



January 15, 2025

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

**Re: Remediation Work Plan  
Corral Fly 2-1 State CTB  
API#  
Incident Number: nAPP2202557399  
32.16032°N, 103.95597°W  
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Oxy USA, Inc. (Oxy), has prepared the following *Remediation Work Plan (Work Plan)* to document the site assessment activities completed to date and propose a work plan to address impacted soil identified at the Corral Fly 2-1 State CTB (Site). The purpose of the site assessment activities was to delineate the vertical and lateral extent of impacted soil resulting from a release of crude oil at the Site. The following Work Plan proposes to excavate impacted soil within the top 1 foot to 2 feet below ground surface (bgs) of the release extent.

## **SITE DESCRIPTION AND RELEASE SUMMARY**

The Site is located in Unit K, Section 26, Township 25 South, Range 29 East, in Eddy County, New Mexico (32.16032°N, 103.95597°W) and is associated with oil and gas exploration and production operations on State Trust Land (STL) managed by the New Mexico State Land Office (SLO).

On January 19, 2022, a manway hole on a separator malfunctioned resulting in approximately 53 barrels (bbls) of crude oil to be released. And approximately 30 bbls was recovered via the use of vacuum trucks. Oxy reported the release to the New Mexico Oil Conservation Division (NMOCD) on February 3, 2022 and the release was assigned Incident Number nAPP2202557399.

## **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 on NMOCD Portal of the Form C-141, Site Assessment/Characterization submitted on February 3, 2022. Potential site receptors are identified on **Figure 2 in Appendix A**.

Depth to groundwater at the Site is greater than 100 feet bgs based on the nearest groundwater well data. In July 1995, a New Mexico Office of the State Engineer (NMOSE) permitted well (C-2459) was advanced to a depth of 150 feet bgs located on-Site and is depicted on **Figure 2 in Appendix A**. Groundwater was not encountered. The Well Record is included in **Appendix B**.

The closest continuously flowing or significant watercourse to the Site is a stream bed located approximately 459 feet south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or

wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by unstable geology (medium potential karst designation area).

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (DRO + GRO): 1,000 mg/kg
- Total petroleum hydrocarbons (TPH): 2,500 mg/kg
- Chloride: 20,000 mg/kg

## CULTURAL PROPERTIES PROTECTION RULE

Since the release remained on pad, the Site is exempt from the Cultural Properties Protection Rule (CPP) per 19.2.24.10.A(8) NMAC. As such no additional cultural resource surveys were completed in connection with this release.

## BIOLOGICAL COMPLIANCE AND REPORTING

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. The desktop review results can be found in the Supporting Documentation in **Appendix B**.

- The Site is located near an area of possible Tharp's blue star and Scheer's beehive cactus. The release remained on pad limiting any potential impacts.
- No environmentally sensitive receptors were located near the Site as mentioned in the Site Characterization.
- The soil type is classified as Pajarito loamy fine sand (PA) and Tonuco loamy sand (TC) according to the Web Soil Survey. PA and TC is not considered a sensitive soil by the SLO definition.

## SITE ASSESSMENT AND DELINEATION ACTIVITIES

Between June 20, 2024 and November 22, 2024, Ensolum personnel conducted a Site visit to evaluate the release extent based on information provided on the C-141 and visual observations. Ensolum personnel collected 6 initial soil samples (SS01 through SS06) within the release extent from a depth 0.25 feet bgs, 10 pothole soil samples (PH01 through PH10) within the release extent from depths ranging from 1 foot bgs to 4 feet bgs, 10 delineation soil samples (DS01 through DS10) outside the release extent from a depth of 0.5 feet bgs, and 93 confirmation soil samples (CS01 through CS80, CS82, CS85, CS92, CS93, CS96, and CS99 through CS106) within the release extent from a depth of 0.25 feet bgs. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID), and chloride using Hach® chloride QuanTab® test strips. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on **Figure 1 (Appendix A)**. Photographic documentation was completed during the Site visit and a Photographic Log is included in **Appendix C**.

## FIELD SCREENING RESULTS

Field screening results for the lateral delineation soil samples (DS01 through DS10) indicated that TPH and/or chloride concentrations exceeded the Closure Criteria in three spots (DS06 through DS08) and the release extent will need to be pushed back further in these areas.

Field screening results for the vertical delineation soil samples (PH01 through PH10) indicated that VOCs, TPH, and/or chloride concentrations are below the Closure Criteria at depths ranging from 1 foot to 4 feet bgs for various pothole soil sample locations. The terminal depth sample collected from each delineation pothole, PH01 (1 foot bgs), PH02 (1 foot bgs), PH03 (2 feet bgs), PH04 (2 feet bgs), PH05 (2 feet bgs), PH06 (1 foot bgs), PH07 (1 foot bgs), PH08 (1 foot bgs), PH09 (4 feet bgs), and PH10 (4 feet bgs), indicated concentrations of all COCs were compliant with the Closure Criteria and successfully defined the vertical extent of impacted soil.

Excavation activities began in November 2024, based on the results of initial, delineation, and pothole sampling. To date, 93 confirmation soil samples have been collected (CS01 through CS80, CS82, CS85, CS92, CS93, CS96, and CS99 through CS106) within the release extent from a depth of 0.25 feet bgs. Excavation activities will continue based on the field screening and laboratory analytical results.

Once excavation activities are completed, official excavation composite floor and sidewall soil samples will be collected every 200 square feet. Samples will be placed in pre-cleaned glass jars labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The samples will be transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of BTEX, following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM-4500 Cl-B.

## VARIANCE REQUESTS

### Groundwater Variance

Based on a desktop review of the surrounding area, there are two NMOSE permitted wells (C-2459 and C-4604-POD1) with depths to groundwater greater than 100 feet bgs as shown in **Figure 2 (Appendix A)**. The Well Records for both wells can be found as Supporting Documentation in **Appendix B**. However, NMOSE well C-2459 was completed in 1995, therefore its data is greater than 25 years of age and NMOSE well C-4604-POD1 is approximately 0.6 miles southeast of the Site, which is outside the permissible 0.5-mile radius.

Ensolum, on behalf of Oxy, would like to request a depth to groundwater Closure Criteria Variance for the Site based on the information provided above and included as Supporting Documentation in **Appendix B** to reflect groundwater greater than 100 feet as shown in Table I of 19.15.29.12 NMAC for any on-pad remediation greater than 4 feet bgs.

### Karst Variance

Effective December 1, 2024, the NMOCD released a notice updating its guidance concerning karst potential occurrence zones. Based on this notice, an area defined as “medium karst” will now be treated the same as a “critical karst/high karst occurrence zone” and will be remediated to the most stringent Closure Criteria as shown in Table I of 19.15.29.12 NMAC for depth to groundwater less than or equal to 50 feet bgs. For the NMOCD to approve a Closure Criteria Variance for karst potential, two criteria must be met:

- Approval from the applicable Federal or State land management agency, and;

- A karst survey conducted by an approved karst expert listed on the *Bureau of Land Management (BLM) Carlsbad Field Office Approved Third-Party Cave/Karst Contractors* list which demonstrates that the Site in question does not overlie a medium/high/critical karst occurrence zone.

