	0.4	N			1		1' - 3': Light brown to off white caliche. Solid rock core with gravels and sands, few silts/clays. Cohesive fines, low plasticity, well graded.
D	246	0.1	N	BH05A	2	2		
D	213	0.4	N	BH05B	3	3		

Total Depth @ 3 feet bgs

ENSOLUM

APPENDIX E

Photographic Log

ENSOLUM

Photographic Log

XTO Energy, Inc
Corral Canyon 8 Satellite
nAPP2600251804

Photograph 1	Date 12/31/2025	
Description Initial release		
View West		

Photograph 2	Date 12/31/2025	
Description Initial release		
View South		

ENSOLUM

Photographic Log

XTO Energy, Inc
Corral Canyon 8 Satellite
nAPP2600251804

Photograph 3	Date 01/29/2026	
Description Liner inspection activities		
View North		

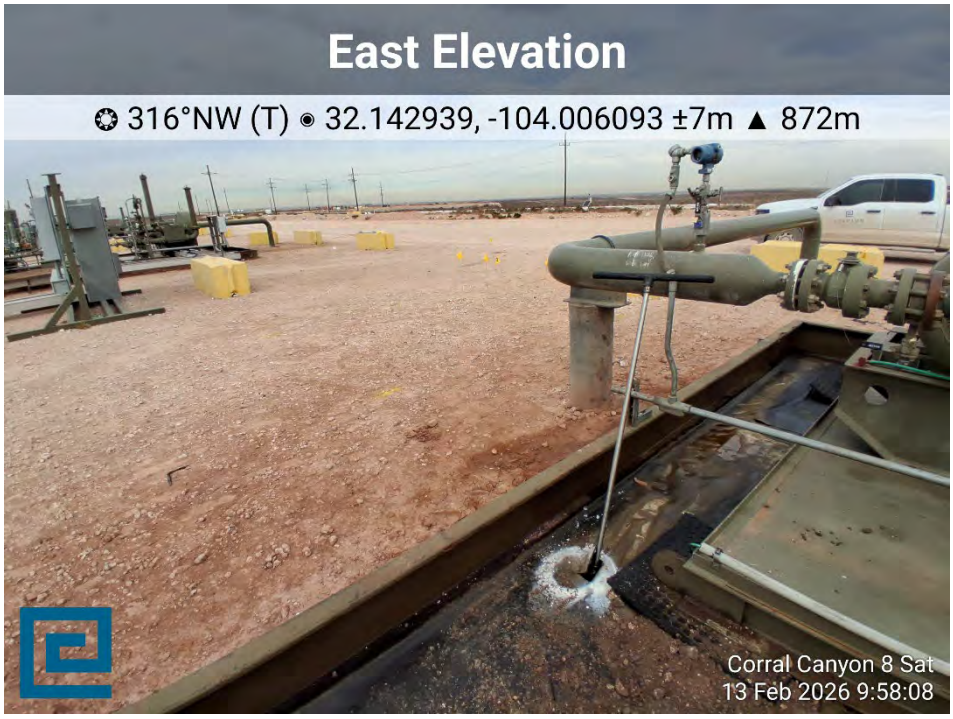
Photograph 4	Date 01/29/2026	
Description Liner inspection activities		
View West		

ENSOLUM

Photographic Log

XTO Energy, Inc
Corral Canyon 8 Satellite
nAPP2600251804

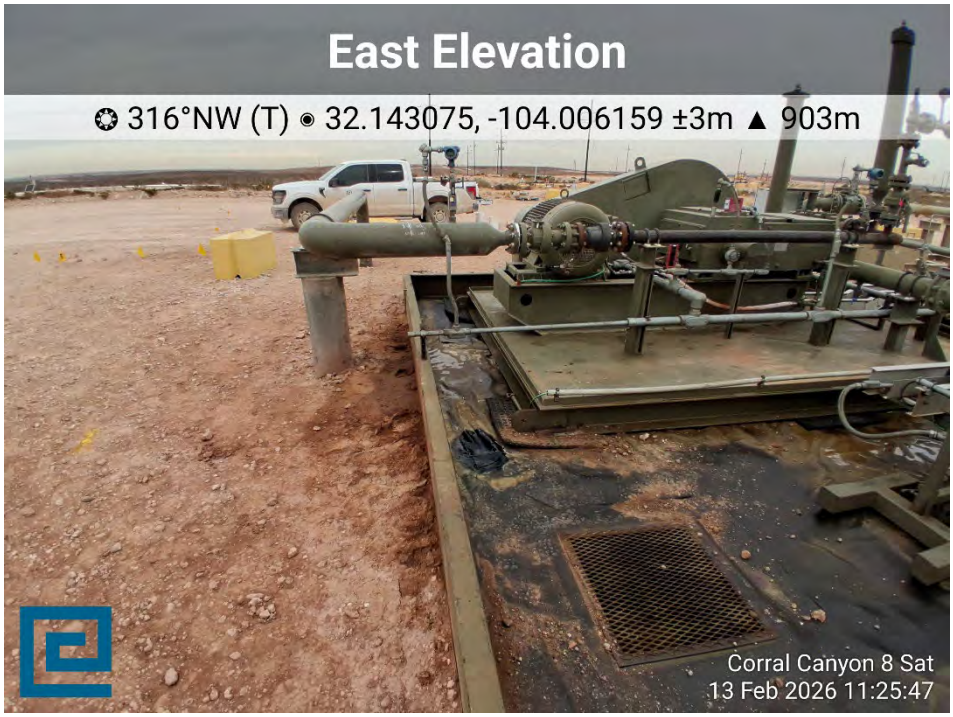
Photograph 5	Date 01/29/2026	
Description Liner inspection activities, with discovered tear		
View East		

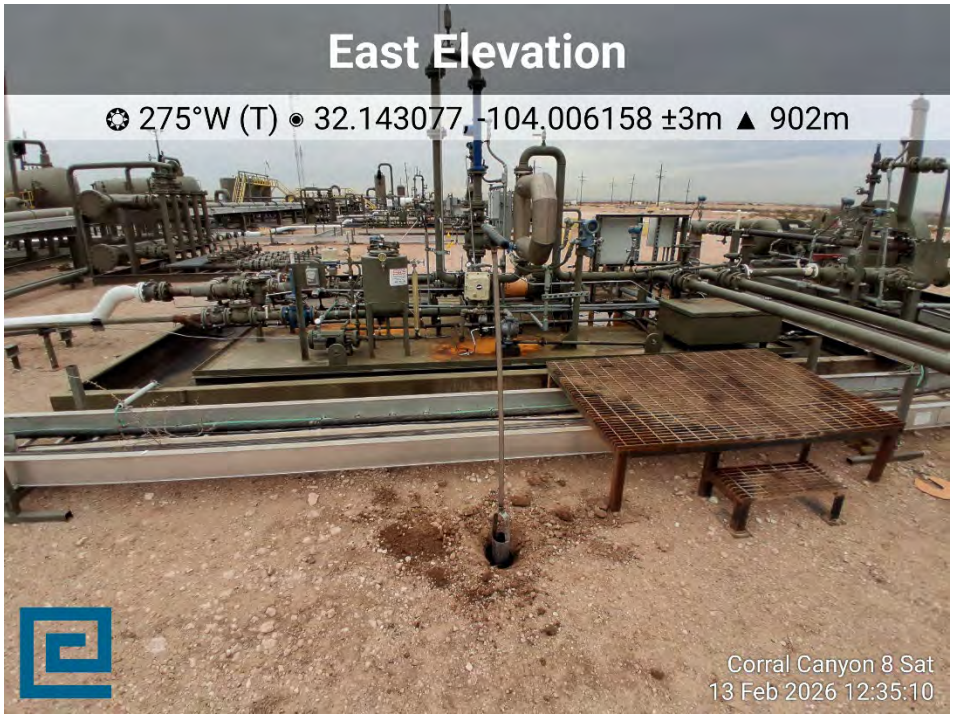
Photograph 6	Date 02/13/2026	
Description Vertical delineation activities, BH01		
View North		

ENSOLUM

Photographic Log

XTO Energy, Inc
Corral Canyon 8 Satellite
nAPP2600251804

Photograph 7	Date 02/13/2026	
Description Patched liner, BH01		
View North		

Photograph 8	Date 02/13/2026	
Description Lateral delineation activities, BH03		
View West		

ENSOLUM

Photographic Log

XTO Energy, Inc
Corral Canyon 8 Satellite
nAPP2600251804

Photograph 9	Date 03/10/2026	
Description Lateral delineation activities via core drill, BH02		
View North		

Photograph 10	Date 02/13/2026	
Description Containment overview with restricted access west of containment		
View Northwest		

ENSOLUM

APPENDIX F

Laboratory Analytical Reports & Chain of Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

Corral Canyon 8 Sat
03C1558804

JOB NUMBER

890-9514-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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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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Authorized for release by
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Definitions/Glossary

Client: Ensolum
Job ID: 890-9514-1
Project/Site: Corral Canyon 8 Sat
SDG: 03C1558804

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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
Project: Corral Canyon 8 Sat

Job ID: 890-9514-1

Job ID: 890-9514-1 Eurofins Carlsbad

Job Narrative
890-9514-1

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 2/13/2026 3:47 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 3.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: BH01 (890-9514-1), BH01A (890-9514-2) and BH01B (890-9514-3).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: BH01 (890-9514-1) and BH01A (890-9514-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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 continuing calibration verification (CCV) associated with batch 880-132360 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and 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 880-132360/166).

