



May 1, 2026

New Mexico Oil Conservation Division

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

**Re: Remediation Work Plan
Corral Canyon 21 CVB
Incident Number nAPP2603745853
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 site assessment, delineation, liner inspection, and soil sampling activities following a release of crude oil at the Corral Canyon 21 CVB (Site). The purpose of the site assessment and delineation activities were to assess for the presence or absence of impacts to soil following the release of crude oil at the Site. The following *Work Plan* proposes to excavate impacted soil identified following the completion of soil sampling activities.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit P, Section 16, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.125264°, -103.982339°) and is associated with oil and gas exploration and production operations on State Trust Land managed by the New Mexico State Land Office (NMSLO) under Lease ID BL31740000 .

On February, 2, 2026, equipment failure on a transfer pump housed in a steel-walled lined containment measuring 665 square feet, resulted in the release of approximately 50 barrels (bbls) of crude oil into a lined containment and onto the pad surface. A vacuum truck was dispatched to the Site to recover free-standing fluids; 49 bbls of fluid were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) and submitted an Initial C-141 Application (C-141) on February 6, 2026. The release was assigned Incident Number nAPP2603745853.

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 well with relevant depth to

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groundwater data is a United States Geological Survey (USGS) well (USGS 320739103584201), located approximately 1,351 feet northeast of the Site at GPS coordinates 32.127623°, -103.978851°. The well was completed and constructed in 1983 to a total depth of 192 feet bgs. USGS records indicate the most recent groundwater at a depth of 140.9 feet bgs from January 29, 1998. On October 9, 2024, Ensolum field personnel gauged the USGS 320739103584201 and the depth to groundwater at that time measured at 141.98 feet bgs. At the time of the measurement, the location of the USGS well 320739103584201 was also updated to GPS coordinates 32.128568°, -103.978714° and is provided on Figure 1.

On March 30, 2026, Ensolum conducted a field survey to identify if the nearby USGS wells were active. Survey results indicated USGS well 320719103584601 located south of the Site was actually closer than what was presented in the desktop evaluation and was found to be approximately 948 feet south from the Site. The well was mapped utilizing a GPS unit at GPS coordinates 32.122863°, -103.981045°. Most recent USGS groundwater data is from 1977 and indicated a depth to water measurement of 165.05 feet bgs, however, the well appears to be abandoned based on photographs that were taken from the survey. There were no water lines or pump connected to the well and the nearby freshwater tanks appear to be old and deteriorated. Since the well appears to be abandoned and inactive, XTO requests a variance to disregard the USGS well 320719103584601 status as a Site receptor (within 1,000 feet from edge of the release) due to the well currently not being used for agricultural purposes, the well being upgradient of the Site as indicated on Figure 1, and total release volume being 1 bbl of fluid entirely on the facility pad and fully defined based on delineation soil sample analytical results. XTO believes the reasons provided demonstrate that the variance will provide equal or better protection of groundwater, public health, and the environment. All wells used for depth to groundwater determination are presented on Figure 1. USGS well records and an Ensolum Water Level Form is included in Appendix A. Photos collected during the survey of USGS well 320719103584601 are included in Appendix B.

Karst potential is currently being investigated by Southwest Geophysical Consulting (Southwest Geophysical). On April 15, 2026, electrical resistivity and aerial surveys were conducted at the Site, with preliminary findings indicated no void anomalies were identified in the subsurface and that stable ground was present in the subsurface at the Site. The full Karst Survey Report has yet to be received and will be included with the Closure or Deferral report.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash located approximately 942 feet north 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.

Based on the results of the Site Characterization and until the full Karst Survey Report is received and variance is granted regarding distance of USGS well 320719103584601 to the Site, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg



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NMSLO CULTURAL RESOURCES AND BIOLOGICAL REVIEW

Cultural Properties Protection

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

Biological Review

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

- A review of the U.S. Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are no critical wildlife habitats at the Site but potential habitats of the Piping Plover, Northern Aplomado Falcon and Texas Hornshell Clam might exist. A review of the BLM NM Plant Wildlife Habitat maps indicated potential habitats for Scheer's beehave cactus and Tharp's blue star near the Site. Threatened and endangered plant species are potentially present in the area surrounding the Site; however, no native vegetation outside of the well pad extent was or will be disturbed during remediation activities.
- The Site is not located within an area of possible range of the Lesser Prairie Chicken habitat based on a review of NMSLO CCAA map.
- No environmentally sensitive receptors were located near the Site, as determined by the Site Characterization. Following a desktop review, medium karst was potentially present at the Site, however, based on preliminary data from Southwest Geophysical, stable ground appears to be present in the subsurface at the Site. The full Karst Survey Report has yet to be received but will be included with the Closure or Deferral report.
- The Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soil type at the Site as Simona sandy loam, 0 to 3 percent slopes. The Simona sandy loam is not considered a sensitive soil per the NMSLO guidelines.

SITE ASSESSMENT, LINER INSPECTION, AND DELINEATION ACTIVITIES

On February 2, 2026, Ensolum personnel visited the Site to conduct a site assessment and evaluate the release extent based on information provided on the C-141 and visual observations. Based on initial staining and volume of fluids observed, additional remediation activities were warranted. The release extent and steel-walled containment were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation of the site assessment is included in Appendix B.

On April 13, 2026, Ensolum personnel conducted a liner integrity inspection immediately following power washing activities within the lined containment. Personnel inspected the floors and walls of the lined containment and no breaches or tears observed and it was determined that the liner was operating as designed.

On February 13 and April 14, 2026, Ensolum personnel conducted delineation and soil sampling activities. Four delineation soil samples (SS01 through SS04) were collected within the release extent area and seven delineation soil samples (SS05 through SS11) were collected outside the lined containment wall and the release extent area. Soil samples SS01 through SS11 were collected at the



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ground surface. Four delineation boreholes (BH01 through BH04) were advanced in the vicinity of SS01 through SS04, respectively, to a terminal depth of 4 feet bgs. The boreholes were advanced via direct push geoprobe and soil samples were field screened at 1-foot intervals until the terminal depth was achieved. All delineation soil samples were collected discretely and were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The delineation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 2. Photographic documentation of all onsite activities is included in Appendix B. Lithologic soil sampling logs of the four boreholes are included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method 4500.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS05 through SS11 and the terminal depth of all borehole advanced indicated that all COC concentrations were compliant with the strictest Table I Closure Criteria, confirming full definition of the release is achieved. Laboratory analytical results for delineation soil samples SS01 through SS04 and BH01 through BH03 indicated BTEX and TPH concentrations exceeded the Site Closure Criteria, with SS02, SS04, and BH02 also having benzene exceeding Site Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Appendix D.

PROPOSED REMEDIATION WORK PLAN

Based on delineation soil sample results, benzene, BTEX, and TPH impacts exist on the Site pad across an approximate 906 square-foot area and extends to depths between 2-feet and 3-feet bgs. As such, XTO proposes completing the following remediation activities:

- Excavation of impacted soil identified in delineation soil samples SS01/BH01 through SS04/BH04 to an estimated depth of 2-feet bgs to 3-feet bgs. The excavation will proceed vertically and laterally until confirmation soil samples confirm all COC concentrations are compliant with the Closure Criteria.
- 5-point confirmation soil samples will be collected at a sampling frequency representing no more than 200 square feet from the floor and sidewalls of the excavation. The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil samples will be field screened as described above and submitted to a New Mexico approved laboratory for analysis of the same COCs described above.
- An estimated 100 cubic yards of impacted soil will be excavated and disposed of at a New Mexico approved disposal facility.
- Assuming the variance is granted regarding the distance of the abandoned USGS well to the edge of the release and the final karst survey report indicates stable ground in the subsurface at the Site, XTO proposes to apply the least stringent Table I Closure Criteria standards of 10 mg/kg for Benzene, 50 mg/kg BTEX, 1,000 mg/kg for TPH-DRO+TPH-GRO, 2,500 mg/kg for TPH, and 20,000 mg/kg for Chloride, while completing the excavation.

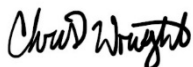
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- The excavation will be backfilled with locally procured material and recontoured to match pre-existing conditions.

XTO will complete the excavation activities within 90 days of the date of approval of this *Work Plan*. XTO believes the remedial activities provided above is protective of human health, the environment, and groundwater. As such, XTO respectfully requests approval of this *Work Plan* for Incident Number nAPP2603745853.

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

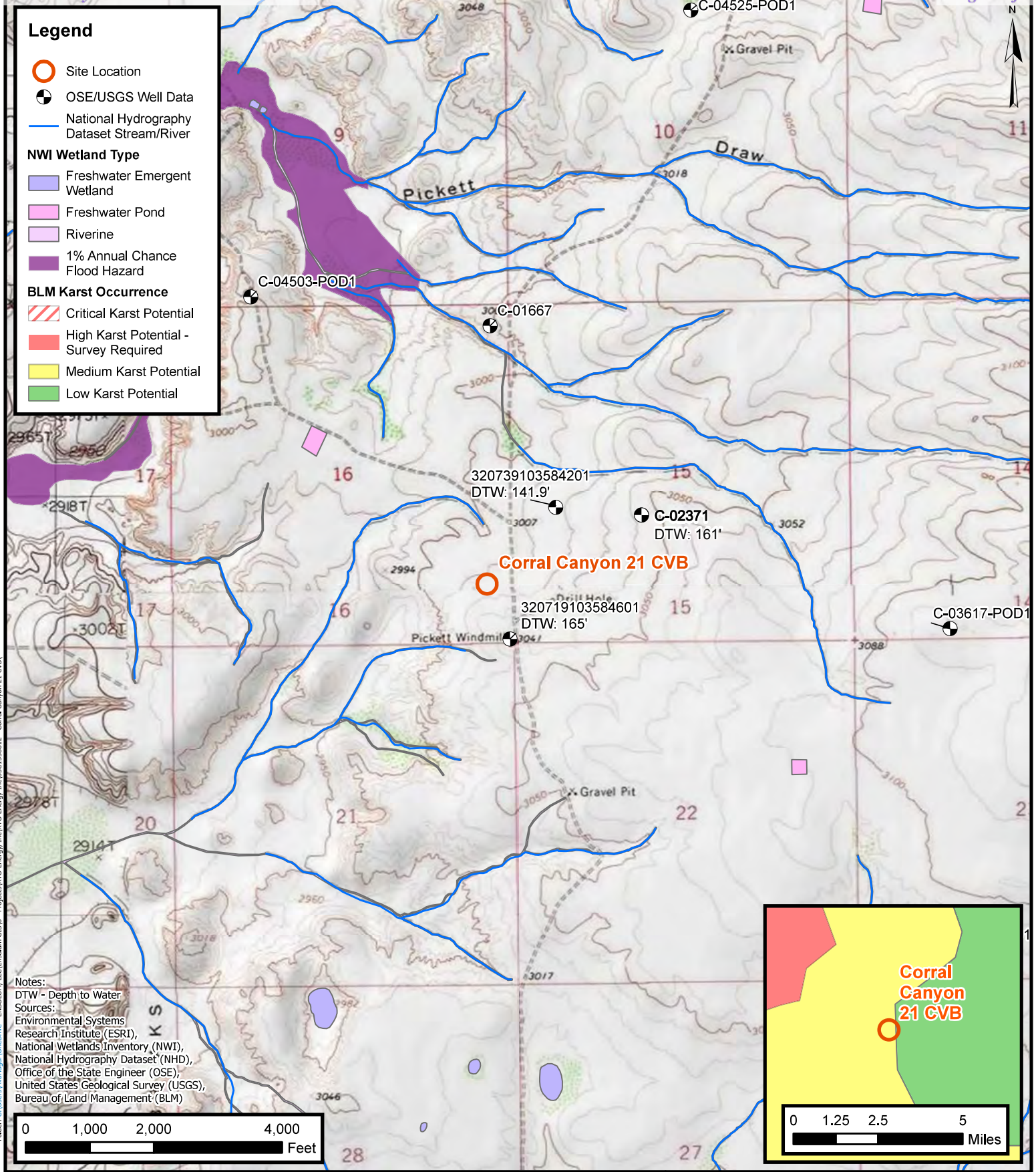
Cc: Dale Woodall, XTO
Richard Kotzur, XTO
NMSLO