Ensolum, on behalf of Oxy, would like to request a karst Closure Criteria Variance for the Site. If approved by the SLO and subsequently by the NMOCD, a karst survey will be conducted by an approved third-party contractor to determine the Sites karst potential. Once completed, this information will be submitted to the SLO and NMOCD for review and approval to proceed with groundwater greater than 100 feet Closure Criteria Variance as shown in Table I of 19.15.29.12 NMAC.

**PROPOSED REMEDIATION WORK PLAN**

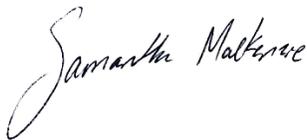
The delineation soil sampling results indicate soils containing elevated TPH and/or chloride concentrations exist across an approximate 7,888 square foot area and extends to a maximum depth of 2 feet bgs. Oxy proposes to complete the following remediation activities:

- Excavation of impacted soil to varying depths of 0.5 foot to 2 feet bgs based on the pothole delineation field screening soil sample results. Excavation will proceed vertically and laterally until the excavation floor and sidewall samples confirm benzene, total BTEX, TPH, and chloride concentrations are compliant with the applicable Closure Criteria.
- An estimated 292 cubic yards of impacted soil will be excavated. The excavated soil will be transferred to a New Mexico approved landfill facility for disposal.
- The excavation will be backfilled and recontoured to match pre-existing conditions

Oxy will proceed with the excavation and soil sampling activities and will submit a Closure Report within 90 days of the date of approval of this Work Plan by the NMOCD.

If you have any questions or comments, please contact Ms. Samantha MacKenzie at (703) 357-3545 or smackenzie@ensolum.com.

Sincerely,  
**Ensolum, LLC**



Samantha MacKenzie  
Staff Geologist



Beaux Jennings  
Associate Principal

cc: Wade Dittrich, Oxy USA, Inc.  
Tyson Pierce, Oxy USA, Inc.  
New Mexico Bureau of Land Management

Appendices:

- Appendix A Figures
- Appendix B Supporting Documentation



Oxy USA, Inc.  
Remediation Work Plan  
Corral Fly 2-1 State CTB

January 15, 2025

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Appendix C Photographic Log  
Appendix D Table  
Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation

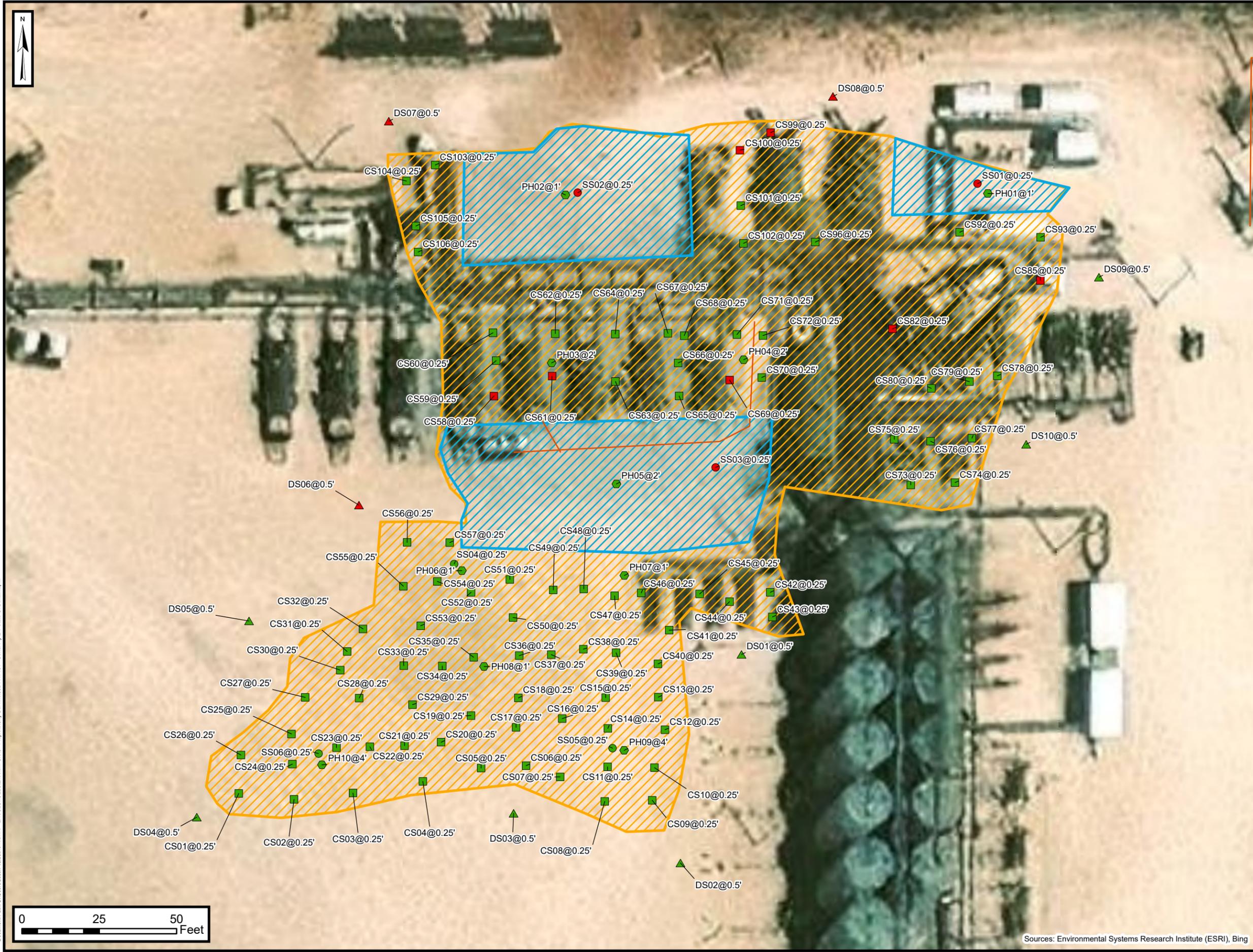


## APPENDIX A

### Figures

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**Legend**

- Initial Soil Sample in Compliance with Closure Criteria
- Confirmation Soil Sample in Compliance with Closure Criteria
- ▲ Delineation Soil Sample in Compliance with Closure Criteria
- Pothole Soil Sample in Compliance with Closure Criteria
- Initial Soil Sample with Concentrations Exceeding Closure Criteria
- Confirmation Soil Sample with Concentrations Exceeding Closure Criteria
- ▲ Delineation Soil Sample with Concentrations Exceeding Closure Criteria
- Electric Utility Line
- ▨ Excavation Extent
- ▨ Release Extent

**Excavation Dig Map**

Oxy USA Inc.  
 Corral Fly 2-1 State CTB  
 Project Number: 03B1417191  
 32.16032, -103.95597  
 Eddy County, New Mexico

**FIGURE 2**

**ENSOLUM**  
 Environmental, Engineering and Hydrogeologic Consultants

Document Path: C:\Users\julin.Velazquez\OneDrive - ENSOLUM, L.L.C\Enso\GIS - Projects\Oxy USA Inc\03B1417191 - Corral Fly 2-1 State CTB\Map.aprx

Sources: Environmental Systems Research Institute (ESRI), Bing



## APPENDIX B

### Supporting Documentation

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District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	nAPP2202557399
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OXY USA INC.	OGRID	16696
Contact Name	WADE DITTRICH	Contact Telephone	(575) 390-2828
Contact email	WADE_DITTRICH@OXY.COM	Incident # (assigned by OCD)	
Contact mailing address	PO BOX 4294; HOUSTON, TX 77210		