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

HPLC/IC
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132112 and analytical batch 880-132125 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.

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

Client Sample Results

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

Client Sample ID: BH01

Lab Sample ID: 890-9514-1
Matrix: Solid

Date Collected: 02/13/26 09:39
Date Received: 02/13/26 15:47
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00573		0.00200	mg/Kg		02/18/26 12:54	02/20/26 02:00	1
Toluene	0.0714		0.00200	mg/Kg		02/18/26 12:54	02/20/26 02:00	1
Ethylbenzene	0.0784		0.00200	mg/Kg		02/18/26 12:54	02/20/26 02:00	1
m-Xylene & p-Xylene	0.268		0.00399	mg/Kg		02/18/26 12:54	02/20/26 02:00	1
o-Xylene	0.0814		0.00200	mg/Kg		02/18/26 12:54	02/20/26 02:00	1
Xylenes, Total	0.349		0.00399	mg/Kg		02/18/26 12:54	02/20/26 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*02/18/26 12:54*	*02/20/26 02:00*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/18/26 12:54*	*02/20/26 02:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.505		0.00399	mg/Kg			02/20/26 02:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6480		50.0	mg/Kg			02/20/26 04:31	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	385		50.0	mg/Kg		02/15/26 19:26	02/20/26 04:31	1
Diesel Range Organics (Over C10-C28)	6020		50.0	mg/Kg		02/15/26 19:26	02/20/26 04:31	1
Oil Range Organics (Over C28-C36)	76.6		50.0	mg/Kg		02/15/26 19:26	02/20/26 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*02/15/26 19:26*	*02/20/26 04:31*	*1*
o-Terphenyl	*108*		*70 - 130*	*02/15/26 19:26*	*02/20/26 04:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.4		9.96	mg/Kg			02/18/26 02:50	1

Client Sample ID: BH01A

Lab Sample ID: 890-9514-2
Matrix: Solid

Date Collected: 02/13/26 09:56
Date Received: 02/13/26 15:47
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0195		0.00201	mg/Kg		02/18/26 12:54	02/20/26 02:20	1
Toluene	0.0719		0.00201	mg/Kg		02/18/26 12:54	02/20/26 02:20	1
Ethylbenzene	0.104		0.00201	mg/Kg		02/18/26 12:54	02/20/26 02:20	1
m-Xylene & p-Xylene	0.105		0.00402	mg/Kg		02/18/26 12:54	02/20/26 02:20	1
o-Xylene	0.116		0.00201	mg/Kg		02/18/26 12:54	02/20/26 02:20	1
Xylenes, Total	0.221		0.00402	mg/Kg		02/18/26 12:54	02/20/26 02:20	1

Client Sample Results

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

Client Sample ID: BH01A

Lab Sample ID: 890-9514-2
Matrix: Solid

Date Collected: 02/13/26 09:56
Date Received: 02/13/26 15:47
Sample Depth: 1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	02/18/26 12:54	02/20/26 02:20	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/18/26 12:54	02/20/26 02:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.416		0.00402	mg/Kg			02/20/26 02:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6470		49.8	mg/Kg			02/20/26 05:02	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	375		49.8	mg/Kg		02/15/26 19:26	02/20/26 05:02	1
Diesel Range Organics (Over C10-C28)	5990		49.8	mg/Kg		02/15/26 19:26	02/20/26 05:02	1
Oil Range Organics (Over C28-C36)	102		49.8	mg/Kg		02/15/26 19:26	02/20/26 05:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	02/15/26 19:26	02/20/26 05:02	1
o-Terphenyl	109		70 - 130	02/15/26 19:26	02/20/26 05:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.6		10.1	mg/Kg			02/17/26 21:46	1

Client Sample ID: BH01B

Lab Sample ID: 890-9514-3
Matrix: Solid

Date Collected: 02/13/26 10:28
Date Received: 02/13/26 15:47
Sample Depth: 2

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		02/18/26 12:54	02/20/26 02:41	1
Toluene	0.00278		0.00202	mg/Kg		02/18/26 12:54	02/20/26 02:41	1
Ethylbenzene	0.0147		0.00202	mg/Kg		02/18/26 12:54	02/20/26 02:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		02/18/26 12:54	02/20/26 02:41	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/18/26 12:54	02/20/26 02:41	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/18/26 12:54	02/20/26 02:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	02/18/26 12:54	02/20/26 02:41	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/18/26 12:54	02/20/26 02:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0175		0.00404	mg/Kg			02/20/26 02:41	1

Client Sample Results

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

Client Sample ID: BH01B

Lab Sample ID: 890-9514-3

Date Collected: 02/13/26 10:28
Date Received: 02/13/26 15:47
Sample Depth: 2

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2170		50.1		mg/Kg			02/20/26 05:16	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	<50.1	U	50.1		mg/Kg		02/15/26 19:26	02/20/26 05:16	1
Diesel Range Organics (Over C10-C28)	2110		50.1		mg/Kg		02/15/26 19:26	02/20/26 05:16	1
Oil Range Organics (Over C28-C36)	64.9		50.1		mg/Kg		02/15/26 19:26	02/20/26 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*02/15/26 19:26*	*02/20/26 05:16*	*1*
o-Terphenyl	*116*		*70 - 130*	*02/15/26 19:26*	*02/20/26 05:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.8		10.1		mg/Kg			02/17/26 17:56	1

Surrogate Summary

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

Method: 8021B - Volatile Organic Compounds (GC)

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

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-68377-A-41-E MS	Matrix Spike	99	99
880-68377-A-41-F MSD	Matrix Spike Duplicate	94	102
890-9514-1	BH01	140 S1+	96
890-9514-2	BH01A	154 S1+	83
890-9514-3	BH01B	82	90
LCS 880-132239/1-A	Lab Control Sample	99	96
LCSD 880-132239/2-A	Lab Control Sample Dup	102	98
MB 880-132204/5-A	Method Blank	108	93
MB 880-132239/5-A	Method Blank	111	89

Percent Surrogate Recovery (Acceptance Limits)

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**

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9513-A-13-B MS	Matrix Spike	85	82
890-9513-A-13-C MSD	Matrix Spike Duplicate	74	75
890-9514-1	BH01	106	108
890-9514-2	BH01A	109	109
890-9514-3	BH01B	90	116
LCS 880-131854/2-A	Lab Control Sample	105	111
LCSD 880-131854/3-A	Lab Control Sample Dup	96	102
MB 880-131854/1-A	Method Blank	107	114

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132204/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132319 — **Prep Batch: 132204**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:27	02/19/26 10:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:27	02/19/26 10:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:27	02/19/26 10:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 10:27	02/19/26 10:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:27	02/19/26 10:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 10:27	02/19/26 10:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/18/26 10:27*	*02/19/26 10:03*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/18/26 10:27*	*02/19/26 10:03*	*1*

Lab Sample ID: MB 880-132239/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132319 — **Prep Batch: 132239**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 12:54	02/19/26 21:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 12:54	02/19/26 21:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 12:54	02/19/26 21:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 12:54	02/19/26 21:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 12:54	02/19/26 21:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 12:54	02/19/26 21:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/18/26 12:54*	*02/19/26 21:00*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*02/18/26 12:54*	*02/19/26 21:00*	*1*

Lab Sample ID: LCS 880-132239/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132319 — **Prep Batch: 132239**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08705		mg/Kg		87	70 - 130		
Toluene			0.100	0.09743		mg/Kg		97	70 - 130		
Ethylbenzene			0.100	0.08771		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene			0.200	0.1815		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.08962		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-132239/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132319 — **Prep Batch: 132239**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09067		mg/Kg		91	70 - 130	4	35

QC Sample Results

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

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

Lab Sample ID: LCSD 880-132239/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132319 — **Prep Batch: 132239**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09959		mg/Kg		100	70 - 130	2	35
Ethylbenzene			0.100	0.08869		mg/Kg		89	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1829		mg/Kg		91	70 - 130	1	35
o-Xylene			0.100	0.09007		mg/Kg		90	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-68377-A-41-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132319 — **Prep Batch: 132239**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.00696		0.100	0.08262		mg/Kg		76	70 - 130		
Toluene	0.0187		0.100	0.09021		mg/Kg		72	70 - 130		
Ethylbenzene	0.00295		0.100	0.07363		mg/Kg		71	70 - 130		
m-Xylene & p-Xylene	0.00565		0.200	0.1476		mg/Kg		71	70 - 130		
o-Xylene	<0.00200	U	0.100	0.07162		mg/Kg		70	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-68377-A-41-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132319 — **Prep Batch: 132239**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00696		0.100	0.08978		mg/Kg		83	70 - 130	8	35
Toluene	0.0187		0.100	0.09654		mg/Kg		78	70 - 130	7	35
Ethylbenzene	0.00295		0.100	0.07534		mg/Kg		72	70 - 130	2	35
m-Xylene & p-Xylene	0.00565		0.200	0.1505		mg/Kg		72	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.07242		mg/Kg		70	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