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Table 1	Laboratory Analytical Data
Appendix A	Groundwater Well Data
Appendix B	Photographic Log
Appendix C	Lithologic Soil Sampling Logs
Appendix D	Laboratory Analytical Reports
Appendix E	Spill Volume Calculations



FIGURES



Folder: C:\Users\Aveer\Hsp\OneDrive - ENSOLUM, LLC\Projects\XTO Energy, Inc\03C1558812 - Corral Canyon 21 CVB

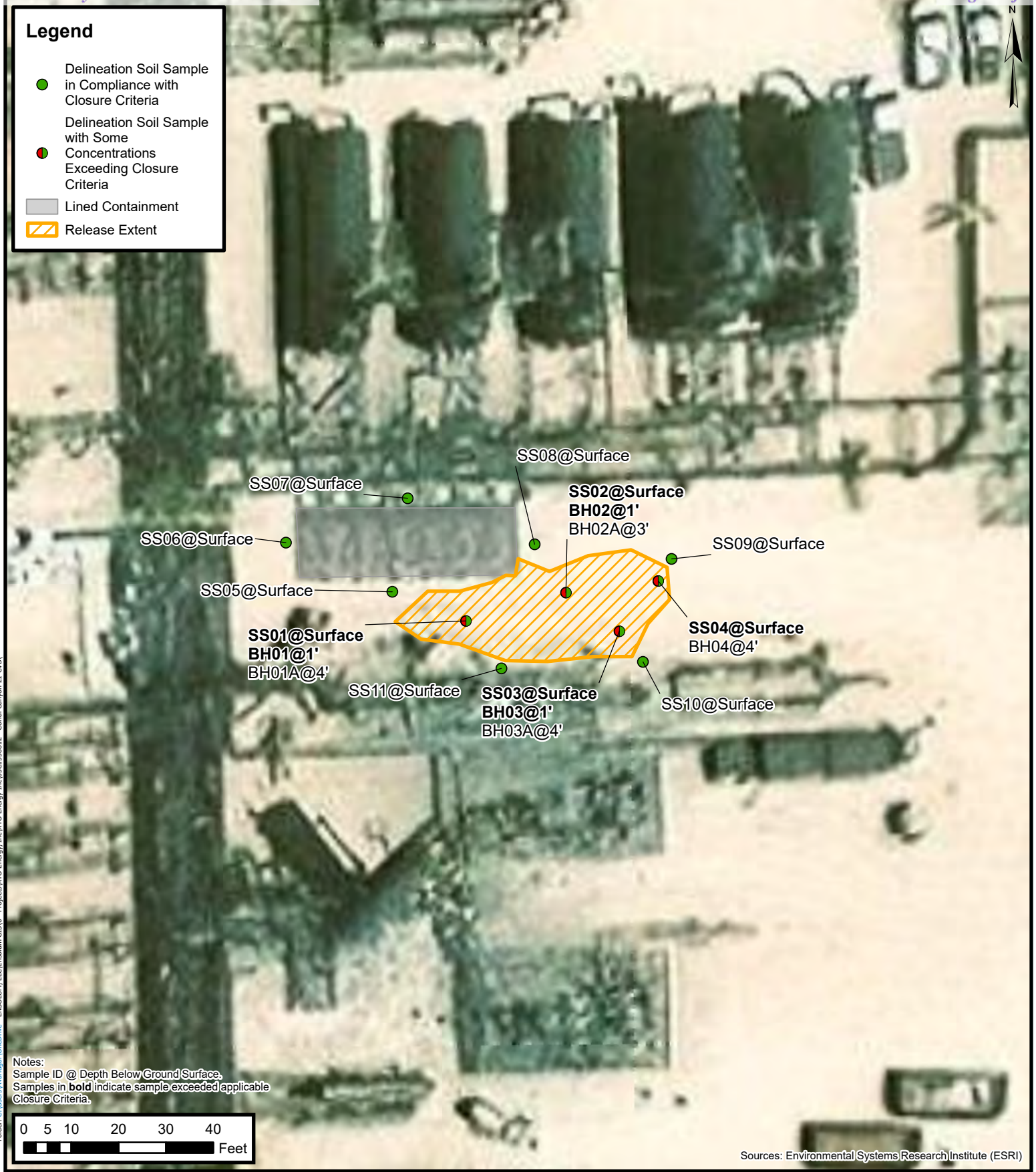


Site Receptor Map
 XTO Energy Inc
 Corral Canyon 21 CVB
 Incident Number: nAPP2603745853
 Unit P, Section 16, T 25S, R 29E
 Eddy County, New Mexico

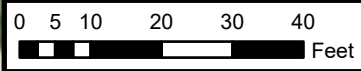
FIGURE
1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Some Concentrations Exceeding Closure Criteria
- Lined Containment
- Release Extent



Notes:
 Sample ID @ Depth Below Ground/Surface.
 Samples in **bold** indicate sample exceeded applicable Closure Criteria.



Sources: Environmental Systems Research Institute (ESRI)

Delineation Soil Sample Locations

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 Corral Canyon 21 CVB
 Incident Number: nAPP2603745853
 Unit P, Section 16, T 25S, R 29E
 Eddy County, New Mexico

FIGURE

2





TABLES



**TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Corral Canyon 21 CVB
XTO Energy, Inc
Eddy County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
SS01	02/13/2026	Surface	8.22	292	5,830	17,400	1,960	23,230	25,190	16.0
BH01	02/13/2026	1	6.98	317	8,180	12,100	1,230	20,280	21,510	16.0
BH01A	02/13/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS02	02/13/2026	Surface	10.2	375	8,850	16,600	1,780	25,450	27,230	32.0
BH02	02/13/2026	1	13.4	432	8,660	13,100	1,250	21,760	23,010	32.0
BH02A	02/13/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS03	02/13/2026	Surface	7.17	299	4,210	13,900	1,500	18,110	19,610	96.0
BH03	02/13/2026	1	5.71	242	4,180	9,900	751	14,080	14,831	80.0
BH03A	02/13/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS04	02/13/2026	Surface	15.4	416	8,010	13,700	1,610	21,710	23,320	32.0
BH04	02/13/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS05	04/14/2026	Surface	<0.050	<0.300	<10.0	48.1	<10.0	48.1	48.1	80.0
SS06	04/14/2026	Surface	<0.050	<0.300	<10.0	45.2	<10.0	45.2	45.2	64.0
SS07	04/14/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS08	04/14/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS09	04/14/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SS10	04/14/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS11	04/14/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCDC: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities



APPENDIX A

Groundwater Well Data

Monitoring location

25S.29E.15.31134 - USGS-320739103584201

Questions or Comments

DID YOU KNOW You can see all water data collected at this monitoring location in the *Available data* section of the page. Learn more about [centralized water data delivery](#) in WDFN.

1 year 10 years Period of record

Scale Linear

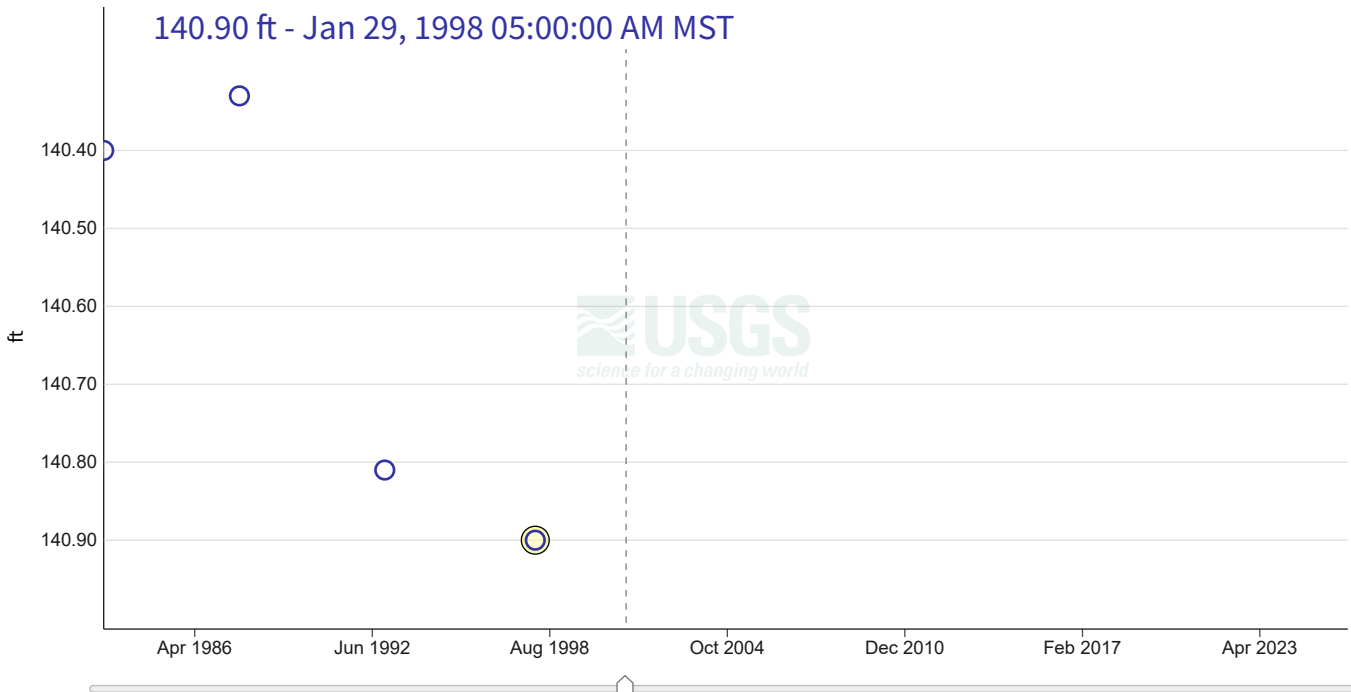
Log

Field measurements

25S.29E.15.31134 - USGS-320739103584201

February 1, 1983 - April 21, 2026

Depth to water level, feet below land surface



IMPORTANT Data may be [provisional](#)

Hide legend ^

- Field measurement
- Selected field measurement

Hide legend ^

[Hide graph details ^](#)

	Value	Status	
<input checked="" type="radio"/> Selected field measurement	140.90	Approved Static	Jan 29, 1998 05:00:00 AM MST

[Hide graph details ^](#)

Change time span

Download data

View data records

Start typing a time code to filter the Time column:

Depth to water level, feet below land surface -- field measurements

Time ↓	Result	Approval	Qualifiers
1998-01-29T05:00:00.000-07:00	140.90	Approved	Static
1992-11-06T05:00:00.000-07:00	140.81	Approved	Static
1987-10-20T06:00:00.000-06:00	140.33	Approved	Static
1983-02-01T05:00:00.000-07:00	140.40	Approved	Static

[Hide view data records ^](#)

Available data

Select data types to graph from categories based on the way the data were collected.