### Location of Release Source

Latitude 32.100158 Longitude -103.956102  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name	CORRAL FLY 2-1 STATE CTB	Site Type	
Date Release Discovered	1/19/22	API# (if applicable)	

Unit Letter	Section	Township	Range	County
K	26	25S	29E	EDDY CO

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 53BBLS	Volume Recovered (bbls) 30BBLS
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Manway hole on the separator

Form C-141

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	nAPP2202557399
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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.
Printed Name: <u>Wade Dittrich</u> Title: <u>Environmental Coordinator</u> Signature: _____ Date: <u>1-27-22</u> email: <u>wade_dittrich@oxy.com</u> Telephone: <u>(575) 390-2828</u>
<b><u>OCD Only</u></b> Received by: <u>Ramona Marcus</u> Date: <u>02/08/2022</u>

Location of spill: Corral Fly 2-1 State CTB

Date of Spill: 1/19/2022

Site Soil Type: ne Sand (Caliche)

Average Daily Production:            BBL Oil            BBL Water

Total Area Calculations						
Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	150 ft	X	200 ft	X	0 in	100%
Rectangle Area #2	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #3	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #4	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #5	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #6	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%

Porosity 0.16 gal per gal

**Saturated Soil Volume Calculations:**

		<u>H2O</u>	<u>OIL</u>	
Area #1	30000 sq. ft.	cu. ft.	800	cu. ft.
Area #2	0 sq. ft.	cu. ft.		cu. ft.
Area #3	0 sq. ft.	cu. ft.		cu. ft.
Area #4	0 sq. ft.	cu. ft.		cu. ft.
Area #5	0 sq. ft.	cu. ft.		cu. ft.
Area #6	0 sq. ft.	cu. ft.		cu. ft.
Area #7	0 sq. ft.	cu. ft.		cu. ft.
Area #8	0 sq. ft.	cu. ft.		cu. ft.
Total Solid/Liquid Volume:	<b>30,000 sq. ft.</b>	<b>cu. ft.</b>	<b>800</b>	<b>cu. ft.</b>

**Estimated Volumes Spilled**

	<u>H2O</u>	<u>OIL</u>	
Liquid in Soil:	0.0 BBL	22.8	BBL
Liquid Recovered :	0.0 BBL	30.0	BBL
Spill Liquid	0.0 BBL	52.8	BBL
Total Spill Liquid:		<u>52.8</u>	

**Recovered Volumes**

Estimated oil recovered: **30.0 BBL**  
 Estimated water recovered: **0.0 BBL**

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravelly Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
 Action 76650

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 76650
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rmarcus	None	2/8/2022

Eddy County, New Mexico  
 Latitude 32°09'56", Longitude 103°57'43" NAD27  
 Land-surface elevation 3,000 feet above NAVD88  
 The depth of the well is 140 feet below land surface.  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Rustler Formation (312RSLR) local aquifer.

**Output formats**

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

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1958-10-23		D	62610		2900.31	NGVD29	1	Z			A
1958-10-23		D	62611		2901.90	NAVD88	1	Z			A
1958-10-23		D	72019	98.10			1	Z			A



## APPENDIX C

### Photographic Log

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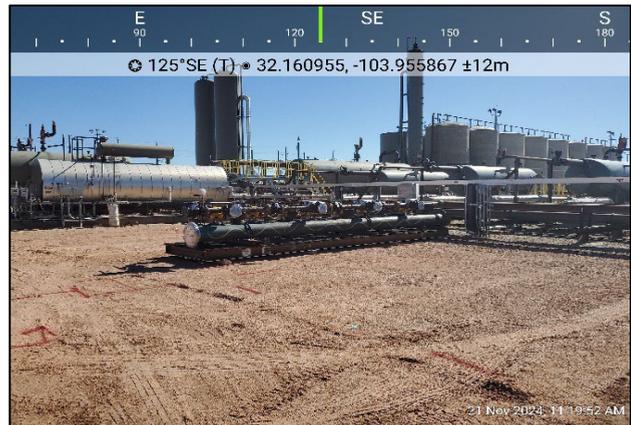
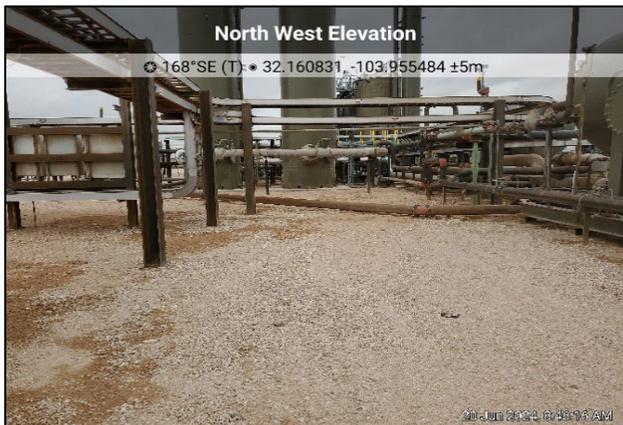


**Photographic Log**  
Oxy USA, Inc  
Corral Fly 2-1 State CTB  
Incident Number nAPP2202557399



Photograph: 1 Date: 6/20/2024  
Description: Soil staining in release footprint  
View: North

Photograph: 2 Date: 6/20/2024  
Description: Soil staining in release footprint  
View: Southwest



Photograph: 3 Date: 6/20/2024  
Description: Soil staining in release footprint  
View: Northwest

Photograph: 4 Date: 11/21/2024  
Description: Excavation activities  
View: Southeast



APPENDIX D

Table

**TABLE 1**  
**DELINEATION SOIL SAMPLE ANALYTICAL RESULTS**  
**Corral Fly 2-1 State CTB**  
 Oxy USA, Inc.  
 Eddy County, New Mexico  
 Ensolum Project No. 03B1417191

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO C <sub>6</sub> -C <sub>12</sub> (mg/kg)	TPH DRO >C <sub>12</sub> -C <sub>28</sub> (mg/kg)	TPH MRO >C <sub>28</sub> -C <sub>35</sub> (mg/kg)	TPH Total C <sub>6</sub> -C <sub>35</sub> (mg/kg)	Chloride (mg/kg)
<b>New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release</b>			<b>10</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Sample Analytical Results</b>												
DS01	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
DS02	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
DS03	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<b>336</b>
DS04	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<b>320</b>
DS05	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>28.5</b>	<b>10.2</b>	<b>38.7</b>	<b>288</b>
DS06	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>1,060</b>	<b>482</b>	<b>1,542</b>	<b>688</b>
DS07	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>1,470</b>	<b>428</b>	<b>1,898</b>	<b>864</b>
DS08	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>6,860</b>	<b>1,640</b>	<b>8,500</b>	<b>80.0</b>
DS09	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>192</b>	<b>69.8</b>	<b>262</b>	<b>80.0</b>
DS10	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<b>48.0</b>

Concentrations in **bold** and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release

represents samples that have been excavated

- NS: Not Sampled
- bgs: below ground surface
- mg/kg: milligrams per kilogram
- NE: Not Established
- mg/kg: milligrams per kilogram
- BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
- GRO: Gasoline Range Organics
- DRO: Diesel Range Organics
- MRO: Motor Oil/Lube Oil Range Organics
- TPH: Total Petroleum Hydrocarbons