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

Lab Sample ID: MB 880-131854/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

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		02/15/26 19:25	02/20/26 01:00	1

QC Sample Results

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

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

Lab Sample ID: MB 880-131854/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 19:25	02/20/26 01:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 19:25	02/20/26 01:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*02/15/26 19:25*	*02/20/26 01:00*	*1*
o-Terphenyl	*114*		*70 - 130*	*02/15/26 19:25*	*02/20/26 01:00*	*1*

Lab Sample ID: LCS 880-131854/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1074		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1045		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: LCSD 880-131854/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	973.8		mg/Kg		97	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	971.9		mg/Kg		97	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

Lab Sample ID: 890-9513-A-13-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	998	1004		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.2	U	998	905.9		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*82*		*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

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

Lab Sample ID: 890-9513-A-13-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

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	<50.2	U	998	850.9		mg/Kg		85	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	<50.2	U	998	886.9		mg/Kg		89	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132115/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132123

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 23:59	1

Lab Sample ID: LCS 880-132115/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132123

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.0		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-132115/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132123

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	255.9		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 890-9513-A-13-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132123

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	372		249	603.0		mg/Kg		93	90 - 110		

Lab Sample ID: 890-9513-A-13-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132123

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	372		249	601.3		mg/Kg		92	90 - 110	0	20

QC Sample Results

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-132112/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 16:06	1

Lab Sample ID: LCS 880-132112/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	227.3		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-132112/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	226.9		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-68289-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	819	F1	252	1027	F1	mg/Kg		83	90 - 110		

Lab Sample ID: 880-68289-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	819	F1	252	1026	F1	mg/Kg		82	90 - 110	0	20

Lab Sample ID: MB 880-132116/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132127

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 19:09	1

Lab Sample ID: LCS 880-132116/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132127

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	228.5		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-132116/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132127

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	228.7		mg/Kg		91	90 - 110	0	20

QC Sample Results

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-68289-A-5-C MS
Matrix: Solid
Analysis Batch: 132127

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	35.3		251	279.1		mg/Kg		97	90 - 110		

Lab Sample ID: 880-68289-A-5-D MSD
Matrix: Solid
Analysis Batch: 132127

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	35.3		251	274.0		mg/Kg		95	90 - 110	2	20

QC Association Summary

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

GC VOA

Prep Batch: 132204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132204/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 132239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-1	BH01	Total/NA	Solid	5035	
890-9514-2	BH01A	Total/NA	Solid	5035	
890-9514-3	BH01B	Total/NA	Solid	5035	
MB 880-132239/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132239/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132239/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68377-A-41-E MS	Matrix Spike	Total/NA	Solid	5035	
880-68377-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-1	BH01	Total/NA	Solid	8021B	132239
890-9514-2	BH01A	Total/NA	Solid	8021B	132239
890-9514-3	BH01B	Total/NA	Solid	8021B	132239
MB 880-132204/5-A	Method Blank	Total/NA	Solid	8021B	132204
MB 880-132239/5-A	Method Blank	Total/NA	Solid	8021B	132239
LCS 880-132239/1-A	Lab Control Sample	Total/NA	Solid	8021B	132239
LCSD 880-132239/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132239
880-68377-A-41-E MS	Matrix Spike	Total/NA	Solid	8021B	132239
880-68377-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132239

Analysis Batch: 132539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-1	BH01	Total/NA	Solid	Total BTEX	
890-9514-2	BH01A	Total/NA	Solid	Total BTEX	
890-9514-3	BH01B	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-1	BH01	Total/NA	Solid	8015NM Prep	
890-9514-2	BH01A	Total/NA	Solid	8015NM Prep	
890-9514-3	BH01B	Total/NA	Solid	8015NM Prep	
MB 880-131854/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131854/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131854/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9513-A-13-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9513-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-1	BH01	Total/NA	Solid	8015B NM	131854
890-9514-2	BH01A	Total/NA	Solid	8015B NM	131854
890-9514-3	BH01B	Total/NA	Solid	8015B NM	131854
MB 880-131854/1-A	Method Blank	Total/NA	Solid	8015B NM	131854
LCS 880-131854/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131854

QC Association Summary

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

GC Semi VOA (Continued)

Analysis Batch: 132360 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-131854/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131854
890-9513-A-13-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131854
890-9513-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131854

Analysis Batch: 132523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-1	BH01	Total/NA	Solid	8015 NM	
890-9514-2	BH01A	Total/NA	Solid	8015 NM	
890-9514-3	BH01B	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-3	BH01B	Soluble	Solid	DI Leach	
MB 880-132112/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132112/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132112/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68289-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68289-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 132115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-1	BH01	Soluble	Solid	DI Leach	
MB 880-132115/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132115/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132115/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9513-A-13-E MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9513-A-13-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 132116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-2	BH01A	Soluble	Solid	DI Leach	
MB 880-132116/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132116/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132116/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68289-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68289-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 132123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-1	BH01	Soluble	Solid	300.0	132115
MB 880-132115/1-A	Method Blank	Soluble	Solid	300.0	132115
LCS 880-132115/2-A	Lab Control Sample	Soluble	Solid	300.0	132115
LCSD 880-132115/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132115
890-9513-A-13-E MS	Matrix Spike	Soluble	Solid	300.0	132115
890-9513-A-13-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132115

Analysis Batch: 132125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-3	BH01B	Soluble	Solid	300.0	132112

QC Association Summary

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

HPLC/IC (Continued)

Analysis Batch: 132125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132112/1-A	Method Blank	Soluble	Solid	300.0	132112
LCS 880-132112/2-A	Lab Control Sample	Soluble	Solid	300.0	132112
LCSD 880-132112/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132112
880-68289-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	132112
880-68289-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132112

Analysis Batch: 132127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9514-2	BH01A	Soluble	Solid	300.0	132116
MB 880-132116/1-A	Method Blank	Soluble	Solid	300.0	132116
LCS 880-132116/2-A	Lab Control Sample	Soluble	Solid	300.0	132116
LCSD 880-132116/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132116
880-68289-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	132116
880-68289-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132116

Lab Chronicle

Client: Ensolum
Project/Site: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

Client Sample ID: BH01

Lab Sample ID: 890-9514-1
Date Collected: 02/13/26 09:39
Matrix: Solid
Date Received: 02/13/26 15:47

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	132239	02/18/26 12:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132319	02/20/26 02:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132539	02/20/26 02:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			132523	02/20/26 04:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 04:31	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132115	02/17/26 13:00	SA	EET MID
Soluble	Analysis	300.0		1			132123	02/18/26 02:50	CS	EET MID

Client Sample ID: BH01A

Lab Sample ID: 890-9514-2
Date Collected: 02/13/26 09:56
Matrix: Solid
Date Received: 02/13/26 15:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	132239	02/18/26 12:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132319	02/20/26 02:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132539	02/20/26 02:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			132523	02/20/26 05:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 05:02	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132116	02/17/26 13:02	SA	EET MID
Soluble	Analysis	300.0		1			132127	02/17/26 21:46	CS	EET MID

Client Sample ID: BH01B

Lab Sample ID: 890-9514-3
Date Collected: 02/13/26 10:28
Matrix: Solid
Date Received: 02/13/26 15:47

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	132239	02/18/26 12:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132319	02/20/26 02:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132539	02/20/26 02:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			132523	02/20/26 05:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 05:16	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132112	02/17/26 12:58	SA	EET MID
Soluble	Analysis	300.0		1			132125	02/17/26 17:56	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: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

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: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

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: Corral Canyon 8 Sat

Job ID: 890-9514-1
SDG: 03C1558804

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9514-1	BH01	Solid	02/13/26 09:39	02/13/26 15:47	0.5
890-9514-2	BH01A	Solid	02/13/26 09:56	02/13/26 15:47	1
890-9514-3	BH01B	Solid	02/13/26 10:28	02/13/26 15:47	2

Released to Imaging: 7/6/2026 2:40:06 PM

Received by OCD: 6/29/2026 1:57:05 PM

890-9514 Chain of Custody

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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

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	Tracy Hillard	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) 937-3906	Email:	THillard@ensolum.com, TMorrissey@ensolum.com

Work Order Comments

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

Project Name:	Corral Canyon 8 Sat	Turn Around	☑ Routine ☐ Rush
Project Number:	03C1558804	Due Date:	
Project Location:	32.1421, -104.0072	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Trevor Wargo		
PO #:			

SAMPLE RECEIPT

Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	7nmec
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.4
Total Containers:		Corrected Temperature:	3.2

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH 8015	BTEX 8021	Chloride 300	Sample Comments
BH01	Soil	2/13/26	9:39	0.5	G	1	↓	↓	↓	
BH01A	↓	↓	9:56	1						
BH01B	↓	↓	10:28	2	↓	↓				