Learn about the data collection categories

Collapse all data collections

Continuous data

0 data types available

Daily data

0 data types available

Field measurements

3 data types available - data from 1983-02-01 to 1998-01-29

Hide these data types

Field measurements are physically measured values collected during a visit to the monitoring location.

[Learn about Field measurements](#)

	Data type	Data date range
Graphed	Depth to water level, feet below land surface	1983-02-01 1998-01-29
Graph it	Groundwater level above NAVD 1988, feet	1983-02-01 1998-01-29
Graph it	Groundwater level above NGVD 1929, feet	1983-02-01 1998-01-29

Hide these data types

Discrete sample data

0 observed properties (data types) available

Statistical tables for select daily data types

0 data types available

Location details and information

Hide location details

Metadata Element	Location Metadata	Metadata Code
Agency ⓘ	U.S. Geological Survey	USGS
Location identification number ⓘ	320739103584201	n/a
Location name ⓘ	25S.29E.15.31134	n/a
Site type ⓘ	Well ⓘ	GW

Metadata Element	Location Metadata	Metadata Code
Decimal latitude (WGS84)	32.1276238963224	n/a
Decimal longitude (WGS84)	-103.978818617262	n/a
Latitude-longitude method ⓘ	Interpolated from MAP.	M
Latitude-longitude accuracy ⓘ	Accurate to + or - 10 sec.	T
District ⓘ	New Mexico	35
State ⓘ	New Mexico	35
County ⓘ	Eddy County	015
Country	United States of America	n/a
Altitude of gage/land surface	3017 feet	n/a
Method altitude determined	Interpolated from Digital Elevation Model	N
Altitude accuracy	4.3 feet	n/a
Altitude datum ⓘ	North American Vertical Datum of 1988	NAVD88
Subbasin hydrologic unit ⓘ	Upper Pecos-Black	13060011
Drainage basin ⓘ		n/a
Date of first construction ⓘ		n/a
Drainage area ⓘ		n/a
Contributing drainage area		n/a

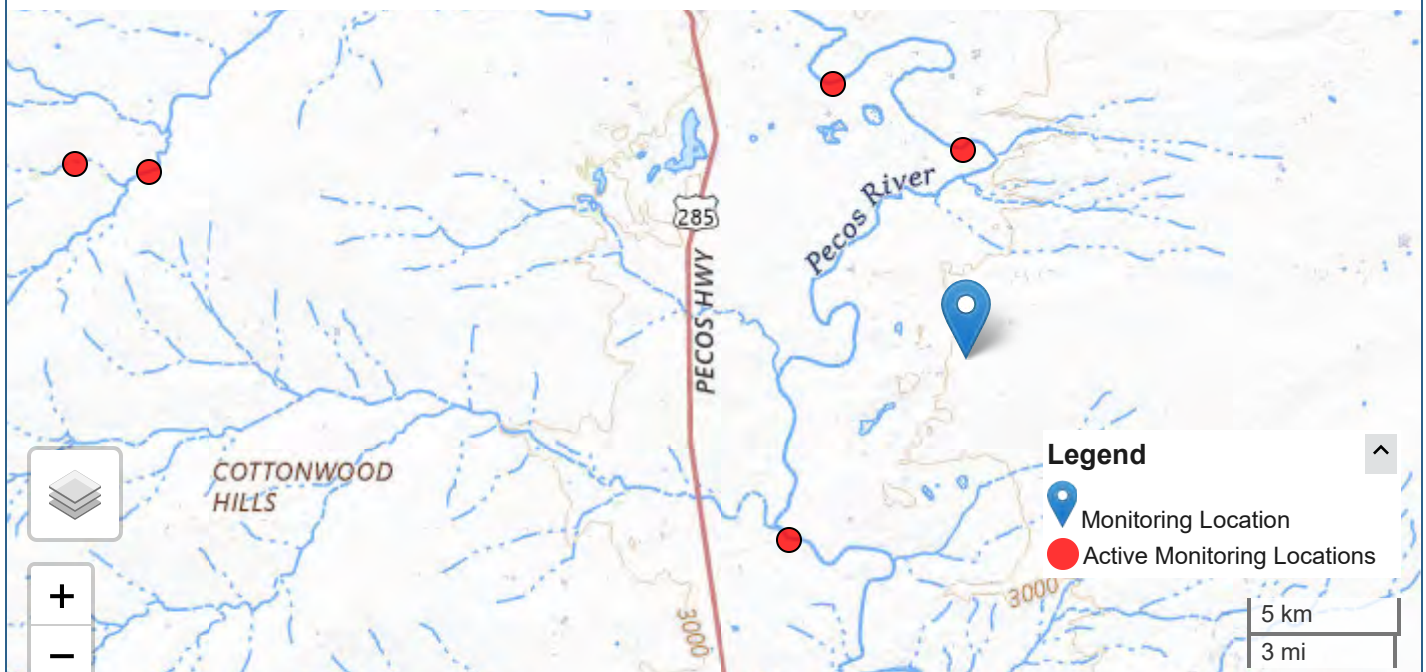
Metadata Element	Location Metadata	Metadata Code
Time zone abbreviation	MST	n/a
Site honors Daylight Saving Time ⓘ	Y	n/a
National aquifer	Other aquifers	N9999OTHER
Local aquifer	Rustler Formation	312RSLR
Local aquifer type		n/a
Well depth	192 feet	n/a
Hole depth ⓘ		n/a
Source of depth data		n/a

Monitoring locations with continuous data in last 120 days

5 locations found

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Monitoring location

25S.29E.16.44444 - USGS-320719103584601

DID YOU KNOW You can see all water data collected at this monitoring location in the *Available data* section of the page. Learn more about [centralized water data delivery](#) in WDFN.

1 year 10 years Period of record

Scale Linear

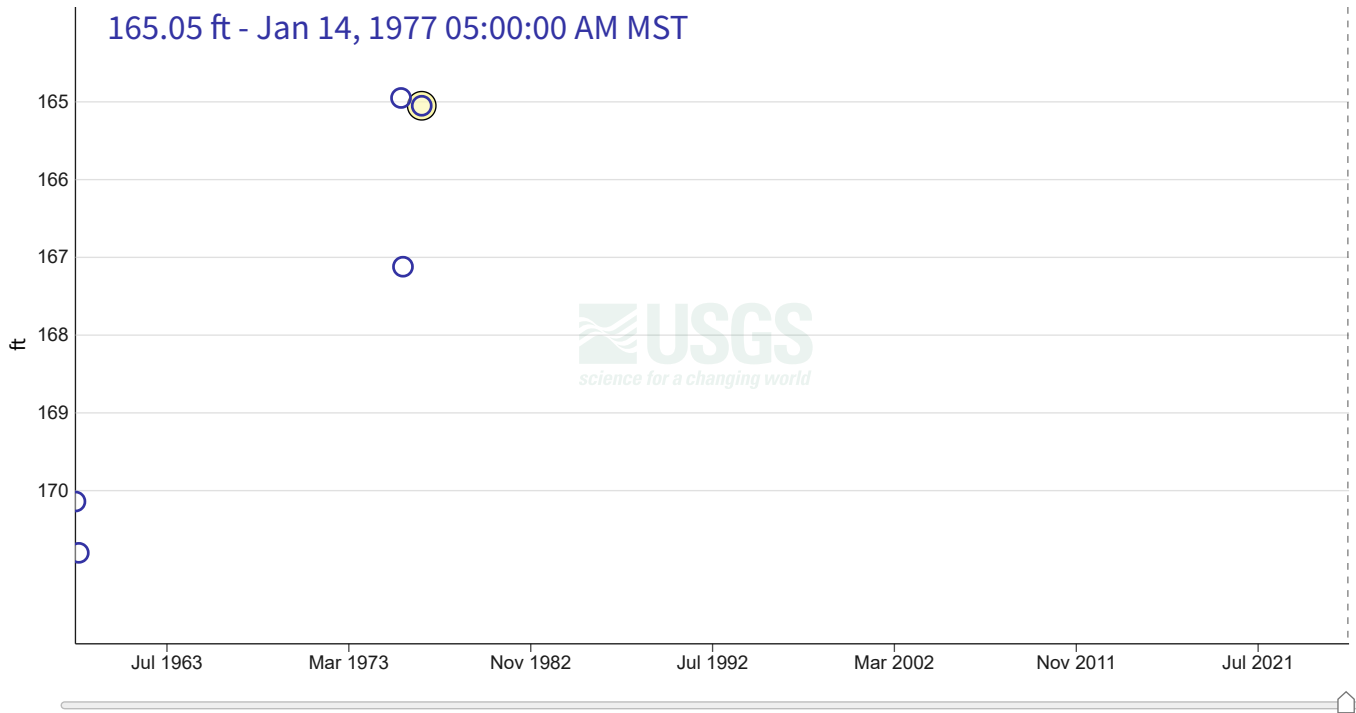
Log

Field measurements

25S.29E.16.44444 - USGS-320719103584601

August 19, 1958 - May 1, 2026

Depth to water level, feet below land surface



IMPORTANT Data may be [provisional](#)

Show legend

Hide graph details

	Value	Status	
<input checked="" type="radio"/> Selected field measurement	165.05	Approved Static	Jan 14, 1977 05:00:00 AM MST

[Hide graph details ^](#)

Change time span

Download data

View data records

Available data

Select data types to graph from categories based on the way the data were collected.

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[Expand all data collections](#)

Continuous data

0 data types available

Daily data

0 data types available

Field measurements

3 data types available - data from 1958-08-19 to 1977-01-14

[Hide these data types](#)

Field measurements are physically measured values collected during a visit to the monitoring location.

[Learn about Field measurements](#)

	Data type	Data date range
Graphed	Depth to water level, feet below land surface	1958-08-19 1977-01-14
Graph it	Groundwater level above NAVD 1988, feet	1958-08-19 1977-01-14
Graph it	Groundwater level above NGVD 1929, feet	1958-08-19 1977-01-14

[Hide these data types](#)

Discrete sample data

0 observed properties (data types) available

Statistical tables for select daily data types

0 data types available

Location details and information

Hide location details

Metadata Element	Location Metadata	Metadata Code
Agency ⓘ	U.S. Geological Survey	USGS
Location identification number ⓘ	320719103584601	n/a
Location name ⓘ	25S.29E.16.44444	n/a
Site type ⓘ	Well ⓘ	GW
Decimal latitude (WGS84)	32.1220684042167	n/a
Decimal longitude (WGS84)	-103.979929568608	n/a
Latitude-longitude method ⓘ	Questions or Comments	M
Latitude-longitude accuracy ⓘ	Accurate to + or - 10 sec.	T
District ⓘ	New Mexico	35
State ⓘ	New Mexico	35
County ⓘ	Eddy County	015
Country	United States of America	n/a
Altitude of gage/land surface	3042 feet	n/a
Method altitude determined	Interpolated from Digital Elevation Model	N

Metadata Element	Location Metadata	Metadata Code
Altitude accuracy	4.3 feet	n/a
Altitude datum ⓘ	North American Vertical Datum of 1988	NAVD88
Subbasin hydrologic unit ⓘ	Upper Pecos-Black	13060011
Drainage basin ⓘ		n/a
Date of first construction ⓘ		n/a
Drainage area ⓘ		n/a
Contributing drainage area		n/a
Time zone abbreviation	MST	n/a
Site honors Daylight Saving Time ⓘ	Y	n/a
National aquifer	Other aquifers	N9999OTHER
Local aquifer	Rustler Formation	312RSLR
Local aquifer type		n/a
Well depth	200 feet	n/a
Hole depth ⓘ		n/a
Source of depth data		n/a