**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**Corral Fly 2-1 State CTB**  
 Oxy USA, Inc.  
 Eddy County, New Mexico  
 Ensolum Project No. 03B1417191

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO C <sub>6</sub> -C <sub>12</sub> (mg/kg)	TPH DRO >C <sub>12</sub> -C <sub>28</sub> (mg/kg)	TPH MRO >C <sub>28</sub> -C <sub>35</sub> (mg/kg)	TPH GRO+DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	TPH Total C <sub>6</sub> -C <sub>35</sub> (mg/kg)	Chloride (mg/kg)
<b>New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release</b>			<b>10</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>Confirmation Soil Sample Analytical Results</b>													
CS 01	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
CS 02	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
CS 03	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
CS 04	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>48.0</b>
CS 05	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
CS 06	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>16.0</b>
CS 07	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>13.7</b>	<10.0	<b>13.7</b>	<b>13.7</b>	<b>48.0</b>
CS 08	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>80.0</b>
CS 09	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
CS 10	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>11.3</b>	<10.0	<b>11.3</b>	<b>11.3</b>	<b>64.0</b>
CS 11	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>1,100</b>
CS 12	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>11.2</b>	<10.0	<b>11.2</b>	<b>11.2</b>	<b>928</b>
CS 13	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>33.6</b>	<10.0	<b>33.6</b>	<b>33.6</b>	<b>480</b>
CS 14	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>160</b>
CS 15	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>11.9</b>	<10.0	<b>11.9</b>	<b>11.9</b>	<b>576</b>
CS 16	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>
CS 17	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>
CS 18	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>
CS 19	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>12.0</b>	<10.0	<b>12.0</b>	<b>12.0</b>	<b>32.0</b>
CS 20	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>59.7</b>	<b>18.0</b>	<b>59.7</b>	<b>77.7</b>	<16.0
CS 21	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>48.0</b>
CS 22	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>
CS 23	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>
CS 24	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>96.0</b>
CS 25	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>112</b>
CS 26	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>48.0</b>
CS 27	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>
CS 28	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>12.9</b>	<10.0	<b>12.9</b>	<b>12.9</b>	<b>80.0</b>
CS 29	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>21.8</b>	<10.0	<b>21.8</b>	<b>21.8</b>	<16.0
CS 30	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>61.4</b>	<10.0	<b>61.4</b>	<b>61.4</b>	<b>64.0</b>

**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**Corral Fly 2-1 State CTB**  
 Oxy USA, Inc.  
 Eddy County, New Mexico  
 Ensolum Project No. 03B1417191

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO C <sub>6</sub> -C <sub>12</sub> (mg/kg)	TPH DRO >C <sub>12</sub> -C <sub>28</sub> (mg/kg)	TPH MRO >C <sub>28</sub> -C <sub>35</sub> (mg/kg)	TPH GRO+DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	TPH Total C <sub>6</sub> -C <sub>35</sub> (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release			10	NE	NE	NE	50	NE	NE	NE	1,000	2,500	20,000
CS 31	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.4	<10.0	25.4	25.4	96.0
CS 32	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS 33	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.0	<10.0	11.0	11.0	64.0
CS 34	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS 35	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS 36	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS 37	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	154	462	154	616	96.0
CS 38	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.5	15.4	28.5	43.9	64.0
CS 39	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	64.2	<10.0	64.2	64.2	1,660
CS 40	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.8	<10.0	28.8	28.8	576
CS 41	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,480
CS 42	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	656	136	656	792	4,480
CS 43	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.3	<10.0	12.3	12.3	1,120
CS 44	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	45.8	<10.0	45.8	45.8	2,200
CS 45	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,520
CS 46	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	99.9	15.8	99.9	116	2,840
CS 47	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	52.8	<10.0	52.8	52.8	128
CS 48	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	53.4	<10.0	53.4	53.4	80.0
CS 49	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS 50	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS 51	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.1	<10.0	47.1	47.1	48.0
CS 52	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS 53	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.4	<10.0	14.4	14.4	32.0
CS 54	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	119	17.3	119	136.3	48.0
CS 55	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	100	13.2	100	113.2	48.0
CS 56	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS 57	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	90.8	31.6	90.8	122.4	64.0
CS 58	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,110	522	2,110	2,632	256
CS 59	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	630	159	630	789	2,060
CS 60	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	239	45.9	239	285	224
CS 61	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,950	708	1,950	2,658	464

**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**Corral Fly 2-1 State CTB**  
 Oxy USA, Inc.  
 Eddy County, New Mexico  
 Ensolum Project No. 03B1417191

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO C <sub>6</sub> -C <sub>12</sub> (mg/kg)	TPH DRO >C <sub>12</sub> -C <sub>28</sub> (mg/kg)	TPH MRO >C <sub>28</sub> -C <sub>35</sub> (mg/kg)	TPH GRO+DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	TPH Total C <sub>6</sub> -C <sub>35</sub> (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release			10	NE	NE	NE	50	NE	NE	NE	1,000	2,500	20,000
CS 62	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	143	55.9	143	198.9	736
CS 63	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672
CS 64	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	105	31.9	105	136.9	96.0
CS 65	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	133	41.3	133	174.3	256
CS 66	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.9	<10.0	30.9	30.9	64.0
CS 67	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS 68	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,920	630	1,920	2,550	144
CS 69	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	800	203	800	1,003	3,880
CS 70	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	296	113	296	409	3,560
CS 71	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	168	41.8	168	209.8	384
CS 72	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS 73	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS 74	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS 75	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS 76	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS 77	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS 78	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS 79	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS 80	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	89.9	24.4	89.9	114	3,080
CS 81									NS				
CS 82	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,410	633	2,410	3,043	432
CS 83									NS				
CS 84									NS				
CS 85	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,050	695	2,050	2,745	64.0
CS 86									NS				
CS 87									NS				
CS 88									NS				
CS 89									NS				
CS 90									NS				
CS 91									NS				
CS 92	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**Corral Fly 2-1 State CTB**  
 Oxy USA, Inc.  
 Eddy County, New Mexico  
 Ensolum Project No. 03B1417191

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO C <sub>6</sub> -C <sub>12</sub> (mg/kg)	TPH DRO >C <sub>12</sub> -C <sub>28</sub> (mg/kg)	TPH MRO >C <sub>28</sub> -C <sub>35</sub> (mg/kg)	TPH GRO+DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	TPH Total C <sub>6</sub> -C <sub>35</sub> (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release			10	NE	NE	NE	50	NE	NE	NE	1,000	2,500	20,000
CS 93	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,520
CS 94	NS												
CS 95	NS												
CS 96	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	128	15.3	128	143	96.0
CS 97	NS												
CS 98	NS												
CS 99	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	6,230	1,750	6,230	7,980	304
CS 100	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	3,430	997	3,430	4,427	256
CS 101	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	276	97.1	276	373	560
CS 102	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	334	116	334	450	960
CS 103	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS 104	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS 105	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS 106	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576