TOW

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

Circle Method(s) and Metal(s) to be analyzed

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

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

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Trevor Wargo	Brunt	2/13 1547			
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Incident #: nAPP2600251804
CC: 2125321001
GFCM: 48605000

CC: twargo@ensolum.com, CWright@ensolum.com, K Thomason@e

Released to Imaging: 7/6/2026 2:40:06 PM

Received by OCD: 6/29/2026 1:57:05 PM

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6523 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 #: 890-9514-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 2/19/2026			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: Corral Canyon 8 Sat	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:										
BH01 (890-9514-1)	2/13/26	09 39 Mountain	G	Solid			X	X	X	X	X	1	
BH01A (890-9514-2)	2/13/26	09 56 Mountain	G	Solid			X	X	X	X	X	1	
BH01B (890-9514-3)	2/13/26	10 28 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
[signature]	2/13 1630		[signature]	2-16-26 1100	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9514-1
SDG Number: 03C1558804

Login Number: 9514
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: 890-9514-1
SDG Number: 03C1558804

Login Number: 9514
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 02/16/26 11:00 AM

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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 2/23/2026 8:23:07 PM

JOB DESCRIPTION

CORRAL CANYON 8 SAT
03C1558804

JOB NUMBER

890-9515-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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my EOL

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

Generated
2/23/2026 8:23:07 PM

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

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Definitions/Glossary

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Qualifiers

GC VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD 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
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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
Project: CORRAL CANYON 8 SAT

Job ID: 890-9515-1

Job ID: 890-9515-1 Eurofins Carlsbad

Job Narrative
890-9515-1

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 2/13/2026 3:47 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 3.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: BH 02 (890-9515-1), BH 02A (890-9515-2), BH 03 (890-9515-3), BH 03A (890-9515-4), BH 04 (890-9515-5), BH 04A (890-9515-6) and SS 01 (890-9515-7).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: BH 02 (890-9515-1), (CCV 880-132434/2), (LCS 880-132457/1-A), (LCSD 880-132457/2-A), (890-9515-A-1-D MS) and (890-9515-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132457 and analytical batch 880-132434 was outside the upper control limits.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-132457 and analytical batch 880-132434 recovered outside control limits for the following analytes: Benzene.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH 02A (890-9515-2), BH 03 (890-9515-3), BH 03A (890-9515-4), BH 04 (890-9515-5), BH 04A (890-9515-6), SS 01 (890-9515-7), (CCV 880-132434/33), (880-67886-A-23-A MB) and (880-67886-A-23-B MDLV). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-132457 and analytical batch 880-132434 recovered outside control limits for the following analytes: Benzene.

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 continuing calibration verification (CCV) associated with batch 880-132360 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and 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 880-132360/166).

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

HPLC/IC
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132112 and analytical batch 880-132125 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.

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

Case Narrative

Client: Ensolum
Project: CORRAL CANYON 8 SAT

Job ID: 890-9515-1

Job ID: 890-9515-1 (Continued)

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Client Sample ID: BH 02

Lab Sample ID: 890-9515-1
Matrix: Solid

Date Collected: 02/13/26 11:54
Date Received: 02/13/26 15:47
Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *1	0.00200		mg/Kg		02/20/26 09:13	02/20/26 10:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 10:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 10:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/20/26 09:13	02/20/26 10:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 10:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/20/26 09:13	02/20/26 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*211*	*S1+*	*70 - 130*	*02/20/26 09:13*	*02/20/26 10:56*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/20/26 09:13*	*02/20/26 10:56*	*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			02/20/26 10:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**358**		50.0		mg/Kg			02/20/26 05:32	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		02/15/26 19:26	02/20/26 05:32	1
Diesel Range Organics (Over C10-C28)	**238**		50.0		mg/Kg		02/15/26 19:26	02/20/26 05:32	1
Oil Range Organics (Over C28-C36)	**120**		50.0		mg/Kg		02/15/26 19:26	02/20/26 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*02/15/26 19:26*	*02/20/26 05:32*	*1*
o-Terphenyl	*99*		*70 - 130*	*02/15/26 19:26*	*02/20/26 05:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**137**		9.94		mg/Kg			02/17/26 18:11	1

Client Sample ID: BH 02A

Lab Sample ID: 890-9515-2
Matrix: Solid

Date Collected: 02/13/26 12:16
Date Received: 02/13/26 15:47
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *1	0.00200		mg/Kg		02/20/26 09:13	02/20/26 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 16:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 16:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/20/26 09:13	02/20/26 16:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 16:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/20/26 09:13	02/20/26 16:16	1

Client Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Client Sample ID: BH 02A

Lab Sample ID: 890-9515-2
Matrix: Solid

Date Collected: 02/13/26 12:16
Date Received: 02/13/26 15:47
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	02/20/26 09:13	02/20/26 16:16	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/20/26 09:13	02/20/26 16:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			02/20/26 16:16	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			02/20/26 05:47	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		02/15/26 19:26	02/20/26 05:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/15/26 19:26	02/20/26 05:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/15/26 19:26	02/20/26 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	02/15/26 19:26	02/20/26 05:47	1
o-Terphenyl	92		70 - 130	02/15/26 19:26	02/20/26 05:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**185**		10.0	mg/Kg			02/17/26 18:17	1

Client Sample ID: BH 03

Lab Sample ID: 890-9515-3
Matrix: Solid

Date Collected: 02/13/26 11:58
Date Received: 02/13/26 15:47
Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *1	0.00200	mg/Kg		02/20/26 09:13	02/20/26 16:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/20/26 09:13	02/20/26 16:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/20/26 09:13	02/20/26 16:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		02/20/26 09:13	02/20/26 16:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/20/26 09:13	02/20/26 16:36	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/20/26 09:13	02/20/26 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/20/26 09:13	02/20/26 16:36	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	02/20/26 09:13	02/20/26 16:36	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			02/20/26 16:36	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			02/20/26 06:02	1

Client Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Client Sample ID: BH 03

Lab Sample ID: 890-9515-3
Matrix: Solid

Date Collected: 02/13/26 11:58
Date Received: 02/13/26 15:47
Sample Depth: SURFACE

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		02/15/26 19:26	02/20/26 06:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/15/26 19:26	02/20/26 06:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/15/26 19:26	02/20/26 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*02/15/26 19:26*	*02/20/26 06:02*	*1*
o-Terphenyl	*109*		*70 - 130*	*02/15/26 19:26*	*02/20/26 06:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.3**		10.0	mg/Kg			02/17/26 18:22	1

Client Sample ID: BH 03A

Lab Sample ID: 890-9515-4
Matrix: Solid

Date Collected: 02/13/26 12:33
Date Received: 02/13/26 15:47
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *1	0.00201	mg/Kg		02/20/26 09:13	02/20/26 16:56	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/20/26 09:13	02/20/26 16:56	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/20/26 09:13	02/20/26 16:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/20/26 09:13	02/20/26 16:56	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/20/26 09:13	02/20/26 16:56	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/20/26 09:13	02/20/26 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*02/20/26 09:13*	*02/20/26 16:56*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*02/20/26 09:13*	*02/20/26 16:56*	*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			02/20/26 16:56	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			02/20/26 06:17	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	<49.9	U	49.9	mg/Kg		02/15/26 19:26	02/20/26 06:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/15/26 19:26	02/20/26 06:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/15/26 19:26	02/20/26 06:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*02/15/26 19:26*	*02/20/26 06:17*	*1*
o-Terphenyl	*97*		*70 - 130*	*02/15/26 19:26*	*02/20/26 06:17*	*1*

Client Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Client Sample ID: BH 03A

Lab Sample ID: 890-9515-4
Matrix: Solid

Date Collected: 02/13/26 12:33
Date Received: 02/13/26 15:47
Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		10.1		mg/Kg			02/17/26 18:27	1

Client Sample ID: BH 04

Lab Sample ID: 890-9515-5
Matrix: Solid

Date Collected: 02/13/26 12:48
Date Received: 02/13/26 15:47
Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *1	0.00202		mg/Kg		02/20/26 09:13	02/20/26 17:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/20/26 09:13	02/20/26 17:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/20/26 09:13	02/20/26 17:17	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/20/26 09:13	02/20/26 17:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/20/26 09:13	02/20/26 17:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/20/26 09:13	02/20/26 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/20/26 09:13*	*02/20/26 17:17*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*02/20/26 09:13*	*02/20/26 17:17*	*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			02/20/26 17:17	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			02/20/26 06:32	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		02/15/26 19:26	02/20/26 06:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 19:26	02/20/26 06:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 19:26	02/20/26 06:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*02/15/26 19:26*	*02/20/26 06:32*	*1*
o-Terphenyl	*111*		*70 - 130*	*02/15/26 19:26*	*02/20/26 06:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 18:32	1

Client Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Client Sample ID: BH 04A