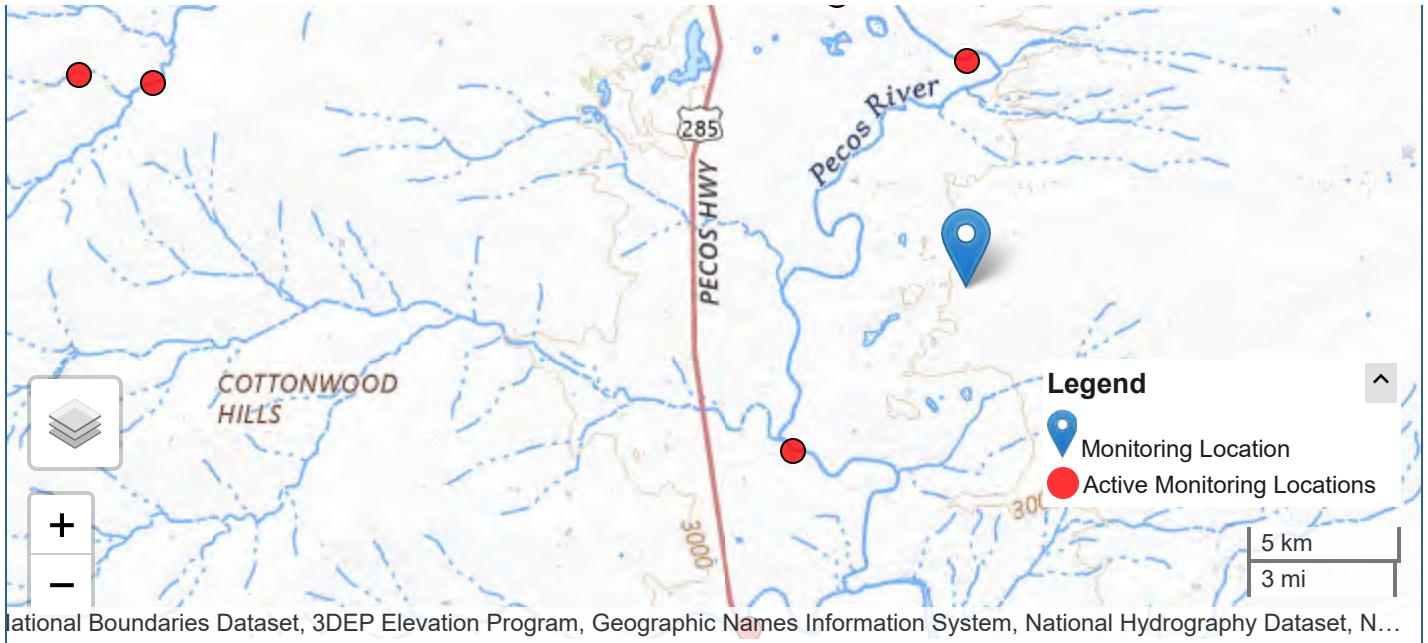
Monitoring locations with continuous data in last 120 days

6 locations found

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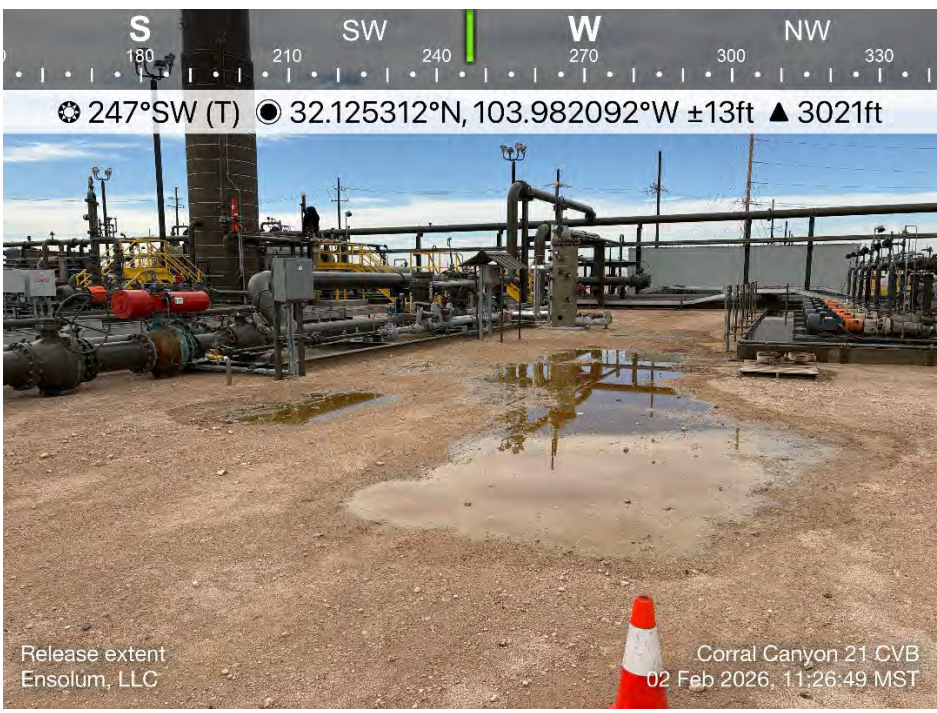
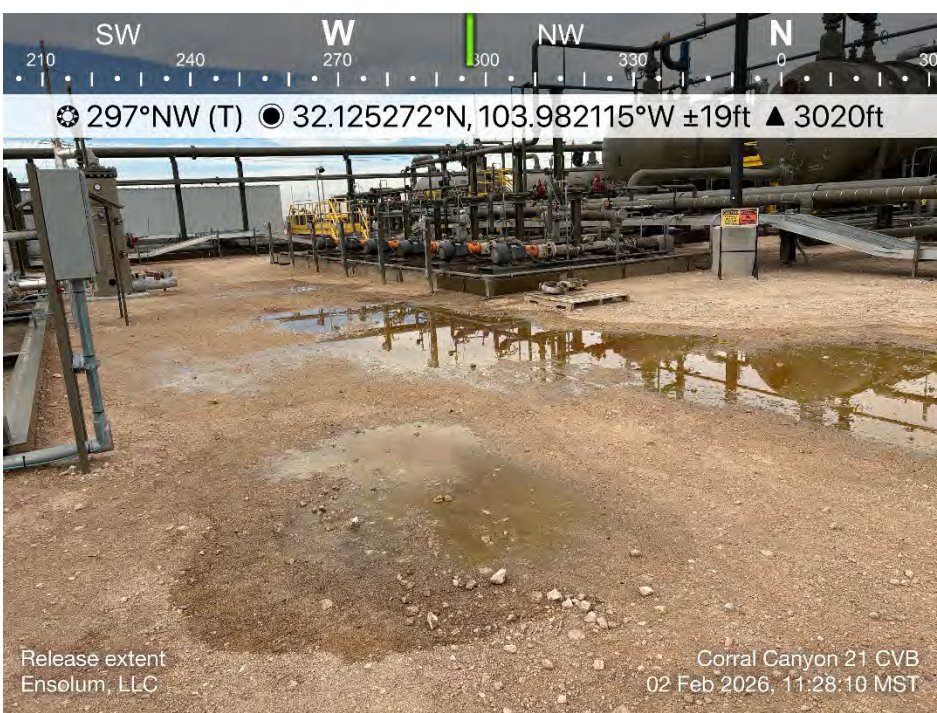


APPENDIX B

Photographic Log

Photographic Log

XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 02/02/2026</p>	 <p>Release extent Ensolum, LLC</p> <p>Corral Canyon 21 CVB 02 Feb 2026, 11:26:49 MST</p>
<p><u>Description</u> Initial release on pad</p>		
<p><u>View</u> Southwest-West</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 02/02/2026</p>	 <p>Release extent Ensolum, LLC</p> <p>Corral Canyon 21 CVB 02 Feb 2026, 11:28:10 MST</p>
<p><u>Description</u> Initial release on pad</p>		
<p><u>View</u> Northwest</p>		



Photographic Log



XTO Energy, Inc
 Corral Canyon 21 CVB
 nAPP2603745853

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 02/02/2026</p>	
<p><u>Description</u> Initial release on pad and flooded containment</p>		
<p><u>View</u> East</p>		<p>Release extent Ensolum, LLC</p> <p>Corral Canyon 21 CVB 02 Feb 2026, 11:27:31 MST</p>
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 02/13/2026</p>	
<p><u>Description</u> Delineation activities, SS01/BH01</p>		
<p><u>View</u> East</p>		





Photographic Log

XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853

<p>Photograph 5</p>	<p>Date 02/13/2026</p>	<p>Date & Time: Fri, Feb 13, 2026 at 12:53:03 MST Position: +032.1252977° -103.982105° (±5.0m) Altitude: 918m (±9.5m) Datum: WGS-84 Azimuth/Bearing: 275° N85W 4889mils True (±14°) Elevation Angle: -13.1° Horizon Angle: +00.5° Zoom: 1.0X</p> 
<p>Description Delineation activities, SS04/BH04</p>		
<p>View West</p>		
<p>Photograph 6</p>	<p>Date 04/13/2026</p>	 <p>W 240 270 300 330 NW N 0 NE 60 326°NW (T) 32.125324°N, 103.982264°W ±13ft ▲ 3032ft Ensolum, LLC 13 Apr 2026, 14:46:58 MDT</p>
<p>Description Liner inspection activities</p>		
<p>View Northwest</p>		

Photographic Log

XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853

<p><u>Photograph</u> 7</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> Northwest</p>		
<p><u>Photograph</u> 8</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> North</p>		

Photographic Log

XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853

<p><u>Photograph</u> 9</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> North</p>		
<p><u>Photograph</u> 10</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> Northwest</p>		



Photographic Log

XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853

<p><u>Photograph</u> 11</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> West-Northwest</p>		
<p><u>Photograph</u> 12</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> Northeast</p>		



Photographic Log

XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853

<p><u>Photograph</u> 13</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> Southwest</p>		
<p><u>Photograph</u> 14</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> Northeast-East</p>		

Photographic Log

XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853

<p><u>Photograph</u> 15</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> North</p>		
<p><u>Photograph</u> 16</p>	<p><u>Date</u> 04/13/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> North</p>		



Photographic Log



XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853

<p><u>Photograph</u> 17</p>	<p><u>Date</u> 04/14/2026</p>	
<p><u>Description</u> Lateral delineation activities, near SS06</p>		
<p><u>View</u> Northeast</p>		
<p><u>Photograph</u> 18</p>	<p><u>Date</u> 04/14/2026</p>	
<p><u>Description</u> Lateral delineation activities, near SS09</p>		
<p><u>View</u> South</p>		



Photographic Log

XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853

<p><u>Photograph</u> 19</p>	<p><u>Date</u> 04/14/2026</p>	
<p><u>Description</u> Lateral delineation activities, near SS05</p>		
<p><u>View</u> Northeast</p>		
<p><u>Photograph</u> 20</p>	<p><u>Date</u> 04/14/2026</p>	
<p><u>Description</u> Lateral delineation activities, near SS07</p>		
<p><u>View</u> Southeast</p>		