Concentrations in **bold** and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release

represents samples that have been excavated

NS: Not Sampled

bgs: below ground surface

mg/kg: milligrams per kilogram

NE: Not Established

mg/kg: milligrams per kilogram

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbons



## APPENDIX E

# Laboratory Analytical Reports & Chain-of-Custody Documentation

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

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June 27, 2024

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

RE: CORRAL FLY 2-1 STATE CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/20/24 12:37.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	06/20/2024	Sampling Date:	06/20/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: SS 01 0.25 (H243649-01)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2024	ND	1.83	91.4	2.00	15.4		
<b>Toluene*</b>	<b>0.467</b>	0.050	06/25/2024	ND	1.84	91.9	2.00	9.36	GC-NC1	
<b>Ethylbenzene*</b>	<b>0.582</b>	0.050	06/25/2024	ND	1.98	98.9	2.00	6.72	GC-NC1	
<b>Total Xylenes*</b>	<b>9.12</b>	0.150	06/25/2024	ND	5.85	97.5	6.00	6.15	GC-NC1	
<b>Total BTEX</b>	<b>10.2</b>	0.300	06/25/2024	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 177 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>192</b>	16.0	06/24/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>556</b>	50.0	06/25/2024	ND	181	90.4	200	2.70		
<b>DRO &gt;C10-C28*</b>	<b>16000</b>	50.0	06/25/2024	ND	183	91.3	200	2.38		
<b>EXT DRO &gt;C28-C36</b>	<b>2850</b>	50.0	06/25/2024	ND						

Surrogate: 1-Chlorooctane 307 % 48.2-134

Surrogate: 1-Chlorooctadecane 365 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	06/20/2024	Sampling Date:	06/20/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: SS 02 0.25 (H243649-02)**

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	06/25/2024	ND	1.83	91.4	2.00	15.4		
Toluene*	<0.050	0.050	06/25/2024	ND	1.84	91.9	2.00	9.36		
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.98	98.9	2.00	6.72		
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.85	97.5	6.00	6.15		
Total BTEX	<0.300	0.300	06/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>496</b>	16.0	06/24/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	181	90.4	200	2.70		
<b>DRO &gt;C10-C28*</b>	<b>1140</b>	10.0	06/24/2024	ND	183	91.3	200	2.38		
<b>EXT DRO &gt;C28-C36</b>	<b>315</b>	10.0	06/24/2024	ND						

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	06/20/2024	Sampling Date:	06/20/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: SS 03 0.25 (H243649-03)**

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	06/25/2024	ND	1.83	91.4	2.00	15.4		
Toluene*	<0.050	0.050	06/25/2024	ND	1.84	91.9	2.00	9.36		
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.98	98.9	2.00	6.72		
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.85	97.5	6.00	6.15		
Total BTEX	<0.300	0.300	06/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>3360</b>	16.0	06/24/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	194	97.2	200	4.04		
<b>DRO &gt;C10-C28*</b>	<b>2960</b>	10.0	06/24/2024	ND	207	104	200	4.70	QM-07, QR-03	
<b>EXT DRO &gt;C28-C36</b>	<b>1540</b>	10.0	06/24/2024	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	06/20/2024	Sampling Date:	06/20/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: SS 04 0.25 (H243649-04)**

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	06/25/2024	ND	1.83	91.4	2.00	15.4		
Toluene*	<0.050	0.050	06/25/2024	ND	1.84	91.9	2.00	9.36		
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.98	98.9	2.00	6.72		
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.85	97.5	6.00	6.15		
Total BTEX	<0.300	0.300	06/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>976</b>	16.0	06/24/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	194	97.2	200	4.04		
<b>DRO &gt;C10-C28*</b>	<b>124</b>	10.0	06/24/2024	ND	207	104	200	4.70		
<b>EXT DRO &gt;C28-C36</b>	<b>62.8</b>	10.0	06/24/2024	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	06/20/2024	Sampling Date:	06/20/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: SS 05 0.25 (H243649-05)**

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	06/25/2024	ND	1.83	91.4	2.00	15.4		
Toluene*	<0.050	0.050	06/25/2024	ND	1.84	91.9	2.00	9.36		
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.98	98.9	2.00	6.72		
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.85	97.5	6.00	6.15		
Total BTEX	<0.300	0.300	06/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>3280</b>	16.0	06/24/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	194	97.2	200	4.04		
<b>DRO &gt;C10-C28*</b>	<b>205</b>	10.0	06/24/2024	ND	207	104	200	4.70		
<b>EXT DRO &gt;C28-C36</b>	<b>131</b>	10.0	06/24/2024	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	06/20/2024	Sampling Date:	06/20/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: SS 06 0.25 (H243649-06)**

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	06/25/2024	ND	1.83	91.4	2.00	15.4		
Toluene*	<0.050	0.050	06/25/2024	ND	1.84	91.9	2.00	9.36		
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.98	98.9	2.00	6.72		
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.85	97.5	6.00	6.15		
Total BTEX	<0.300	0.300	06/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	06/24/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	194	97.2	200	4.04		
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	207	104	200	4.70		
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND						

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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

Cardinal Laboratories

\*=Accredited Analyte

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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

**BILL TO**

**ANALYSIS REQUEST**

**Company Name:** Ensolum, LLC  
**Project Manager:** Beaux Jennings  
**Address:** 601 N. Marland St. STE 400  
**City:** Midland **State:** TX **Zip:** 79701  
**Phone #:** 210-219-8858 **Fax #:**  
**Project #:** 03314191 **Project Owner:**  
**Project Name:** GYRAL ELY 2-1 State CTB  
**Project Location:**  
**Sampler Name:** KASIN Swinade  
**FOR LAB USE ONLY**  
**P.O. #:**  
**Company:** Oxy USA, Inc.  
**Attn:** Wade Dittich  
**Address:**  
**City:**  
**State:** **Zip:**  
**Phone #:** 575-390-2828  
**Fax #:**

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
1443049	5501	0.25	C	1						6-20-24	8:43	DT#X	
	5502	1	C	1							8:52	TPH	
	5503	1	C	1							8:56	Chloride 4500	
	5504	1	C	1							9:14		
	5505	1	C	1							9:04		

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**Relinquished By:** Kasin Swinade  
**Date:** 1/20/24  
**Time:** 1:37  
**Received By:** Steedrigue  
**Date:** 1/23/24  
**Time:**

**Delivered By:** (Circle One)  UPS  Bus  Other  
**Observed Temp. °C:** 1.22  
**Corrected Temp. °C:**  
**Sample Condition:** Cool Intact  Yes  No  
**Checked By:** (Initials) [Signature]  
**Turnaround Time:** Standard  Rush   
**Thermometer ID #49** **Standard**  **Rush**   
**Correction Factor -0.5°C** **#40**  
**Bacteria (only) Sample Condition:** Cool Intact  Yes  No  Observed Temp. °C  Corrected Temp. °C