Lab Sample ID: 890-9515-6
Matrix: Solid

Date Collected: 02/13/26 13:03
Date Received: 02/13/26 15:47
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *1	0.00199		mg/Kg		02/20/26 09:13	02/20/26 17:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/20/26 09:13	02/20/26 17:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/20/26 09:13	02/20/26 17:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/20/26 09:13	02/20/26 17:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/20/26 09:13	02/20/26 17:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/20/26 09:13	02/20/26 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*02/20/26 09:13*	*02/20/26 17:37*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/20/26 09:13*	*02/20/26 17:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/20/26 17:37	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			02/20/26 06:48	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		02/15/26 19:26	02/20/26 06:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 19:26	02/20/26 06:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 19:26	02/20/26 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*02/15/26 19:26*	*02/20/26 06:48*	*1*
o-Terphenyl	*88*		*70 - 130*	*02/15/26 19:26*	*02/20/26 06:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 18:38	1

Client Sample ID: SS 01

Lab Sample ID: 890-9515-7
Matrix: Solid

Date Collected: 02/13/26 12:51
Date Received: 02/13/26 15:47
Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *1	0.00198		mg/Kg		02/20/26 09:13	02/20/26 17:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/20/26 09:13	02/20/26 17:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/20/26 09:13	02/20/26 17:58	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/20/26 09:13	02/20/26 17:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/20/26 09:13	02/20/26 17:58	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/20/26 09:13	02/20/26 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/20/26 09:13*	*02/20/26 17:58*	*1*

Client Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Client Sample ID: SS 01

Lab Sample ID: 890-9515-7

Date Collected: 02/13/26 12:51
Date Received: 02/13/26 15:47
Sample Depth: SURFACE

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*02/20/26 09:13*	*02/20/26 17:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			02/20/26 17:58	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			02/20/26 07:03	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		02/15/26 19:26	02/20/26 07:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/15/26 19:26	02/20/26 07:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/15/26 19:26	02/20/26 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*02/15/26 19:26*	*02/20/26 07:03*	*1*
o-Terphenyl	*96*		*70 - 130*	*02/15/26 19:26*	*02/20/26 07:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.5**		9.94	mg/Kg			02/17/26 18:43	1

Surrogate Summary

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Method: 8021B - Volatile Organic Compounds (GC)

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

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-67886-A-23-A MB	Method Blank	147 S1+	87
890-9515-1	BH 02	211 S1+	99
890-9515-1 MS	BH 02	156 S1+	71
890-9515-1 MSD	BH 02	146 S1+	80
890-9515-2	BH 02A	140 S1+	87
890-9515-3	BH 03	113	69 S1-
890-9515-4	BH 03A	128	77
890-9515-5	BH 04	113	75
890-9515-6	BH 04A	142 S1+	93
890-9515-7	SS 01	104	67 S1-
LCS 880-132457/1-A	Lab Control Sample	183 S1+	91
LCSD 880-132457/2-A	Lab Control Sample Dup	134 S1+	72
MB 880-132457/5-A	Method Blank	184 S1+	98

Percent Surrogate Recovery (Acceptance Limits)

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**

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9513-A-13-B MS	Matrix Spike	85	82
890-9513-A-13-C MSD	Matrix Spike Duplicate	74	75
890-9515-1	BH 02	105	99
890-9515-2	BH 02A	94	92
890-9515-3	BH 03	113	109
890-9515-4	BH 03A	100	97
890-9515-5	BH 04	118	111
890-9515-6	BH 04A	90	88
890-9515-7	SS 01	101	96
LCS 880-131854/2-A	Lab Control Sample	105	111
LCSD 880-131854/3-A	Lab Control Sample Dup	96	102
MB 880-131854/1-A	Method Blank	107	114

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 880-67886-A-23-A MB
Matrix: Solid
Analysis Batch: 132434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132457

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 15:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 15:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 15:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/20/26 09:13	02/20/26 15:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 15:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/20/26 09:13	02/20/26 15:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*02/20/26 09:13*	*02/20/26 15:35*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/20/26 09:13*	*02/20/26 15:35*	*1*

Lab Sample ID: MB 880-132457/5-A
Matrix: Solid
Analysis Batch: 132434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132457

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 10:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 10:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 10:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/20/26 09:13	02/20/26 10:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 09:13	02/20/26 10:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/20/26 09:13	02/20/26 10:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*184*	*S1+*	*70 - 130*	*02/20/26 09:13*	*02/20/26 10:35*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/20/26 09:13*	*02/20/26 10:35*	*1*

Lab Sample ID: LCS 880-132457/1-A
Matrix: Solid
Analysis Batch: 132434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132457

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1227		mg/Kg		123	70 - 130		
Toluene			0.100	0.1129		mg/Kg		113	70 - 130		
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130		
m-Xylene & p-Xylene			0.200	0.2291		mg/Kg		115	70 - 130		
o-Xylene			0.100	0.1262		mg/Kg		126	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*183*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-132457/2-A
Matrix: Solid
Analysis Batch: 132434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132457

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08525	*1	mg/Kg		85	70 - 130	36	35

QC Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

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

Lab Sample ID: LCSD 880-132457/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132434 — **Prep Batch: 132457**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08924		mg/Kg		89	70 - 130	23	35
Ethylbenzene			0.100	0.08555		mg/Kg		86	70 - 130	23	35
m-Xylene & p-Xylene			0.200	0.1859		mg/Kg		93	70 - 130	21	35
o-Xylene			0.100	0.1015		mg/Kg		102	70 - 130	22	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*

Lab Sample ID: 890-9515-1 MS — **Client Sample ID: BH 02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132434 — **Prep Batch: 132457**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U *1	0.100	0.09142		mg/Kg		91	70 - 130		
Toluene	<0.00200	U	0.100	0.1073		mg/Kg		107	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1025		mg/Kg		103	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2270		mg/Kg		113	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1241		mg/Kg		124	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*

Lab Sample ID: 890-9515-1 MSD — **Client Sample ID: BH 02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132434 — **Prep Batch: 132457**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U *1	0.100	0.08561		mg/Kg		86	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.09950		mg/Kg		99	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.09637		mg/Kg		96	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2099		mg/Kg		105	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.1155		mg/Kg		116	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*

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

Lab Sample ID: MB 880-131854/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

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		02/15/26 19:25	02/20/26 01:00	1

QC Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

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

Lab Sample ID: MB 880-131854/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 19:25	02/20/26 01:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 19:25	02/20/26 01:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*02/15/26 19:25*	*02/20/26 01:00*	*1*
o-Terphenyl	*114*		*70 - 130*	*02/15/26 19:25*	*02/20/26 01:00*	*1*

Lab Sample ID: LCS 880-131854/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1074		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1045		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: LCSD 880-131854/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	973.8		mg/Kg		97	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	971.9		mg/Kg		97	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

Lab Sample ID: 890-9513-A-13-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	998	1004		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.2	U	998	905.9		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*82*		*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

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

Lab Sample ID: 890-9513-A-13-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132360 — **Prep Batch: 131854**

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	<50.2	U	998	850.9		mg/Kg		85	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	<50.2	U	998	886.9		mg/Kg		89	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132112/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 16:06	1

Lab Sample ID: LCS 880-132112/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	227.3		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-132112/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	226.9		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-68289-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	819	F1	252	1027	F1	mg/Kg		83	90 - 110		

Lab Sample ID: 880-68289-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132125

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	819	F1	252	1026	F1	mg/Kg		82	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

GC VOA

Analysis Batch: 132434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9515-1	BH 02	Total/NA	Solid	8021B	132457
890-9515-2	BH 02A	Total/NA	Solid	8021B	132457
890-9515-3	BH 03	Total/NA	Solid	8021B	132457
890-9515-4	BH 03A	Total/NA	Solid	8021B	132457
890-9515-5	BH 04	Total/NA	Solid	8021B	132457
890-9515-6	BH 04A	Total/NA	Solid	8021B	132457
890-9515-7	SS 01	Total/NA	Solid	8021B	132457
880-67886-A-23-A MB	Method Blank	Total/NA	Solid	8021B	132457
MB 880-132457/5-A	Method Blank	Total/NA	Solid	8021B	132457
LCS 880-132457/1-A	Lab Control Sample	Total/NA	Solid	8021B	132457
LCSD 880-132457/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132457
890-9515-1 MS	BH 02	Total/NA	Solid	8021B	132457
890-9515-1 MSD	BH 02	Total/NA	Solid	8021B	132457

Prep Batch: 132457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9515-1	BH 02	Total/NA	Solid	5035	
890-9515-2	BH 02A	Total/NA	Solid	5035	
890-9515-3	BH 03	Total/NA	Solid	5035	
890-9515-4	BH 03A	Total/NA	Solid	5035	
890-9515-5	BH 04	Total/NA	Solid	5035	
890-9515-6	BH 04A	Total/NA	Solid	5035	
890-9515-7	SS 01	Total/NA	Solid	5035	
880-67886-A-23-A MB	Method Blank	Total/NA	Solid	5035	
MB 880-132457/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132457/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132457/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9515-1 MS	BH 02	Total/NA	Solid	5035	
890-9515-1 MSD	BH 02	Total/NA	Solid	5035	