Photographic Log


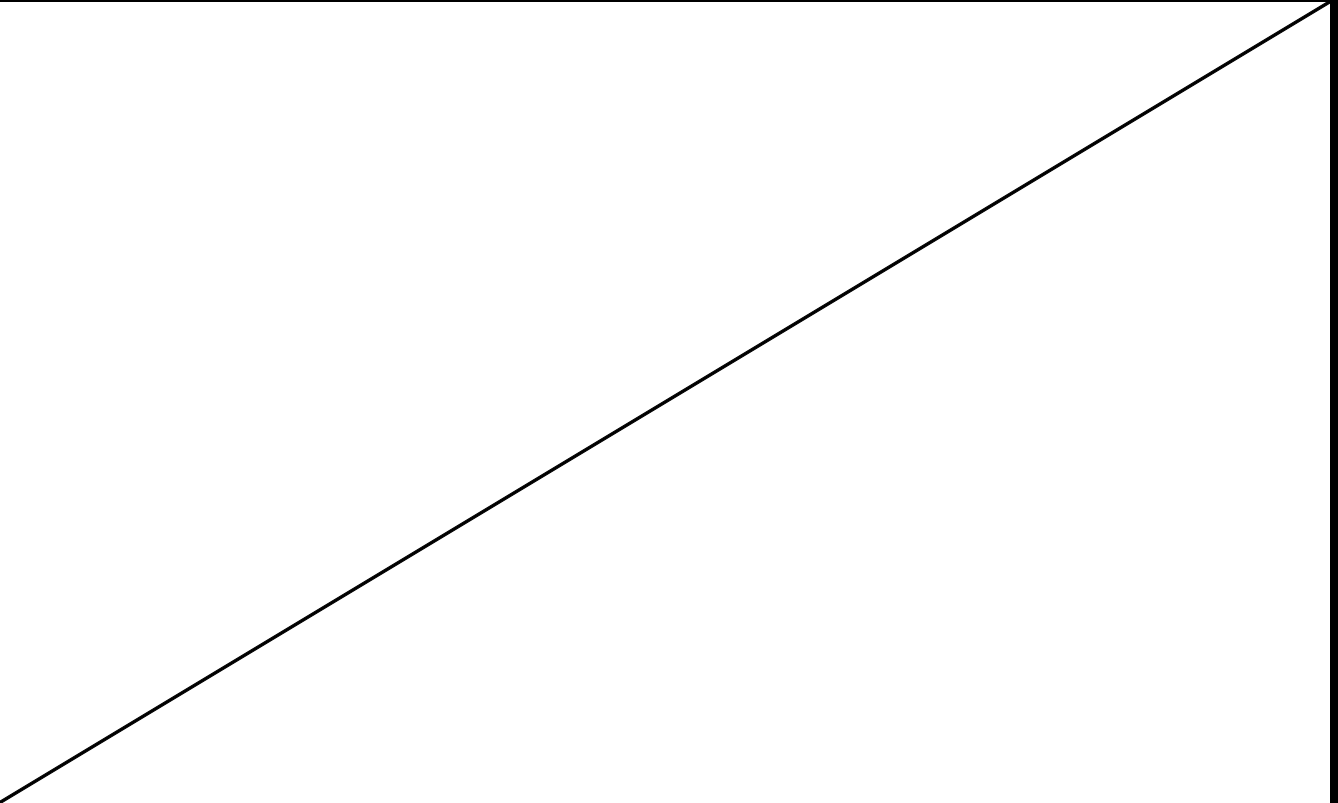
XTO Energy, Inc
Corral Canyon 21 CVB
nAPP2603745853


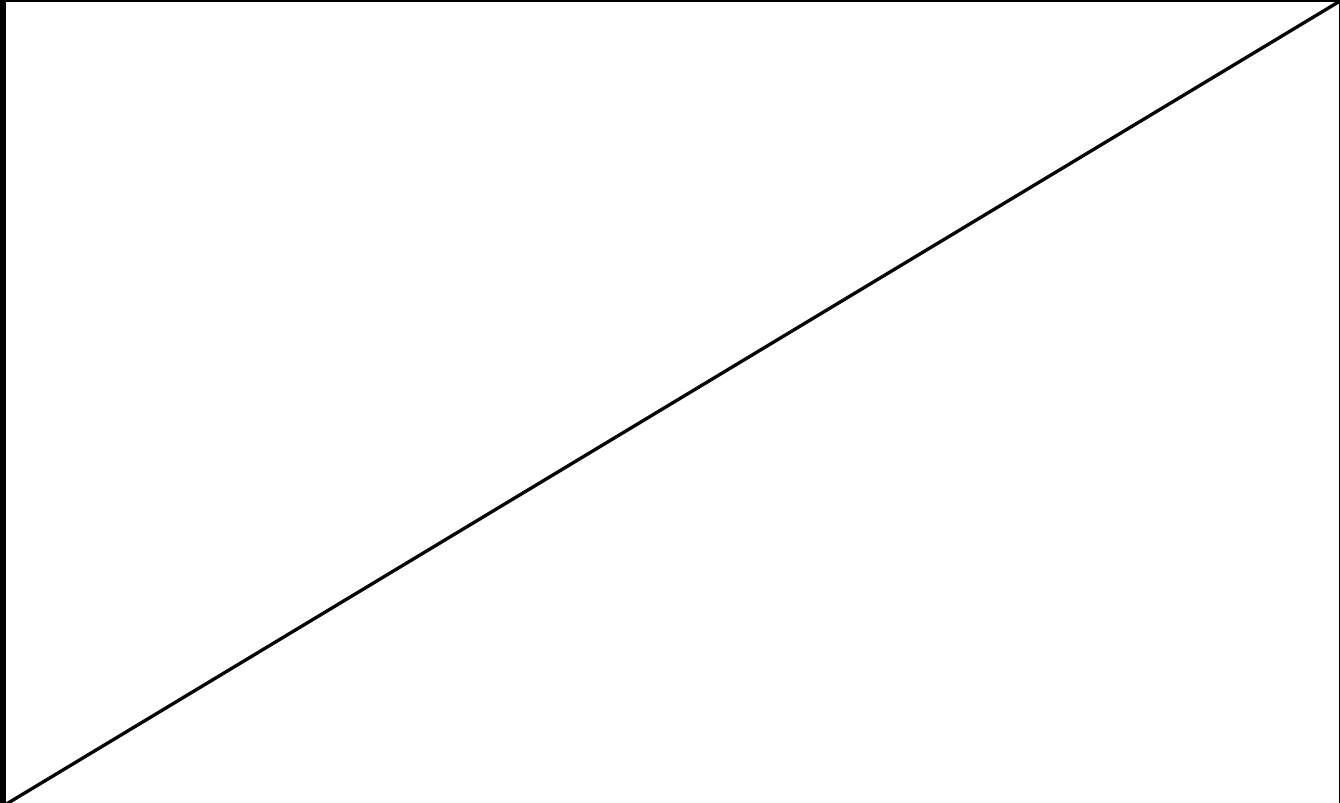
<p><u>Photograph</u> 21</p>	<p><u>Date</u> 03/30/2026</p>	
<p><u>Description</u> USGS well 320719103584601, not currently in use</p>		
<p><u>View</u> West</p>		
<p><u>Photograph</u> 22</p>	<p><u>Date</u> 03/30/2026</p>	
<p><u>Description</u> USGS well 320719103584601, not currently in use</p>		
<p><u>View</u> West</p>		