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

---

August 13, 2024

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

RE: CORRAL FLY 2-1 STATE CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/07/24 14:53.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 01 0.5' (H244763-01)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/09/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	231	116	200	1.37	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 02 0.5' (H244763-02)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/09/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	231	116	200	1.37	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 03 0.5' (H244763-03)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/09/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	231	116	200	1.37	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 04 0.5' (H244763-04)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/09/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	231	116	200	1.37	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 05 0.5' (H244763-05)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	16.0	08/09/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	231	116	200	1.37	
<b>DRO &gt;C10-C28*</b>	<b>28.5</b>	10.0	08/08/2024	ND	210	105	200	6.93	
<b>EXT DRO &gt;C28-C36</b>	<b>10.2</b>	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 06 0.5' (H244763-06)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>688</b>	16.0	08/09/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
<b>DRO &gt;C10-C28*</b>	<b>1060</b>	10.0	08/08/2024	ND	210	105	200	0.283	QR-03
<b>EXT DRO &gt;C28-C36</b>	<b>482</b>	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 61.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 07 0.5' (H244763-07)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>864</b>	16.0	08/09/2024	ND	416	104	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
<b>DRO &gt;C10-C28*</b>	<b>1470</b>	10.0	08/08/2024	ND	210	105	200	0.283	
<b>EXT DRO &gt;C28-C36</b>	<b>428</b>	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 63.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 08 0.5' (H244763-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54		
<b>DRO &gt;C10-C28*</b>	<b>6860</b>	10.0	08/08/2024	ND	210	105	200	0.283		
<b>EXT DRO &gt;C28-C36</b>	<b>1640</b>	10.0	08/08/2024	ND						

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 173 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 09 0.5' (H244763-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
<b>DRO &gt;C10-C28*</b>	<b>192</b>	10.0	08/08/2024	ND	210	105	200	0.283	
<b>EXT DRO &gt;C28-C36</b>	<b>69.8</b>	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/07/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: DS 10 0.5' (H244763-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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





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August 13, 2024

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

RE: CORRAL FLY 2-1 STATE CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/07/24 14:53.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 01 1 (H244764-01)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1890	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 02 1 (H244764-05)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/09/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 03 2 (H244764-07)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 67.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 04 2 (H244764-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 05 2 (H244764-13)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 67.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 06 1 (H244764-16)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 07 1 (H244764-20)**

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	08/08/2024	ND	2.40	120	2.00	2.14		
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53		
Total BTEX	<0.300	0.300	08/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	08/09/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54		
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283		
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND						

Surrogate: 1-Chlorooctane 64.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 08 1 (H244764-24)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 09 4 (H244764-28)**

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	08/08/2024	ND	2.40	120	2.00	2.14	
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53	
Total BTEX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/09/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	08/07/2024	Sampling Date:	08/06/2024
Reported:	08/13/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY		

**Sample ID: PH 10 4 (H244764-29)**

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	08/08/2024	ND	2.40	120	2.00	3.52		
Toluene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	7.43		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.46	123	2.00	8.17		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.40	123	6.00	7.78		
Total BTEX	<0.300	0.300	08/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/09/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	222	111	200	1.54		
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	0.283		
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND						

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

1/3

Project Manager: Beaux Jennings  
 Address: 601 N. Marland St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: (210)219-9868  
 Project #: 03B1417191  
 Project Name: Corral Fly 2-1 State CTB  
 Project Location:  
 Sampler Name: Kaoru Shimada  
 P.O. #:   
 Company: OXY USA  
 Attn: Wade Dittrich  
 Address:  
 City:  
 State:  
 Zip:

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST							
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:			ACID/BASE:	ICE / COOL	OTHER:	BTEX 8021B	TPH 8015M	Chloride 4500	Hold	
H247104	PH01	1	G	1							8-6-24	947	X	X	X	X				
	PH01	2	G	1							8-6-24	957	X	X	X	X				
	PH01	3	G	1							8-6-24	1001	X	X	X	X				
	PH01	4	G	1							8-6-24	1024	X	X	X	X				
	PH02	1	G	1							8-6-24	1039	X	X	X	X				
	PH02	2	G	1							8-6-24	1043	X	X	X	X				
	PH03	2	G	1							8-6-24	1157	X	X	X	X				
	PH03	3	G	1							8-6-24	1201	X	X	X	X				
	PH03	4	G	1							8-6-24	1205	X	X	X	X				

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Relinquished By: Kaoru Shimada  
 Date: 8-6-24  
 Time: 1453  
 Received By: Shackenzie  
 Date: 8-6-24  
 Time: 1453

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other:  
 Observed Temp. °C: 8.9  
 Corrected Temp. °C: 8.9  
 Sample Condition: Good  
 Cool Impact: No  
 CHECKED BY: SR  
 (Initials)

REMARKS: All samples are PH##

Thermometer ID: #140  
 Correction Factor: -0.0  
 Standard: Yes  
 Observed Temp. °C: 8.9  
 Corrected Temp. °C: 8.9

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

FORM-006 R 3.2 10/07/21



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/13

Project Manager: Beaux Jennings  
Address: 601 N. Marientfield St. STE 400  
City: Midland State: TX Zip: 79701  
Phone #: (210)219-8858 Email: bjennings@ensolum.com

P.O. #: Company: OXY USA  
Attn: Wade Dittrich  
Address: City: State: Zip:

ANALYSIS REQUEST

Project #: 03BH12191 Project Owner:  
Project Location: Carroll Hwy 2-1 State CTB  
Sampler Name: Kaoru Shimada  
FOR LAB USE ONLY

Phone #: Email:

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX 8021B	TPH 8015M	Chloride 4500	Hold
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:						
10	PH04	2	G	1	X							8-6-24	1211	X	X	X	
11	PH04	3	G	1	X							8-6-24	1217	X	X	X	
12	PH04	4	G	1	X							8-6-24	1214	X	X	X	
13	PH05	2	G	1	X							8-6-24	1221	X	X	X	
14	PH05	3	G	1	X							8-6-24	1223	X	X	X	
15	PH05	4	G	1	X							8-6-24	1224	X	X	X	
16	PH06	1	G	1	X							8-6-24	1450	X	X	X	
17	PH06	2	G	1	X							8-6-24	1451	X	X	X	
18	PH06	3	G	1	X							8-6-24	1452	X	X	X	
19	PH06	4	G	1	X							8-6-24	1454	X	X	X	

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Relinquished By: Kaoru Shimada  
Date: 8-7-24  
Time: 1453

Received By: Spectroignity  
Date: 8-6-24  
Time: 1454

Received By: Spectroignity

Verbal Result:  Yes  No  
All Results are emailed. Please provide Email address: bjennings@ensolum.com, smackenzie@ensolum.com  
REMARKS: Paykey/AE/NonAFE: fill samples are PH###

Turnaround Time: Standard  Beaters (only Sample Condition)  
Rush  Cool  Heat   
Thermometer ID: #140  
Correction Factor: -0.02C  
Add'l Phone #:  Yes  No  Yes  No

Delivered By: (Circle One)  
Sampler - UPS - Bus - Other:  
FORM-006 R.3.2 10/07/21

Observed Temp. °C: 2.9  
Corrected Temp. °C: 2.3  
Sample Condition: Cool  Intact   
Checked By: SR

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



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

3/3

**BILL TO**

**ANALYSIS REQUEST**

Project Manager: **Beaux Jennings**  
 Address: 601 N. Marland St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: (210)219-8858  
 Project #: 03B1417191 Email: [bjennings@ensolum.com](mailto:bjennings@ensolum.com)  
 Project Name: Corral Fly 2-1 State CTB Project Owner:  
 Project Location: State: Zip:  
 Sampler Name: Kaoru Shimada Phone #: Email:  
 P.O. #: Company: OXY USA  
 Attn: Wade Dietrich Address:  
 City: State: Zip: Email:

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	BTEX 8021B	TPH 8015M	Chloride 4500	Hold
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
H241111	PH02	1	G	1								8-6-24	1439	X	X	X		
	PH03	2	G	1									1442	X	X	X		
	PH04	3	G	1									1443	X	X	X		
	PH05	4	G	1									1444	X	X	X		
	PH06	1	G	1									1500	X	X	X		
	PH07	2	G	1									1501	X	X	X		
	PH08	3	G	1									1503	X	X	X		
	PH09	4	G	1									1505	X	X	X		
	PH10	4	G	1									1327	X	X	X		
													8-6-24	X	X	X		
													1253	X	X	X		

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Relinquished By: 8-7-24 Received By: Specimens  
 Date: 1/15/25  
 Time: 1453  
 Observed Temp. °C: 2.9i Corrected Temp. °C: 2.3i  
 Sample Condition: Cool  Intact   
 Checked By: SR  
 Turnaround Time:  Standard  Rush  Cool  Intact  Observed Temp. °C: 2.9i  
 Thermometer ID: #140 Correction Factor: -0.0i  
 Verbal Result:  Yes  No  
 All Results are emailed. Please provide Email address: bjennings@ensolum.com; smackenzie@ensolum.com  
 REMARKS: Paykey/AFFENomAFE  
 Add'l Phone #:   
 Delivered By: (Circle One) Sampler - UPS - Bus - Other:   
 FORM-006 R 3.2 10/07/21

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



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

November 25, 2024

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

RE: CORRAL FLY 2-1 STATE CTB

Enclosed are the results of analyses for samples received by the laboratory on 11/19/24 14:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 01 0.25 (H247048-01)**

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	11/20/2024	ND	2.10	105	2.00	3.27	
Toluene*	<0.050	0.050	11/20/2024	ND	2.17	108	2.00	2.42	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.07	104	2.00	3.33	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.64	111	6.00	2.48	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/21/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 02 0.25 (H247048-02)**

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	11/20/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/20/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/21/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 03 0.25 (H247048-03)**

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	11/20/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/20/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	11/21/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 04 0.25 (H247048-04)**

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	11/20/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/20/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	11/21/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 05 0.25 (H247048-05)**

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	11/20/2024	ND	2.10	105	2.00	3.27	
Toluene*	<0.050	0.050	11/20/2024	ND	2.17	108	2.00	2.42	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.07	104	2.00	3.33	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.64	111	6.00	2.48	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	11/21/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 06 0.25 (H247048-06)**

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	11/20/2024	ND	2.10	105	2.00	3.27	
Toluene*	<0.050	0.050	11/20/2024	ND	2.17	108	2.00	2.42	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.07	104	2.00	3.33	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.64	111	6.00	2.48	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/21/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 07 0.25 (H247048-07)**

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	11/20/2024	ND	2.10	105	2.00	3.27	
Toluene*	<0.050	0.050	11/20/2024	ND	2.17	108	2.00	2.42	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.07	104	2.00	3.33	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.64	111	6.00	2.48	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	11/21/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11	
<b>DRO &gt;C10-C28*</b>	<b>13.7</b>	10.0	11/20/2024	ND	203	102	200	0.428	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 08 0.25 (H247048-08)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/20/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/21/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 09 0.25 (H247048-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.10	105	2.00	3.27	
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/21/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 10 0.25 (H247048-10)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/21/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
<b>DRO &gt;C10-C28*</b>	<b>11.3</b>	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 11 0.25 (H247048-11)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	11/21/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 12 0.25 (H247048-12)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>928</b>	16.0	11/21/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
<b>DRO &gt;C10-C28*</b>	<b>11.2</b>	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 13 0.25 (H247048-13)**

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	11/21/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>480</b>	16.0	11/21/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
<b>DRO &gt;C10-C28*</b>	<b>33.6</b>	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 14 0.25 (H247048-14)**

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	11/21/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/21/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 15 0.25 (H247048-15)**

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	11/21/2024	ND	2.10	105	2.00	3.27	
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>576</b>	16.0	11/21/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11	
<b>DRO &gt;C10-C28*</b>	<b>11.9</b>	10.0	11/20/2024	ND	203	102	200	0.428	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 16 0.25 (H247048-16)**

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	11/21/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 17 0.25 (H247048-17)**

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	11/21/2024	ND	2.10	105	2.00	3.27	
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	11/20/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 18 0.25 (H247048-18)**

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	11/21/2024	ND	2.10	105	2.00	3.27	
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/20/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	203	102	200	0.428	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 19 0.25 (H247048-19)**

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	11/21/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
<b>DRO &gt;C10-C28*</b>	<b>12.0</b>	10.0	11/20/2024	ND	203	102	200	0.428		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 20 0.25 (H247048-20)**

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	11/21/2024	ND	2.10	105	2.00	3.27		
Toluene*	<0.050	0.050	11/21/2024	ND	2.17	108	2.00	2.42		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.07	104	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.64	111	6.00	2.48		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	1.11		
<b>DRO &gt;C10-C28*</b>	<b>59.7</b>	10.0	11/20/2024	ND	203	102	200	0.428		
<b>EXT DRO &gt;C28-C36</b>	<b>18.0</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 21 0.25 (H247048-21)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 22 0.25 (H247048-22)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 23 0.25 (H247048-23)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74	
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/20/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 24 0.25 (H247048-24)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 25 0.25 (H247048-25)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>112</b>	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 26 0.25 (H247048-26)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74	
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	11/20/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 27 0.25 (H247048-27)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 28 0.25 (H247048-28)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74	
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	11/20/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51	
<b>DRO &gt;C10-C28*</b>	<b>12.9</b>	10.0	11/20/2024	ND	205	103	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 29 0.25 (H247048-29)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
<b>DRO &gt;C10-C28*</b>	<b>21.8</b>	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 30 0.25 (H247048-30)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
<b>DRO &gt;C10-C28*</b>	<b>61.4</b>	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 31 0.25 (H247048-31)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>96.0</b>	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
<b>DRO &gt;C10-C28*</b>	<b>25.4</b>	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 32 0.25 (H247048-32)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 33 0.25 (H247048-33)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
<b>DRO &gt;C10-C28*</b>	<b>11.0</b>	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 34 0.25 (H247048-34)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 35 0.25 (H247048-35)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/20/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 36 0.25 (H247048-36)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74	
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	11/21/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	205	103	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 37 0.25 (H247048-37)**

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	11/20/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/20/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>96.0</b>	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
<b>DRO &gt;C10-C28*</b>	<b>154</b>	10.0	11/20/2024	ND	205	103	200	2.85		
<b>EXT DRO &gt;C28-C36</b>	<b>462</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 38 0.25 (H247048-38)**

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	11/21/2024	ND	1.92	95.9	2.00	2.74		
Toluene*	<0.050	0.050	11/21/2024	ND	1.97	98.6	2.00	3.05		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.9	2.00	3.24		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	3.13		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51		
<b>DRO &gt;C10-C28*</b>	<b>28.5</b>	10.0	11/20/2024	ND	205	103	200	2.85		
<b>EXT DRO &gt;C28-C36</b>	<b>15.4</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 39 0.25 (H247048-39)**

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	11/21/2024	ND	1.92	95.9	2.00	2.74	
Toluene*	<0.050	0.050	11/21/2024	ND	1.97	98.6	2.00	3.05	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.9	2.00	3.24	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	3.13	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1660</b>	16.0	11/21/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51	
<b>DRO &gt;C10-C28*</b>	<b>64.2</b>	10.0	11/20/2024	ND	205	103	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 40 0.25 (H247048-40)**