Analysis Batch: 132599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9515-1	BH 02	Total/NA	Solid	Total BTEX	
890-9515-2	BH 02A	Total/NA	Solid	Total BTEX	
890-9515-3	BH 03	Total/NA	Solid	Total BTEX	
890-9515-4	BH 03A	Total/NA	Solid	Total BTEX	
890-9515-5	BH 04	Total/NA	Solid	Total BTEX	
890-9515-6	BH 04A	Total/NA	Solid	Total BTEX	
890-9515-7	SS 01	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9515-1	BH 02	Total/NA	Solid	8015NM Prep	
890-9515-2	BH 02A	Total/NA	Solid	8015NM Prep	
890-9515-3	BH 03	Total/NA	Solid	8015NM Prep	
890-9515-4	BH 03A	Total/NA	Solid	8015NM Prep	
890-9515-5	BH 04	Total/NA	Solid	8015NM Prep	
890-9515-6	BH 04A	Total/NA	Solid	8015NM Prep	
890-9515-7	SS 01	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

GC Semi VOA (Continued)

Prep Batch: 131854 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131854/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131854/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131854/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9513-A-13-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9513-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9515-1	BH 02	Total/NA	Solid	8015B NM	131854
890-9515-2	BH 02A	Total/NA	Solid	8015B NM	131854
890-9515-3	BH 03	Total/NA	Solid	8015B NM	131854
890-9515-4	BH 03A	Total/NA	Solid	8015B NM	131854
890-9515-5	BH 04	Total/NA	Solid	8015B NM	131854
890-9515-6	BH 04A	Total/NA	Solid	8015B NM	131854
890-9515-7	SS 01	Total/NA	Solid	8015B NM	131854
MB 880-131854/1-A	Method Blank	Total/NA	Solid	8015B NM	131854
LCS 880-131854/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131854
LCSD 880-131854/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131854
890-9513-A-13-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131854
890-9513-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131854

Analysis Batch: 132524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9515-1	BH 02	Total/NA	Solid	8015 NM	
890-9515-2	BH 02A	Total/NA	Solid	8015 NM	
890-9515-3	BH 03	Total/NA	Solid	8015 NM	
890-9515-4	BH 03A	Total/NA	Solid	8015 NM	
890-9515-5	BH 04	Total/NA	Solid	8015 NM	
890-9515-6	BH 04A	Total/NA	Solid	8015 NM	
890-9515-7	SS 01	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9515-1	BH 02	Soluble	Solid	DI Leach	
890-9515-2	BH 02A	Soluble	Solid	DI Leach	
890-9515-3	BH 03	Soluble	Solid	DI Leach	
890-9515-4	BH 03A	Soluble	Solid	DI Leach	
890-9515-5	BH 04	Soluble	Solid	DI Leach	
890-9515-6	BH 04A	Soluble	Solid	DI Leach	
890-9515-7	SS 01	Soluble	Solid	DI Leach	
MB 880-132112/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132112/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132112/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68289-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68289-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 132125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9515-1	BH 02	Soluble	Solid	300.0	132112

QC Association Summary

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

HPLC/IC (Continued)

Analysis Batch: 132125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9515-2	BH 02A	Soluble	Solid	300.0	132112
890-9515-3	BH 03	Soluble	Solid	300.0	132112
890-9515-4	BH 03A	Soluble	Solid	300.0	132112
890-9515-5	BH 04	Soluble	Solid	300.0	132112
890-9515-6	BH 04A	Soluble	Solid	300.0	132112
890-9515-7	SS 01	Soluble	Solid	300.0	132112
MB 880-132112/1-A	Method Blank	Soluble	Solid	300.0	132112
LCS 880-132112/2-A	Lab Control Sample	Soluble	Solid	300.0	132112
LCSD 880-132112/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132112
880-68289-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	132112
880-68289-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132112

Lab Chronicle

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Client Sample ID: BH 02

Lab Sample ID: 890-9515-1
Date Collected: 02/13/26 11:54
Matrix: Solid
Date Received: 02/13/26 15:47

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	132457	02/20/26 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132434	02/20/26 10:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132599	02/20/26 10:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			132524	02/20/26 05:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 05:32	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132112	02/17/26 12:58	SA	EET MID
Soluble	Analysis	300.0		1			132125	02/17/26 18:11	CS	EET MID

Client Sample ID: BH 02A

Lab Sample ID: 890-9515-2
Date Collected: 02/13/26 12:16
Matrix: Solid
Date Received: 02/13/26 15:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	132457	02/20/26 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132434	02/20/26 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132599	02/20/26 16:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			132524	02/20/26 05:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 05:47	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	132112	02/17/26 12:58	SA	EET MID
Soluble	Analysis	300.0		1			132125	02/17/26 18:17	CS	EET MID

Client Sample ID: BH 03

Lab Sample ID: 890-9515-3
Date Collected: 02/13/26 11:58
Matrix: Solid
Date Received: 02/13/26 15:47

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	132457	02/20/26 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132434	02/20/26 16:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132599	02/20/26 16:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			132524	02/20/26 06:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 06:02	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132112	02/17/26 12:58	SA	EET MID
Soluble	Analysis	300.0		1			132125	02/17/26 18:22	CS	EET MID

Client Sample ID: BH 03A

Lab Sample ID: 890-9515-4
Date Collected: 02/13/26 12:33
Matrix: Solid
Date Received: 02/13/26 15:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	132457	02/20/26 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132434	02/20/26 16:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132599	02/20/26 16:56	SA	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Client Sample ID: BH 03A
Lab Sample ID: 890-9515-4
Date Collected: 02/13/26 12:33
Matrix: Solid
Date Received: 02/13/26 15:47

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			132524	02/20/26 06:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 06:17	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132112	02/17/26 12:58	SA	EET MID
Soluble	Analysis	300.0		1			132125	02/17/26 18:27	CS	EET MID

Client Sample ID: BH 04
Lab Sample ID: 890-9515-5
Date Collected: 02/13/26 12:48
Matrix: Solid
Date Received: 02/13/26 15:47

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	132457	02/20/26 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132434	02/20/26 17:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132599	02/20/26 17:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			132524	02/20/26 06:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 06:32	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132112	02/17/26 12:58	SA	EET MID
Soluble	Analysis	300.0		1			132125	02/17/26 18:32	CS	EET MID

Client Sample ID: BH 04A
Lab Sample ID: 890-9515-6
Date Collected: 02/13/26 13:03
Matrix: Solid
Date Received: 02/13/26 15:47

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	132457	02/20/26 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132434	02/20/26 17:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132599	02/20/26 17:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			132524	02/20/26 06:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 06:48	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132112	02/17/26 12:58	SA	EET MID
Soluble	Analysis	300.0		1			132125	02/17/26 18:38	CS	EET MID

Client Sample ID: SS 01
Lab Sample ID: 890-9515-7
Date Collected: 02/13/26 12:51
Matrix: Solid
Date Received: 02/13/26 15:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	132457	02/20/26 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132434	02/20/26 17:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132599	02/20/26 17:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			132524	02/20/26 07:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131854	02/15/26 19:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/20/26 07:03	SA	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Client Sample ID: SS 01

Date Collected: 02/13/26 12:51
Date Received: 02/13/26 15:47

Lab Sample ID: 890-9515-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	132112	02/17/26 12:58	SA	EET MID
Soluble	Analysis	300.0		1			132125	02/17/26 18:43	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: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

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: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

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: CORRAL CANYON 8 SAT

Job ID: 890-9515-1
SDG: 03C1558804

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9515-1	BH 02	Solid	02/13/26 11:54	02/13/26 15:47	SURFACE
890-9515-2	BH 02A	Solid	02/13/26 12:16	02/13/26 15:47	0.5
890-9515-3	BH 03	Solid	02/13/26 11:58	02/13/26 15:47	SURFACE
890-9515-4	BH 03A	Solid	02/13/26 12:33	02/13/26 15:47	0.5
890-9515-5	BH 04	Solid	02/13/26 12:48	02/13/26 15:47	SURFACE
890-9515-6	BH 04A	Solid	02/13/26 13:03	02/13/26 15:47	0.5
890-9515-7	SS 01	Solid	02/13/26 12:51	02/13/26 15:47	SURFACE

Released to Imaging: 7/6/2026 2:40:06 PM

Received by OCD: 6/29/2026 1:57:05 PM

eurofins | Environment Testing Xenco

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

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	Tracy Hillard	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) 937-3906	Email:	THillard@ensolum.com, TMorrissey@ensolum.com

Work Order Comments

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

Project Name:	Corral Canyon 8 Sat	Turn Around	☑ Routine ☐ Rush
Project Number:	03C1558804	Due Date:	
Project Location:	32.1421, -104.0072	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Trevor Wargo		
PO #:			

SAMPLE RECEIPT

Temp Blank:	Yes ~~No~~	Wet Ice:	~~Yes~~ No
Samples Received Intact:	~~Yes~~ No	Thermometer ID:	Thermo
Cooler Custody Seals:	Yes No ~~N/A~~	Correction Factor:	-0.2
Sample Custody Seals:	Yes No ~~N/A~~	Temperature Reading:	3.4
Total Containers:		Corrected Temperature:	3.2