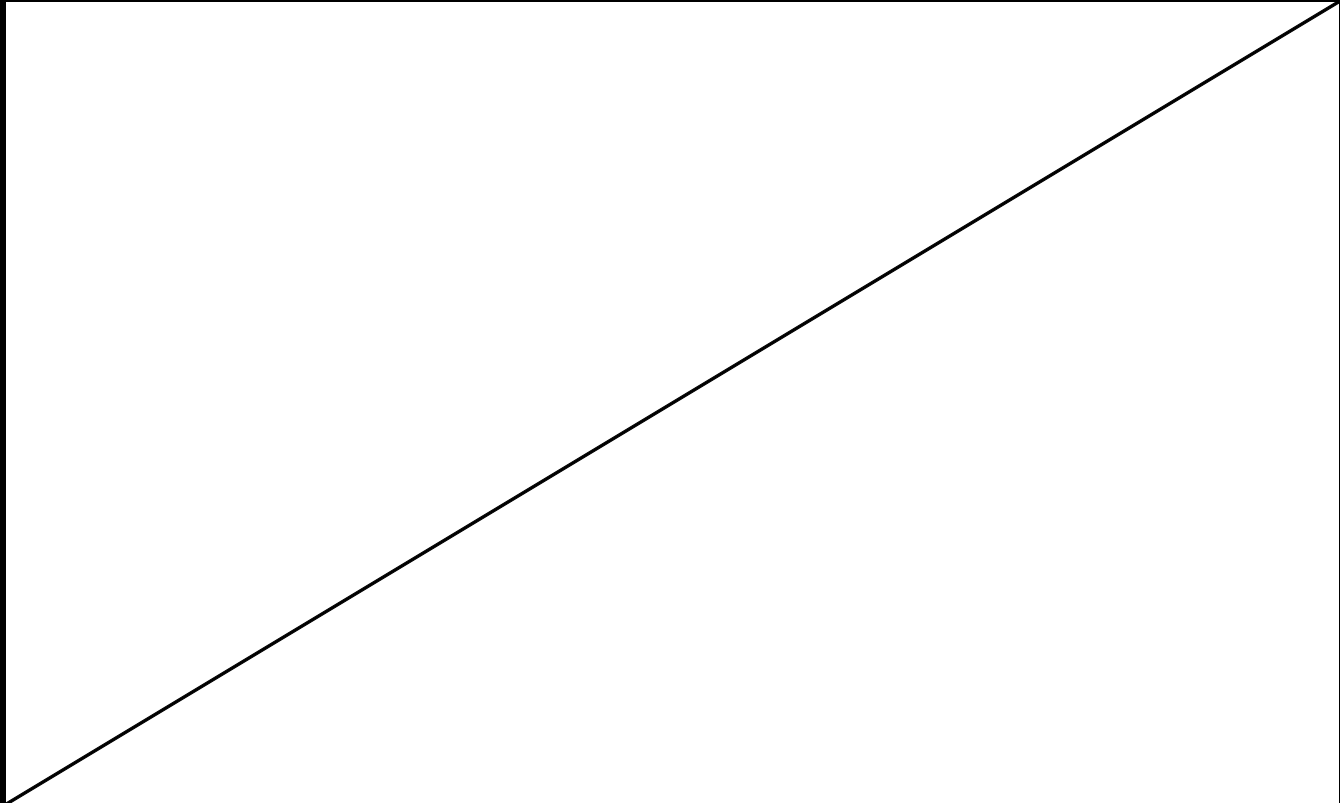



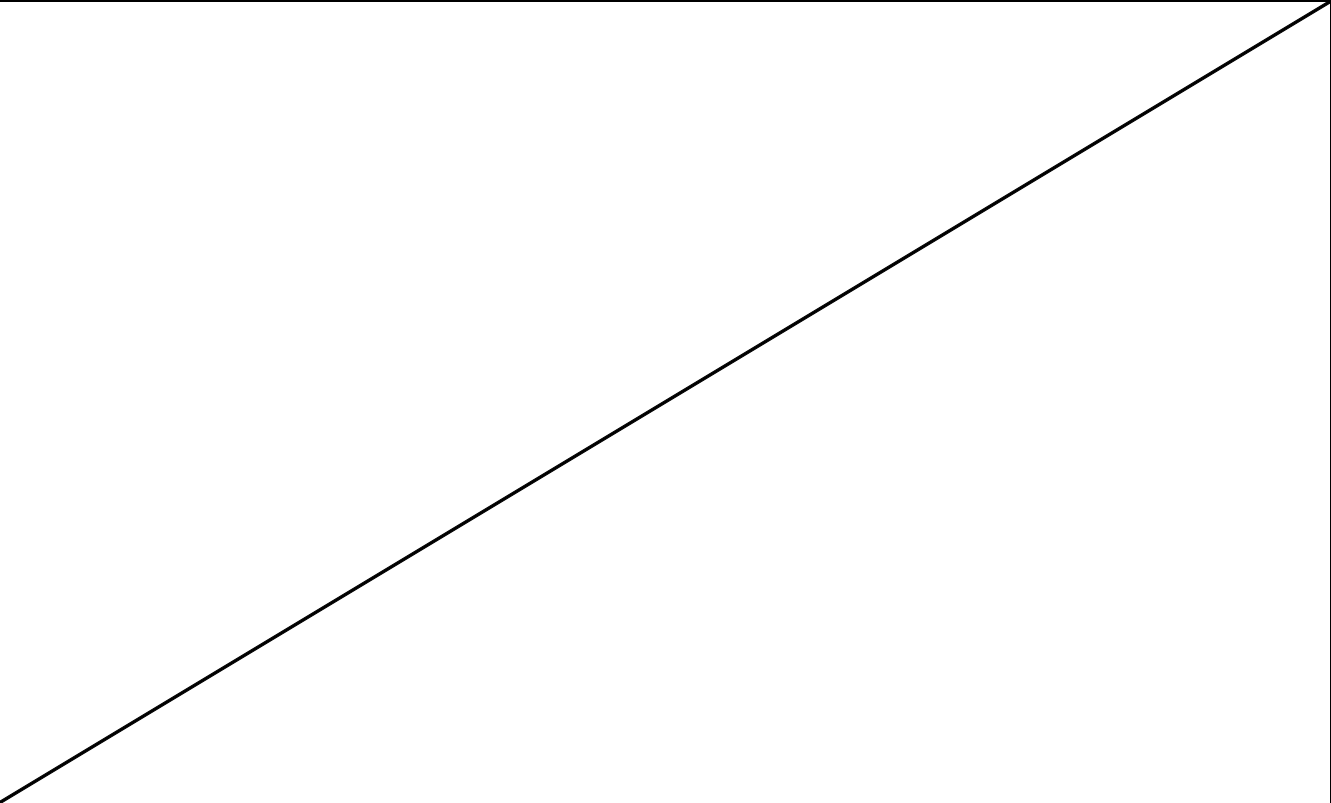
APPENDIX C

Lithologic Soil Sampling Logs

					Sample Name: BH01		Date: 2/13/2026					
					Site Name: Corral Canyon 21 CVB				Incident Number: nAPP2603745853			
					Job Number: 03C1558829				Logged By: CFW		Method: Geoprobe	
					Coordinates: 32.125281, -103.982275				Hole Diameter: 1.75"		Total Depth: 4'	
LITHOLOGIC / SOIL SAMPLING LOG												
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. No correction factors included.												
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions				
M	<179	693	Y	SS01	0.5	0	SM	0 - 2': White to off-white sands, silts with carbonate gravels (0.2-4 cm, angular to subrounded). Cohesive, non-plastic, well graded. Odor and staining present.				
M	<179	609	Y	BH01	1	1						
M	<179	599	Y			2						
D	<179	116.3	Y			3	GM	2' - 4': White to off-white massive limestone gravels (0.2-4 cm), few coarse-fine grained sands with silts. Non-cohesive, well graded. Odor present. Staining between 2'-3'.				
D	<179	52.6	N	BH01A	4	4						
Total Depth @ 4 feet bgs												
												

					Sample Name: BH02		Date: 2/13/2026	
					Site Name: Corral Canyon 21 CVB			
					Incident Number: nAPP2603745853			
					Job Number: 03C1558829			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: CFW		Method: Geoprobe	
Coordinates: 32.125298, -103.982206					Hole Diameter: 1.75"		Total Depth: 4'	
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. No correction factors included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	<179	757	Y	SS02	0.5	0	SM	0 - 2': White to off-white sands, silts with carbonate gravels (0.2-4 cm, angular to subrounded). Cohesive, non-plastic, well graded. Odor and staining present.
M	<179	792	Y	BH02	1	1		
M	<179	576	Y			2		
D	<179	23.1	Y	BH02A	3	3	GM	2' - 4': White to off-white massive limestone gravels (0.2-4 cm), few coarse-fine grained sands with silts. Non-cohesive, well graded. Odor present. Staining between 2'-3'.
D	<179	51.7	N			4		
Total Depth @ 4 feet bgs								
								

					Sample Name: BH03		Date: 2/13/2026	
					Site Name: Corral Canyon 21 CVB			
					Incident Number: nAPP2603745853			
					Job Number: 03C1558829			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: CFW		Method: Geoprobe	
Coordinates: 32.125274, -103.982171					Hole Diameter: 1.75"		Total Depth: 4'	
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. No correction factors included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	<179	702	Y	SS03	0.5	0		0 - 2': White to off-white sands, silts with carbonate gravels (0.2-4 cm, angular to subrounded). Cohesive, non-plastic, well graded. Odor and staining present.
M	<179	760	Y	BH03	1	1	SM	
D	<179	92.4	Y			2		
D	<179	34.1	Y			3	GM	2' - 4': White to off-white massive limestone gravels (0.2-4 cm), few coarse-fine grained sands with silts. Non-cohesive, well graded. Odor present. Staining between 2'-3'.
D	<179	23.5	N	BH03A	4	4		
Total Depth @ 4 feet bgs								
								

				Sample Name: BH04		Date: 2/13/2026		
				Site Name: Corral Canyon 21 CVB				
				Incident Number: nAPP2603745853				
				Job Number: 03C1558829				
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: CFW		Method: Geoprobe		
Coordinates: 32.125303, -103.982144				Hole Diameter: 1.75"		Total Depth: 4'		
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. No correction factors included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<179	793	Y	SS04	0.5	0	SM	0 - 2': White to off-white sands, silts with carbonate gravels (0.2-4 cm, angular to subrounded). Cohesive, non-plastic, well graded. Odor and staining present.
D	<179	780	Y			1		
D	<179	206.8	Y			2		
D	<179	116.8	Y			3	GM	2' - 4': White to off-white massive limestone gravels (0.2-4 cm), few coarse-fine grained sands with silts. Non-cohesive, well graded. Odor present.
D	<179	92.1	N	BH04	4	4		
Total Depth @ 4 feet bgs								
								



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



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

February 24, 2026

JEREMY REICH
ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND, TX 79705

RE: CORRAL CANYON 21 CVB

Enclosed are the results of analyses for samples received by the laboratory on 02/16/26 12:06.

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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



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

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
--	---	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS 01 - SURFACE	H260915-01	Soil	13-Feb-26 13:19	16-Feb-26 12:06
BH 01 - 1'	H260915-02	Soil	13-Feb-26 13:20	16-Feb-26 12:06
BH 01A - 4'	H260915-03	Soil	13-Feb-26 13:26	16-Feb-26 12:06
SS 02 - SURFACE	H260915-04	Soil	13-Feb-26 13:30	16-Feb-26 12:06
BH 02 - 1'	H260915-05	Soil	13-Feb-26 13:32	16-Feb-26 12:06
BH 02A - 3'	H260915-06	Soil	13-Feb-26 13:35	16-Feb-26 12:06
SS 03 - SURFACE	H260915-07	Soil	13-Feb-26 13:42	16-Feb-26 12:06
BH 03 - 1'	H260915-08	Soil	13-Feb-26 13:44	16-Feb-26 12:06
BH 03A - 4'	H260915-09	Soil	13-Feb-26 13:50	16-Feb-26 12:06
SS 04 - SURFACE	H260915-10	Soil	13-Feb-26 13:57	16-Feb-26 12:06
BH 04 - 4'	H260915-11	Soil	13-Feb-26 14:05	16-Feb-26 12:06

02/24/26 - Client added depths to all samples (see COC). This is the revised report and will replace the one sent on 02/20/26.

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**SS 01 - SURFACE
H260915-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	8.22		0.500	mg/kg	500	6021625	JH	17-Feb-26	8021B	
Toluene*	54.0		0.500	mg/kg	500	6021625	JH	17-Feb-26	8021B	
Ethylbenzene*	17.9		0.500	mg/kg	500	6021625	JH	17-Feb-26	8021B	
Total Xylenes*	212		1.50	mg/kg	500	6021625	JH	17-Feb-26	8021B	
Total BTEX	292		3.00	mg/kg	500	6021625	JH	17-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			199 %	70.4-141		6021625	JH	17-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

S-06

GRO C6-C10*	5830		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	
DRO >C10-C28*	17400		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	
EXT DRO >C28-C36	1960		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			1560 %	52.4-130		6021630	JF	18-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			723 %	39.9-141		6021630	JF	18-Feb-26	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**BH 01 - 1'
H260915-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	6.98		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	QM-07
Toluene*	84.5		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	QM-07
Ethylbenzene*	14.6		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	QM-07
Total Xylenes*	211		3.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	QM-07
Total BTEX	317		6.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.8 %		70.4-141	6021626	JH	18-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

S-06

GRO C6-C10*	8180		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	
DRO >C10-C28*	12100		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	
EXT DRO >C28-C36	1230		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			1400 %		52.4-130	6021630	JF	18-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			448 %		39.9-141	6021630	JF	18-Feb-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**BH 01A - 4'
H260915-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Toluene*	0.072		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6021626	JH	17-Feb-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			123 %	70.4-141		6021626	JH	17-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6021630	JF	18-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6021630	JF	18-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6021630	JF	18-Feb-26	8015B	

Surrogate: 1-Chlorooctane			84.5 %	52.4-130		6021630	JF	18-Feb-26	8015B	
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Surrogate: 1-Chlorooctadecane			87.3 %	39.9-141		6021630	JF	18-Feb-26	8015B	
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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**SS 02 - SURFACE
H260915-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	10.2		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Toluene*	97.2		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Ethylbenzene*	17.8		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Total Xylenes*	249		3.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Total BTEX	375		6.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.6 %	70.4-141		6021626	JH	18-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

S-06

GRO C6-C10*	8850		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	
DRO >C10-C28*	16600		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	
EXT DRO >C28-C36	1780		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			1510 %	52.4-130		6021630	JF	18-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			511 %	39.9-141		6021630	JF	18-Feb-26	8015B	
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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**BH 02 - 1'
H260915-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	13.4		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Toluene*	98.7		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Ethylbenzene*	25.6		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Total Xylenes*	294		3.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Total BTEX	432		6.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			167 %	70.4-141		6021626	JH	18-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

S-06

GRO C6-C10*	8660		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	
DRO >C10-C28*	13100		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	
EXT DRO >C28-C36	1250		50.0	mg/kg	5	6021630	JF	18-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			1350 %	52.4-130		6021630	JF	18-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			520 %	39.9-141		6021630	JF	18-Feb-26	8015B	
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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**BH 02A - 3'
H260915-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Toluene*	0.053		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6021626	JH	17-Feb-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			122 %	70.4-141		6021626	JH	17-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	

Surrogate: 1-Chlorooctane			86.6 %	52.4-130		6021646	JF	17-Feb-26	8015B	
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Surrogate: 1-Chlorooctadecane			83.4 %	39.9-141		6021646	JF	17-Feb-26	8015B	
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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**SS 03 - SURFACE
H260915-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	7.17		0.500	mg/kg	500	6021626	JH	18-Feb-26	8021B	
Toluene*	50.0		0.500	mg/kg	500	6021626	JH	18-Feb-26	8021B	
Ethylbenzene*	19.3		0.500	mg/kg	500	6021626	JH	18-Feb-26	8021B	
Total Xylenes*	223		1.50	mg/kg	500	6021626	JH	18-Feb-26	8021B	
Total BTEX	299		3.00	mg/kg	500	6021626	JH	18-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			217 %	70.4-141		6021626	JH	18-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