ANALYSIS REQUEST

890-9515 Chain of Custody

Preservative Codes

DI Water: H_2O
MeOH: Me
HNO_3: HN
NaOH: Na
NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH 8015	BTEX 8021	Chloride 300	Sample Comments
BH02	Soil	2/13/26	11:54	Surface	G	1				
BH02A			12:16	0.5						
BH03			11:58	Surface						
BH03A			12:33	0.5						
BH04			12:48	Surface						
BH04A			13:03	0.5						
SS01			12:51	Surface						

TBW

Circle Method(s) and Metal(s) to be analyzed
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
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

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Trevor Wargo	[signature]	2/13 15:47	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Incident #: nAPP2600251804
CC: 2125321001
GFCM: 48605000

cc: twargo@ensolum.com, CWright@ensolum.com, KThomason@ensolum.com

Released to Imaging: 7/6/2026 2:40:06 PM

Received by OCD: 6/29/2026 1:57:05 PM

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: 890-6524 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 #: 890-9515-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 2/19/2026			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: CORRAL CANYON 8 SAT	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:										
BH 02 (890-9515-1)	2/13/26	11 54 Mountain	G	Solid			X	X	X	X	X	1	
BH 02A (890-9515-2)	2/13/26	12 16 Mountain	G	Solid			X	X	X	X	X	1	
BH 03 (890-9515-3)	2/13/26	11 58 Mountain	G	Solid			X	X	X	X	X	1	
BH 03A (890-9515-4)	2/13/26	12.33 Mountain	G	Solid			X	X	X	X	X	1	
BH 04 (890-9515-5)	2/13/26	12.48 Mountain	G	Solid			X	X	X	X	X	1	
BH 04A (890-9515-6)	2/13/26	13 03 Mountain	G	Solid			X	X	X	X	X	1	
SS 01 (890-9515-7)	2/13/26	12 51 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: 2/13 1630	Company	Received by:	Date/Time: 2-16-26 1100	Company
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: 890-9515-1
SDG Number: 03C1558804

Login Number: 9515
List Number: 1
Creator: Bruns, Shannon

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: 890-9515-1
SDG Number: 03C1558804

Login Number: 9515
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 02/16/26 11:00 AM

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	

CARDINAL Laboratories

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

March 16, 2026

CHRIS WRIGHT

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: CORRAL CANYON 8 SATELLITE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/10/26 13:40.

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

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:	03/10/2026	Sampling Date:	03/09/2026
Reported:	03/16/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.1142964-104.006139		

Sample ID: BH 03B 2 (H261349-01)

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	03/11/2026	ND	2.13	107	2.00	0.575	
Toluene*	<0.050	0.050	03/11/2026	ND	2.09	105	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/11/2026	ND	1.97	98.5	2.00	5.40	
Total Xylenes*	<0.150	0.150	03/11/2026	ND	5.97	99.6	6.00	5.38	
Total BTEX	<0.300	0.300	03/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	**48.0**	16.0	03/11/2026	ND	432	108	400	3.64	

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	03/11/2026	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	03/11/2026	ND	216	108	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/11/2026	ND					

Surrogate: 1-Chlorooctane *89.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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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:	03/10/2026	Sampling Date:	03/09/2026
Reported:	03/16/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.1142964-104.006139		

Sample ID: BH 03C 3 (H261349-02)

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	03/11/2026	ND	2.13	107	2.00	0.575	
Toluene*	<0.050	0.050	03/11/2026	ND	2.09	105	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/11/2026	ND	1.97	98.5	2.00	5.40	
Total Xylenes*	<0.150	0.150	03/11/2026	ND	5.97	99.6	6.00	5.38	
Total BTEX	<0.300	0.300	03/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**32.0**	16.0	03/11/2026	ND	432	108	400	3.64	

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	03/11/2026	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	03/11/2026	ND	216	108	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/11/2026	ND					

Surrogate: 1-Chlorooctane *86.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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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

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name:	Ensolum, LLC	**BILL TO**	
Project Manager:	Chris Wright	P.O. #:	
Address:	3122 National Parks Hwy	Company:	XTO Energy
City:	Carlsbad	State: NM Zip 88220	Attn: Dale Woodall
Phone #:	970-210-9803	Fax #:	Address: 3104 E Green St
Project #:	03C1558804	Project Owner: XTO Energy	City: Carlsbad
Project Name:	Corral Canyon 8 Satellite Battery		State: NM Zip: 88220
Project Location:	32.142964, -104.006139		Phone #:
Sampler Name:	Jacob Harrison		Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME	TPH (8015M/D)	Chloride (4500)	BTEX (8021B)
H261349 1	BH03B	2	G	1			X					X		3/9/2026	12:44	X	X	X
2	BH03C	3	G	1			X					X		3/9/2026	13:04	X	X	X

SWH

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CIS 04034014

Relinquished By:	Date: 3-10-26 Time: 1340	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxonmobil.com / cwright@ensolum.com / jharrison@ensolum.com
			REMARKS: CC: 2125321001 / GFCM: 48605000 / nAPP2600251804
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.3 Corrected Temp. °C 0.4	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials)
			Turnaround Time: Standard ☑ Rush ☐
			Thermometer ID #140 Correction Factor ~~+0.3°C~~ +0.1c
			Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.6 02/12/25

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

Received by OCD: 6/29/2026 1:57:05 PM

Released to Imaging: 7/6/2026 2:40:06 PM

CARDINAL Laboratories

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

March 16, 2026

CHRIS WRIGHT

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: CORRAL CANYON 8 SATELLITE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/10/26 13:40.

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

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:	03/10/2026	Sampling Date:	03/09/2026
Reported:	03/16/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.142964-104.006139		

Sample ID: BH 01C 3 (H261350-01)

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	03/11/2026	ND	2.13	107	2.00	0.575	
Toluene*	<0.050	0.050	03/11/2026	ND	2.09	105	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/11/2026	ND	1.97	98.5	2.00	5.40	
Total Xylenes*	<0.150	0.150	03/11/2026	ND	5.97	99.6	6.00	5.38	
Total BTEX	<0.300	0.300	03/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *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	**32.0**	16.0	03/11/2026	ND	432	108	400	3.64	

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	03/11/2026	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	03/11/2026	ND	216	108	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/11/2026	ND					

Surrogate: 1-Chlorooctane *82.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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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

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 OF 1

Company Name:	Ensolum, LLC
Project Manager:	Chris Wright
Address:	3122 National Parks Hwy
City:	Carlsbad
State:	NM
Zip:	88220
Phone #:	970-210-9803
Fax #:	
Project #:	03C1558804
Project Owner:	XTO Energy
Project Name:	Corral Canyon 8 Satellite Battery
Project Location:	32.142964, -104.006139
Sampler Name:	Jacob Harrison

BILL TO

P.O. #:	
Company:	XTO Energy
Attn:	Dale Woodall
Address:	3104 E Green St
City:	Carlsbad
State:	NM
Zip:	88220
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE	TIME	TPH (8015M/D)	Chloride (4500)	BTEX (8021B)
H261350 1	BH01C	3	G	1			X					X		3/9/2026	15:01	X	X	X

JWH

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Relinquished By:	Date: 3-10-26	Received By:	
	Time: 1340		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #: CJS.04.08.01K

All Results are emailed. Please provide Email address:
thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxonmobil.com / cwright@ensolum.com / jharrison@ensolum.com

REMARKS:

CC: 2125321001 / GFCM: 48605000 / nAPP2600251804

Delivered By: (Circle One)	Observed Temp. °C 0.3	Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.4		

Turnaround Time: Standard ☑ Rush ☐

Thermometer ID #140
Correction Factor ~~+0.3°C~~ +0.1C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.6 02/12/25

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

Received by OCD: 6/29/2026 1:57:05 PM

Released to Imaging: 7/6/2026 2:40:06 PM

CARDINAL Laboratories

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

March 18, 2026

CHRIS WRIGHT

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: CORRAL CANYON 8 SATELLITE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/12/26 13:35.