S-06

GRO C6-C10*	4210		50.0	mg/kg	5	6021646	JF	18-Feb-26	8015B	
DRO >C10-C28*	13900		50.0	mg/kg	5	6021646	JF	18-Feb-26	8015B	
EXT DRO >C28-C36	1500		50.0	mg/kg	5	6021646	JF	18-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			1190 %	52.4-130		6021646	JF	18-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			523 %	39.9-141		6021646	JF	18-Feb-26	8015B	
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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**BH 03 - 1'
H260915-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	5.71		0.500	mg/kg	500	6021626	JH	18-Feb-26	8021B	
Toluene*	41.8		0.500	mg/kg	500	6021626	JH	18-Feb-26	8021B	
Ethylbenzene*	14.8		0.500	mg/kg	500	6021626	JH	18-Feb-26	8021B	
Total Xylenes*	180		1.50	mg/kg	500	6021626	JH	18-Feb-26	8021B	
Total BTEX	242		3.00	mg/kg	500	6021626	JH	18-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			208 %	70.4-141		6021626	JH	18-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

S-04

GRO C6-C10*	4180		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	
DRO >C10-C28*	9900		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	
EXT DRO >C28-C36	751		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			517 %	52.4-130		6021646	JF	17-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			197 %	39.9-141		6021646	JF	17-Feb-26	8015B	
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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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BH 03A - 4'
H260915-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Toluene*	0.058		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6021626	JH	17-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			117 %	70.4-141		6021626	JH	17-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.1 %	52.4-130		6021646	JF	17-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.1 %	39.9-141		6021646	JF	17-Feb-26	8015B	
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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**SS 04 - SURFACE
H260915-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	15.4		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Toluene*	90.8		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Ethylbenzene*	24.2		1.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Total Xylenes*	285		3.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	
Total BTEX	416		6.00	mg/kg	1000	6021626	JH	18-Feb-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			163 %	70.4-141		6021626	JH	18-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

S-06

GRO C6-C10*	8010		50.0	mg/kg	5	6021646	JF	18-Feb-26	8015B	
DRO >C10-C28*	13700		50.0	mg/kg	5	6021646	JF	18-Feb-26	8015B	
EXT DRO >C28-C36	1610		50.0	mg/kg	5	6021646	JF	18-Feb-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			1040 %	52.4-130		6021646	JF	18-Feb-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			549 %	39.9-141		6021646	JF	18-Feb-26	8015B	
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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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**BH 04 - 4'
H260915-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6021639	AC	17-Feb-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6021626	JH	17-Feb-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6021626	JH	17-Feb-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			120 %	70.4-141		6021626	JH	17-Feb-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6021646	JF	17-Feb-26	8015B	

Surrogate: 1-Chlorooctane			92.1 %	52.4-130		6021646	JF	17-Feb-26	8015B	
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Surrogate: 1-Chlorooctadecane			88.8 %	39.9-141		6021646	JF	17-Feb-26	8015B	
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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6021639 - 1:4 DI Water										
Blank (6021639-BLK1)										
Prepared & Analyzed: 16-Feb-26										
Chloride	ND	16.0	mg/kg							
LCS (6021639-BS1)										
Prepared & Analyzed: 16-Feb-26										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6021639-BSD1)										
Prepared & Analyzed: 16-Feb-26										
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6021625 - Volatiles

Blank (6021625-BLK1)		Prepared: 16-Feb-26 Analyzed: 17-Feb-26								
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	<i>0.0943</i>		<i>mg/kg</i>	<i>0.100</i>		<i>94.3</i>	<i>70.4-141</i>			

LCS (6021625-BS1)		Prepared: 16-Feb-26 Analyzed: 17-Feb-26								
Benzene	2.10	0.050	mg/kg	2.00		105	71-111			
Toluene	2.06	0.050	mg/kg	2.00		103	75-116			
Ethylbenzene	2.18	0.050	mg/kg	2.00		109	74.2-119			
m,p-Xylene	4.22	0.100	mg/kg	4.00		105	72.5-123			
o-Xylene	2.23	0.050	mg/kg	2.00		112	70.5-124			
Total Xylenes	6.45	0.150	mg/kg	6.00		107	72.2-123			
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	<i>0.107</i>		<i>mg/kg</i>	<i>0.100</i>		<i>107</i>	<i>70.4-141</i>			

LCS Dup (6021625-BS1)		Prepared: 16-Feb-26 Analyzed: 17-Feb-26								
Benzene	2.26	0.050	mg/kg	2.00		113	71-111	7.43	17.6	BS-3
Toluene	2.25	0.050	mg/kg	2.00		112	75-116	8.53	14.8	
Ethylbenzene	2.40	0.050	mg/kg	2.00		120	74.2-119	9.59	14.2	BS-3
m,p-Xylene	4.66	0.100	mg/kg	4.00		117	72.5-123	10.1	13.6	
o-Xylene	2.47	0.050	mg/kg	2.00		124	70.5-124	10.3	13.7	
Total Xylenes	7.14	0.150	mg/kg	6.00		119	72.2-123	10.1	13.3	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	<i>0.108</i>		<i>mg/kg</i>	<i>0.100</i>		<i>108</i>	<i>70.4-141</i>			

Batch 6021626 - Volatiles

Blank (6021626-BLK1)		Prepared: 16-Feb-26 Analyzed: 17-Feb-26								
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND TX, 79705

Project: CORRAL CANYON 21 CVB
Project Number: 03C1558829
Project Manager: JEREMY REICH
Fax To:

Reported:
24-Feb-26 17:39

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6021626 - Volatiles**Blank (6021626-BLK1)**

Prepared: 16-Feb-26 Analyzed: 17-Feb-26

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0622		mg/kg	0.0500		124	70.4-141			

LCS (6021626-BS1)

Prepared: 16-Feb-26 Analyzed: 17-Feb-26

Benzene	2.18	0.050	mg/kg	2.00		109	71-111			
Toluene	2.24	0.050	mg/kg	2.00		112	75-116			
Ethylbenzene	2.35	0.050	mg/kg	2.00		118	74.2-119			
m,p-Xylene	4.88	0.100	mg/kg	4.00		122	72.5-123			
o-Xylene	2.35	0.050	mg/kg	2.00		118	70.5-124			
Total Xylenes	7.23	0.150	mg/kg	6.00		121	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0573		mg/kg	0.0500		115	70.4-141			

LCS Dup (6021626-BSD1)

Prepared: 16-Feb-26 Analyzed: 17-Feb-26

Benzene	2.23	0.050	mg/kg	2.00		111	71-111	2.15	17.6	
Toluene	2.30	0.050	mg/kg	2.00		115	75-116	2.97	14.8	
Ethylbenzene	2.47	0.050	mg/kg	2.00		123	74.2-119	4.87	14.2	BS-3
m,p-Xylene	5.11	0.100	mg/kg	4.00		128	72.5-123	4.74	13.6	BS-3
o-Xylene	2.48	0.050	mg/kg	2.00		124	70.5-124	5.22	13.7	
Total Xylenes	7.59	0.150	mg/kg	6.00		127	72.2-123	4.90	13.3	BS-3
Surrogate: 4-Bromofluorobenzene (PID)	0.0575		mg/kg	0.0500		115	70.4-141			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6021630 - General Prep - Organics

Blank (6021630-BLK1)		Prepared: 16-Feb-26 Analyzed: 17-Feb-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.6	52.4-130			
Surrogate: 1-Chlorooctadecane	41.2		mg/kg	50.0		82.5	39.9-141			

LCS (6021630-BS1)		Prepared: 16-Feb-26 Analyzed: 17-Feb-26								
GRO C6-C10	213	10.0	mg/kg	200		106	78.7-123			
DRO >C10-C28	203	10.0	mg/kg	200		101	74.8-123			
Total TPH C6-C28	416	10.0	mg/kg	400		104	78.6-121			
Surrogate: 1-Chlorooctane	49.6		mg/kg	50.0		99.2	52.4-130			
Surrogate: 1-Chlorooctadecane	47.3		mg/kg	50.0		94.6	39.9-141			

LCS Dup (6021630-BSD1)		Prepared: 16-Feb-26 Analyzed: 17-Feb-26								
GRO C6-C10	213	10.0	mg/kg	200		107	78.7-123	0.203	11.3	
DRO >C10-C28	200	10.0	mg/kg	200		100	74.8-123	1.11	10.9	
Total TPH C6-C28	414	10.0	mg/kg	400		103	78.6-121	0.434	10.5	
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.9	52.4-130			
Surrogate: 1-Chlorooctadecane	45.6		mg/kg	50.0		91.2	39.9-141			

Batch 6021646 - General Prep - Organics

Blank (6021646-BLK1)		Prepared: 16-Feb-26 Analyzed: 17-Feb-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.4		mg/kg	50.0		88.8	52.4-130			
Surrogate: 1-Chlorooctadecane	43.5		mg/kg	50.0		87.0	39.9-141			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CORRAL CANYON 21 CVB Project Number: 03C1558829 Project Manager: JEREMY REICH Fax To:	Reported: 24-Feb-26 17:39
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6021646 - General Prep - Organics

LCS (6021646-BS1)

Prepared: 16-Feb-26 Analyzed: 17-Feb-26

GRO C6-C10	198	10.0	mg/kg	200		99.2	78.7-123			
DRO >C10-C28	202	10.0	mg/kg	200		101	74.8-123			
Total TPH C6-C28	401	10.0	mg/kg	400		100	78.6-121			
Surrogate: 1-Chlorooctane	57.4		mg/kg	50.0		115	52.4-130			
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0		101	39.9-141			

LCS Dup (6021646-BSD1)

Prepared: 16-Feb-26 Analyzed: 17-Feb-26

GRO C6-C10	196	10.0	mg/kg	200		97.8	78.7-123	1.45	11.3	
DRO >C10-C28	194	10.0	mg/kg	200		97.2	74.8-123	3.90	10.9	
Total TPH C6-C28	390	10.0	mg/kg	400		97.5	78.6-121	2.68	10.5	
Surrogate: 1-Chlorooctane	49.1		mg/kg	50.0		98.3	52.4-130			
Surrogate: 1-Chlorooctadecane	48.1		mg/kg	50.0		96.2	39.9-141			

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name: Ensolum, LLC Project Manager: Jeremy Reich Address: 3122 National Parks Hwy City: Carlsbad State: NM Zip: 88220 Phone #: 432-296-0627 Project #: 03C1558829 Project Name: Corral Canyon 21 CVB Project Location: 32.125264, -103.982339 Sampler Name: Chris Wright		P.O. #: <i>CRJ</i> Company: XTO Energy, Inc Attn: Dale Woodall Address: 3104 E Greene St City: Carlsbad State: NM Zip: 88220 Phone #: <i>CRJ</i> Fax #:	
Lab I.D. <i>HA00915</i> Sample I.D.		BILL TO	
Relinquished By: <i>Chris Wright</i> Date: <i>2/13/26</i> Received By: <i>Richard Kutzur</i> Date: <i>2/13/26</i>		ANALYSIS REQUEST	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: <i>3.0</i> Corrected Temp. °C: <i>3.1</i>	
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>CRJ</i> (Initials)	
BTEX - 8021B TPH - 8015 Chlorides - SM4500		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temp. °C: <i>10.1</i>	
Turnaround Time:		Add'l Phone #:	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		All Results are emailed. Please provide Email address:	
Jreich; Tmorrissey; Kthomason; Cwright@ensolum.com richard.kutzur@exxonmobil.com		REMARKS: <i>* Customer requested Depth changes.</i>	
Cost Center: 2243641001 Incident Number: NAPP2603745853 GFCEM: 48605000		Date: <i>2/13/26</i>	
Time:		Received By: <i>Richard Kutzur</i>	
Relinquished By:		Date:	
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101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name: Ensolum, LLC
 Project Manager: Jeremy Reich
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 Phone #: 432-296-0627 Fax #: [blank]
 Project #: 03C1558829 Project Owner: XTO Energy, Inc
 Project Name: Corral Canyon 21 CVB
 Project Location: 32.125264, -103.982339
 Sampler Name: Chris Wright

BILL TO
 P.O. #: [blank]
 Company: XTO Energy, Inc
 Attn: Dale Woodall
 Address: 3104 E Greene St
 City: Carlsbad State: NM Zip: 88220
 Phone #: [blank] Fax #: [blank]

ANALYSIS REQUEST

FOR LAB USE ONLY	MATRIX	PRESERV	SAMPLING	DATE	TIME	BTEX - 8021B	TPH - 8015	Chlorides - SM4500
Lab I.D. HB00915								
Sample I.D. BH04 - 4'	(G)RAB OR (C)OMP. G			2/13/26	1405	X	X	X
	# CONTAINERS 1							
	GROUNDWATER							
	WASTEWATER							
	SOIL X							
	OIL							
	SLUDGE							
	OTHER :							
	ACID/BASE:							
	ICE / COOL X							
	OTHER :							

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Relinquished By: *Chris Wright* Date: *3/10/26* Time: *1200*
 Received By: *Speckington*

Delivered By: (Circle One) Observed Temp. °C: *3.0*
 Sampler - UPS - Bus - Other: Corrected Temp. °C: *3.1*

Sample Condition: Cool Intact Yes No
 Checked By: *[Signature]*

Thermometer ID #140 Correction Factor +0.3°C Standard Rush
 Turnaround Time: *10.1*

REMARKS: ** Customer requested Depth changes.*

Verbal Result: Yes No Add'l Phone #: [blank]
 All Results are emailed. Please provide Email address:
 Jreich; Tmorrissey; Kthomason; Cwright@ensolum.com richard.kotzur@exxonmobil.com
 Cost Center: 2243641001
 Incident Number: NAPP2603745853
 GFCM: 48605000

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



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

April 22, 2026

CHRIS WRIGHT

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: CORRAL CANYON 21 CVB

Enclosed are the results of analyses for samples received by the laboratory on 04/16/26 13:06.

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 accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/16/2026	Sampling Date:	04/14/2026
Reported:	04/22/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 21 CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558829	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.125264-103.982339		

Sample ID: SS08 SURFACE (H262202-01)

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	04/19/2026	ND	2.12	106	2.00	1.04	
Toluene*	<0.050	0.050	04/19/2026	ND	1.97	98.3	2.00	1.34	
Ethylbenzene*	<0.050	0.050	04/19/2026	ND	1.91	95.3	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/19/2026	ND	5.54	92.3	6.00	1.67	
Total BTEX	<0.300	0.300	04/19/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/17/2026	ND	400	100	400	3.92	

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	04/18/2026	ND	193	96.4	200	7.78	
DRO >C10-C28*	<10.0	10.0	04/18/2026	ND	182	91.1	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	04/18/2026	ND					

Surrogate: 1-Chlorooctane 63.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 57.1 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/16/2026	Sampling Date:	04/14/2026
Reported:	04/22/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 21 CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558829	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.125264-103.982339		

Sample ID: SS09 SURFACE (H262202-02)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	QM-07
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/17/2026	ND	400	100	400	3.92	

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	04/18/2026	ND	193	96.4	200	7.78	
DRO >C10-C28*	<10.0	10.0	04/18/2026	ND	182	91.1	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	04/18/2026	ND					

Surrogate: 1-Chlorooctane 64.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 57.2 % 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:	04/16/2026	Sampling Date:	04/14/2026
Reported:	04/22/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 21 CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558829	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.125264-103.982339		

Sample ID: SS10 SURFACE (H262202-03)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/17/2026	ND	400	100	400	3.92	

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	04/18/2026	ND	193	96.4	200	7.78	
DRO >C10-C28*	<10.0	10.0	04/18/2026	ND	182	91.1	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	04/18/2026	ND					

Surrogate: 1-Chlorooctane 67.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 58.3 % 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:	04/16/2026	Sampling Date:	04/14/2026
Reported:	04/22/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 21 CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558829	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.125264-103.982339		

Sample ID: SS11 SURFACE (H262202-04)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/17/2026	ND	400	100	400	3.92	

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	04/18/2026	ND	193	96.4	200	7.78	
DRO >C10-C28*	<10.0	10.0	04/18/2026	ND	182	91.1	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	04/18/2026	ND					

Surrogate: 1-Chlorooctane 64.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 57.7 % 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:	04/16/2026	Sampling Date:	04/14/2026
Reported:	04/22/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 21 CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558829	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.125264-103.982339		

Sample ID: SS05 SURFACE (H262202-05)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/17/2026	ND	400	100	400	3.92	

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	04/18/2026	ND	193	96.4	200	7.78	
DRO >C10-C28*	48.1	10.0	04/18/2026	ND	182	91.1	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	04/18/2026	ND					

Surrogate: 1-Chlorooctane 73.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/16/2026	Sampling Date:	04/14/2026
Reported:	04/22/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 21 CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558829	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.125264-103.982339		

Sample ID: SS06 SURFACE (H262202-06)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/17/2026	ND	400	100	400	3.92	

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	04/18/2026	ND	193	96.4	200	7.78	
DRO >C10-C28*	45.2	10.0	04/18/2026	ND	182	91.1	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	04/18/2026	ND					

Surrogate: 1-Chlorooctane 63.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 56.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/16/2026	Sampling Date:	04/14/2026
Reported:	04/22/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 21 CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558829	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.125264-103.982339		

Sample ID: SS07 SURFACE (H262202-07)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/17/2026	ND	400	100	400	3.92	

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	04/18/2026	ND	193	96.4	200	7.78	
DRO >C10-C28*	<10.0	10.0	04/18/2026	ND	182	91.1	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	04/18/2026	ND					

Surrogate: 1-Chlorooctane 61.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 53.2 % 39.9-141

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- 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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 1

Company Name: Ensolum, LLC
Project Manager: Chris Wright
Address: 3122 National Parks Hwy
City: Carlsbad
State: NM **Zip:** 88220
Phone #: 575 706 6266 **Fax #:**
Project #: 031558829 **Project Owner:** XTO Energy, Inc
Project Name: Garrod Canyon ZI CVB
Project Location: 32.125264, -103.982339
Sampler Name: Joshua Boyley
FOR LAB USE ONLY
P.O. #:
Company: XTO Energy, Inc
Attn: Dale Woodall
Address: 3104 E Greene St
City: Carlsbad
State: NM **Zip:** 88220
Phone #:
Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
HB23202	* 55018	Surface	G	1	X							4/14/26	1210	Chlorides
	55029	Surface	G	1	X							4/14/26	1206	TPH
	550310	Surface	G	1	X							4/14/26	1200	BTEX
	550411	Surface	G	1	X							4/14/26	1154	
	5505	Surface	G	1	X							4/14/26	1140	
	5506	Surface	G	1	X							4/14/26	1133	
	5507	Surface	G	1	X							4/14/26	1216	

* Customer requested ID changes. re-4/21/26

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Relinquished By: [Signature]
Received By: [Signature]
Date: 4/16/26
Time: 1306
Received By: [Signature]

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:
Observed Temp. °C: 29.6
Corrected Temp. °C: 31.7
Sample Condition: Cool Intact Yes No
Checked By: [Signature]
Turnaround Time: 5 day #140 Rush
Standard: 48605000 - spills
Bacteria (only) Sample Condition: Cool Intact Yes No
Corrected Temp. °C:



APPENDIX E

Spill Volume Calculations

Location:	Corral Canyon 21 CVB	
Spill Date:	2/2/2026	
Incident #:	nAPP2603745853	
Area 1		
Approximate Area =	906	sq. ft.
Average Saturation (or depth) of spill =	0.25	inches
Average Porosity Factor =	0.2	
VOLUME OF LEAK		
Total Crude Oil =	0.67	bbls
Total Produced Water =		bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	50	bbls
Total Produced Water =		bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =	49	bbls
Total Produced Water =		bbls

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Phone: (505) 629-6116

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

QUESTIONS

Action 551488

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 551488
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2603745853
Incident Name	NAPP2603745853 CORRAL CANYON 21 CVB @ FAPP2409932758
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2409932758] CORRAL CANYON 21 CVB

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Corral Canyon 21 CVB
Date Release Discovered	02/02/2026
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 50 BBL Recovered: 49 BBL Lost: 1 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)	Not answered.

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QUESTIONS, Page 2

Action 551488

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 551488
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	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: NMEEnvNotifications@exxonmobil.com Date: 02/06/2026
--	--

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QUESTIONS, Page 3

Action 551488

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 551488
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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Oil Conservation Division
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CONDITIONS

Action 551488

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 551488
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	2/9/2026

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

QUESTIONS

Action 581546

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581546
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2603745853
Incident Name	NAPP2603745853 CORRAL CANYON 21 CVB @ FAPP2409932758
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2409932758] CORRAL CANYON 21 CVB

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Corral Canyon 21 CVB
Date Release Discovered	02/02/2026
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 50 BBL Recovered: 49 BBL Lost: 1 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)	Not answered.

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QUESTIONS, Page 2

Action 581546

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581546
	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	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: NMEvnNotifications@exxonmobil.com Date: 05/04/2026
--	---

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QUESTIONS, Page 3

Action 581546

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581546
	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	Attached Document
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 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
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 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	144
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	27230
GRO+DRO (EPA SW-846 Method 8015M)	25450
BTEX (EPA SW-846 Method 8021B or 8260B)	432
Benzene (EPA SW-846 Method 8021B or 8260B)	15.4

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	02/02/2026
On what date will (or did) the final sampling or liner inspection occur	07/01/2026
On what date will (or was) the remediation complete(d)	07/01/2026
What is the estimated surface area (in square feet) that will be reclaimed	906
What is the estimated volume (in cubic yards) that will be reclaimed	100
What is the estimated surface area (in square feet) that will be remediated	906
What is the estimated volume (in cubic yards) that will be remediated	100

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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

QUESTIONS, Page 4

Action 581546

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581546
	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.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 05/04/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 581546

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581546
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 581546

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581546
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	574058
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/14/2026
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	1000

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
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Santa Fe, NM 87505

CONDITIONS

Action 581546

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581546
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation plan is approved with the following conditions; 1. The variance toward 19.15.29.12C (4c)(ii) NMAC for the USGS water well 320719103584601 located within 1000 feet from the point of release is denied due to not providing equal or better protection of fresh water, public health and the environment. XTO Energy, Inc. (XTO) must treat the release as if it occurred less than 50 feet to ground water in Table I of 19.15.29.12 NMAC. 2. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, XTO must collect a minimum of one (1) five point composite sample from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. This is especially important for the material being used within the top four (4) feet from the ground surface.	6/29/2026
nvez	3. XTO has 90-days (September 28, 2026) to submit to OCD its appropriate or final remediation closure report.	6/29/2026