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:	03/12/2026	Sampling Date:	03/10/2026
Reported:	03/18/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.142964-104.006139		

Sample ID: BH04B 3' (H261404-01)

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	03/13/2026	ND	1.97	98.7	2.00	6.03	
Toluene*	<0.050	0.050	03/13/2026	ND	2.10	105	2.00	6.77	
Ethylbenzene*	<0.050	0.050	03/13/2026	ND	2.16	108	2.00	6.49	
Total Xylenes*	<0.150	0.150	03/13/2026	ND	6.44	107	6.00	7.00	
Total BTEX	<0.300	0.300	03/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *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	**32.0**	16.0	03/13/2026	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	03/13/2026	ND	207	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	03/13/2026	ND	195	97.4	200	23.3	
EXT DRO >C28-C36	<10.0	10.0	03/13/2026	ND					

Surrogate: 1-Chlorooctane *96.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.9 %* *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:	03/12/2026	Sampling Date:	03/10/2026
Reported:	03/18/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.142964-104.006139		

Sample ID: BH05 0.5' (H261404-02)

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	03/13/2026	ND	1.97	98.7	2.00	6.03	
Toluene*	<0.050	0.050	03/13/2026	ND	2.10	105	2.00	6.77	
Ethylbenzene*	<0.050	0.050	03/13/2026	ND	2.16	108	2.00	6.49	
Total Xylenes*	<0.150	0.150	03/13/2026	ND	6.44	107	6.00	7.00	
Total BTEX	<0.300	0.300	03/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *126 %* *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	**96.0**	16.0	03/13/2026	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	03/13/2026	ND	207	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	03/13/2026	ND	195	97.4	200	23.3	
EXT DRO >C28-C36	<10.0	10.0	03/13/2026	ND					

Surrogate: 1-Chlorooctane *102 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.1 %* *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:	03/12/2026	Sampling Date:	03/10/2026
Reported:	03/18/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.142964-104.006139		

Sample ID: BH05A 2' (H261404-03)

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	03/13/2026	ND	1.97	98.7	2.00	6.03	
Toluene*	<0.050	0.050	03/13/2026	ND	2.10	105	2.00	6.77	
Ethylbenzene*	<0.050	0.050	03/13/2026	ND	2.16	108	2.00	6.49	
Total Xylenes*	<0.150	0.150	03/13/2026	ND	6.44	107	6.00	7.00	
Total BTEX	<0.300	0.300	03/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *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	**288**	16.0	03/13/2026	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	03/13/2026	ND	207	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	03/13/2026	ND	195	97.4	200	23.3	
EXT DRO >C28-C36	<10.0	10.0	03/13/2026	ND					

Surrogate: 1-Chlorooctane *96.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.3 %* *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:	03/12/2026	Sampling Date:	03/10/2026
Reported:	03/18/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.142964-104.006139		

Sample ID: BH05B 3' (H261404-04)

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	03/13/2026	ND	1.97	98.7	2.00	6.03	
Toluene*	<0.050	0.050	03/13/2026	ND	2.10	105	2.00	6.77	
Ethylbenzene*	<0.050	0.050	03/13/2026	ND	2.16	108	2.00	6.49	
Total Xylenes*	<0.150	0.150	03/13/2026	ND	6.44	107	6.00	7.00	
Total BTEX	<0.300	0.300	03/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *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	**208**	16.0	03/13/2026	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	03/13/2026	ND	201	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/13/2026	ND	182	91.1	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	03/13/2026	ND					

Surrogate: 1-Chlorooctane *88.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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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:	03/12/2026	Sampling Date:	03/10/2026
Reported:	03/18/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.142964-104.006139		

Sample ID: BH02B 3' (H261404-05)

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	03/13/2026	ND	1.97	98.7	2.00	6.03	
Toluene*	<0.050	0.050	03/13/2026	ND	2.10	105	2.00	6.77	
Ethylbenzene*	<0.050	0.050	03/13/2026	ND	2.16	108	2.00	6.49	
Total Xylenes*	<0.150	0.150	03/13/2026	ND	6.44	107	6.00	7.00	
Total BTEX	<0.300	0.300	03/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *128 %* *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	**768**	16.0	03/13/2026	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	03/13/2026	ND	201	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/13/2026	ND	182	91.1	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	03/13/2026	ND					

Surrogate: 1-Chlorooctane *85.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	03/12/2026	Sampling Date:	03/10/2026
Reported:	03/18/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.142964-104.006139		

Sample ID: BH02C 4' (H261404-06)

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	03/13/2026	ND	1.97	98.7	2.00	6.03	
Toluene*	<0.050	0.050	03/13/2026	ND	2.10	105	2.00	6.77	
Ethylbenzene*	<0.050	0.050	03/13/2026	ND	2.16	108	2.00	6.49	
Total Xylenes*	<0.150	0.150	03/13/2026	ND	6.44	107	6.00	7.00	
Total BTEX	<0.300	0.300	03/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *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	**784**	16.0	03/13/2026	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	03/13/2026	ND	201	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/13/2026	ND	182	91.1	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	03/13/2026	ND					

Surrogate: 1-Chlorooctane *87.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.2 %* *39.9-141*

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Analytical Results For:

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

Received:	03/12/2026	Sampling Date:	03/10/2026
Reported:	03/18/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 8 SATELLITE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558804	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.142964-104.006139		

Sample ID: SS02 SURFACE (H261404-07)

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	03/13/2026	ND	1.97	98.7	2.00	6.03	
Toluene*	<0.050	0.050	03/13/2026	ND	2.10	105	2.00	6.77	
Ethylbenzene*	<0.050	0.050	03/13/2026	ND	2.16	108	2.00	6.49	
Total Xylenes*	<0.150	0.150	03/13/2026	ND	6.44	107	6.00	7.00	
Total BTEX	<0.300	0.300	03/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *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	**128**	16.0	03/13/2026	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	03/13/2026	ND	201	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/13/2026	ND	182	91.1	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	03/13/2026	ND					

Surrogate: 1-Chlorooctane *84.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.8 %* *39.9-141*

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Chris Wright	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy, Inc
City: Carlsbad State: NM Zip: 88220	Attn: Dale Woodall
Phone #: 575-706-6266 Fax #: CFW	Address: 3104 E Greene St
Project #: 03C1558804 Project Owner: XTO Energy, Inc	City: Carlsbad
Project Name: Corral Canyon 8 Satellite Battery	State: NM Zip: 88220
Project Location: 32.142964, -104.006139	Phone #:
Sampler Name: Chris Wright	Fax #: CFW

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME	BTEX	TPH	CHLORIDE
H261404																		
1	BH04B	3	G	1			X					X		3/10/2026	1008	X	X	X
2	BH05	0.5	G	1			X					X		3/10/2026	1037	X	X	X
3	BH05A	2	G	1			X					X		3/10/2026	1103	X	X	X
4	BH05B	3	G	1			X					X		3/10/2026	1127	X	X	X
5	BH02B	3	G	1			X					X		3/10/2026	1338	X	X	X
6	BH02C	4	G	1			X					X		3/10/2026	1422	X	X	X
7	SS02	Surface	G	1			X					X		3/10/2026	1414	X	X	X

CFW

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CS 04031604

Relinquished By:	Date: 3-12-26 Time: 1335	Received By: Tamara Oldaker	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cwright@ensolum.com, tmorrissey@ensolum.com, kthomason@ensolum.com, richard.kotzur@exxonmobil.com
			REMARKS: Incident ID: nAPP2600251804 Cost Center: 2125321001 GFCM: 48605000 - Spills
Delivered By: (Circle One)	Observed Temp. °C 1.1	Sample Condition Cool ☑ Yes Intact ☑ Yes	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.2	☐ No ☐ No	Turnaround Time: Standard ☒ Rush ☐
			Thermometer ID #140 Correction Factor ~~0.0°C~~ +0.1c
			Bacteria (only) Sample Condition Cool ☐ Yes Intact ☐ Yes ☐ No ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.0 02/12/23

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

Received by OCD: 6/29/2026 1:57:05 PM

Released to Imaging: 7/6/2026 2:40:06 PM

ENSOLUM

APPENDIX G

Spill Volume Calculations

Location:	**Corral Canyon 8 Sat**	
Spill Date:	**12/31/2025**	
Incident #:	**nAPP2600251804**	
Area 1		
Approximate Area =	540	sq. ft.
Average Saturation (or depth) of spill =	1	inches
Average Porosity Factor =	1	
VOLUME OF LEAK		
Total Crude Oil =	8	bbls
Total Produced Water =	0	bbls
VOLUME OF LEAK		
Total Crude Oil =	0	bbls
Total Produced Water =	0	bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	**8**	**bbls**
Total Produced Water =	**0**	**bbls**
TOTAL VOLUME RECOVERED		
Total Crude Oil =	**8**	**bbls**
Total Produced Water =	**0**	**bbls**

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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 600284

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 600284
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2600251804**
Incident Name	**NAPP2600251804 CORRAL CANYON 8 SAT @ FAPP2207552359**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Received**
Incident Facility	**[fAPP2207552359] CORRAL CANYON 8 SAT**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	CORRAL CANYON 8 SAT
Date Release Discovered	12/31/2025
Surface Owner	Federal

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Crude Oil | Released: 8 BBL | Recovered: 8 BBL | Lost: 0 BBL.
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	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	LACT unit

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 600284
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
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: 06/29/2026

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 600284
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (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)	784
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	6480
GRO+DRO (EPA SW-846 Method 8015M)	6405
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	01/29/2026
On what date will (or did) the final sampling or liner inspection occur	03/10/2026
On what date will (or was) the remediation complete(d)	03/10/2026
What is the estimated surface area (in square feet) that will be reclaimed	700
What is the estimated volume (in cubic yards) that will be reclaimed	60
What is the estimated surface area (in square feet) that will be remediated	700
What is the estimated volume (in cubic yards) that will be remediated	60
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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QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 600284
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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.)	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	No impacted soil has been removed
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: 06/29/2026
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.	

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 600284
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 600284
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**582893**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**05/11/2026**
What was the (estimated) number of samples that were to be gathered	**20**
What was the sampling surface area in square feet	**500**

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	No

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

CONDITIONS

Action 600284

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 600284
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved. Submit a complete and accurate report to the OCD by 10/5/2026.	7/6/2026