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	11/21/2024	ND	1.92	95.9	2.00	2.74	
Toluene*	<0.050	0.050	11/21/2024	ND	1.97	98.6	2.00	3.05	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.9	2.00	3.24	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	3.13	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>576</b>	16.0	11/21/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	223	112	200	2.51	
<b>DRO &gt;C10-C28*</b>	<b>28.8</b>	10.0	11/20/2024	ND	205	103	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 41 0.25 (H247048-41)**

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	11/20/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/20/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3480	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	202	101	200	5.94		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 42 0.25 (H247048-42)**

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	11/20/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/20/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>4480</b>	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
<b>DRO &gt;C10-C28*</b>	<b>656</b>	10.0	11/20/2024	ND	202	101	200	5.94		
<b>EXT DRO &gt;C28-C36</b>	<b>136</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 43 0.25 (H247048-43)**

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	11/20/2024	ND	2.03	101	2.00	6.27	
Toluene*	<0.050	0.050	11/20/2024	ND	1.93	96.5	2.00	7.18	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.03	101	2.00	9.10	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.07	101	6.00	11.0	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1120</b>	16.0	11/21/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80	
<b>DRO &gt;C10-C28*</b>	<b>12.3</b>	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 44 0.25 (H247048-44)**

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	11/20/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/20/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>2200</b>	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
<b>DRO &gt;C10-C28*</b>	<b>45.8</b>	10.0	11/20/2024	ND	202	101	200	5.94		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 45 0.25 (H247048-45)**

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	11/21/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	202	101	200	5.94		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 46 0.25 (H247048-46)**

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	11/21/2024	ND	2.03	101	2.00	6.27	
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2840</b>	16.0	11/21/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80	
<b>DRO &gt;C10-C28*</b>	<b>99.9</b>	10.0	11/20/2024	ND	202	101	200	5.94	
<b>EXT DRO &gt;C28-C36</b>	<b>15.8</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 47 0.25 (H247048-47)**

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	11/21/2024	ND	2.03	101	2.00	6.27	
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	11/21/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80	
<b>DRO &gt;C10-C28*</b>	<b>52.8</b>	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 48 0.25 (H247048-48)**

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	11/21/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>80.0</b>	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
<b>DRO &gt;C10-C28*</b>	<b>53.4</b>	10.0	11/20/2024	ND	202	101	200	5.94		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 49 0.25 (H247048-49)**

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	11/21/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	202	101	200	5.94		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 50 0.25 (H247048-50)**

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	11/21/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	202	101	200	5.94		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 51 0.25 (H247048-51)**

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	11/21/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
<b>DRO &gt;C10-C28*</b>	<b>47.1</b>	10.0	11/20/2024	ND	202	101	200	5.94		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 52 0.25 (H247048-52)**

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	11/21/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	202	101	200	5.94		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 53 0.25 (H247048-53)**

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	11/21/2024	ND	2.03	101	2.00	6.27	
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	11/21/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80	
<b>DRO &gt;C10-C28*</b>	<b>14.4</b>	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 54 0.25 (H247048-54)**

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	11/21/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	11/21/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
<b>DRO &gt;C10-C28*</b>	<b>119</b>	10.0	11/20/2024	ND	202	101	200	5.94		
<b>EXT DRO &gt;C28-C36</b>	<b>17.3</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 55 0.25 (H247048-55)**

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	11/21/2024	ND	2.03	101	2.00	6.27	
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	11/21/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80	
<b>DRO &gt;C10-C28*</b>	<b>100</b>	10.0	11/20/2024	ND	202	101	200	5.94	
<b>EXT DRO &gt;C28-C36</b>	<b>13.2</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 56 0.25 (H247048-56)**

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	11/21/2024	ND	2.03	101	2.00	6.27	
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/20/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 57 0.25 (H247048-57)**

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	11/21/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
<b>DRO &gt;C10-C28*</b>	<b>90.8</b>	10.0	11/20/2024	ND	202	101	200	5.94		
<b>EXT DRO &gt;C28-C36</b>	<b>31.6</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 58 0.25 (H247048-58)**

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	11/21/2024	ND	2.03	101	2.00	6.27	
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	11/20/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80	
<b>DRO &gt;C10-C28*</b>	<b>2110</b>	10.0	11/20/2024	ND	202	101	200	5.94	
<b>EXT DRO &gt;C28-C36</b>	<b>522</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 59 0.25 (H247048-59)**

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	11/21/2024	ND	2.03	101	2.00	6.27	
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2060</b>	16.0	11/20/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80	
<b>DRO &gt;C10-C28*</b>	<b>630</b>	10.0	11/20/2024	ND	202	101	200	5.94	
<b>EXT DRO &gt;C28-C36</b>	<b>159</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 60 0.25 (H247048-60)**

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	11/21/2024	ND	2.03	101	2.00	6.27		
Toluene*	<0.050	0.050	11/21/2024	ND	1.93	96.5	2.00	7.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.03	101	2.00	9.10		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.07	101	6.00	11.0		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>224</b>	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.80		
<b>DRO &gt;C10-C28*</b>	<b>239</b>	10.0	11/20/2024	ND	202	101	200	5.94		
<b>EXT DRO &gt;C28-C36</b>	<b>45.9</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 61 0.25 (H247048-61)**

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	11/20/2024	ND	2.31	116	2.00	15.2	
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>464</b>	16.0	11/20/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80	
<b>DRO &gt;C10-C28*</b>	<b>1950</b>	10.0	11/20/2024	ND	206	103	200	0.836	
<b>EXT DRO &gt;C28-C36</b>	<b>708</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 62 0.25 (H247048-62)**

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	11/20/2024	ND	2.31	116	2.00	15.2	
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>736</b>	16.0	11/20/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80	
<b>DRO &gt;C10-C28*</b>	<b>143</b>	10.0	11/20/2024	ND	206	103	200	0.836	
<b>EXT DRO &gt;C28-C36</b>	<b>55.9</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 63 0.25 (H247048-63)**

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	11/20/2024	ND	2.31	116	2.00	15.2	
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	11/20/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 64 0.25 (H247048-64)**

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	11/20/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>96.0</b>	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
<b>DRO &gt;C10-C28*</b>	<b>105</b>	10.0	11/20/2024	ND	206	103	200	0.836		
<b>EXT DRO &gt;C28-C36</b>	<b>31.9</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 65 0.25 (H247048-65)**

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	11/20/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>256</b>	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
<b>DRO &gt;C10-C28*</b>	<b>133</b>	10.0	11/20/2024	ND	206	103	200	0.836		
<b>EXT DRO &gt;C28-C36</b>	<b>41.3</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 66 0.25 (H247048-66)**

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	11/20/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
<b>DRO &gt;C10-C28*</b>	<b>30.9</b>	10.0	11/20/2024	ND	206	103	200	0.836		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 67 0.25 (H247048-67)**

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	11/20/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>144</b>	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 68 0.25 (H247048-68)**

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	11/20/2024	ND	2.31	116	2.00	15.2	
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	11/20/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80	
<b>DRO &gt;C10-C28*</b>	<b>1920</b>	10.0	11/20/2024	ND	206	103	200	0.836	
<b>EXT DRO &gt;C28-C36</b>	<b>630</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 69 0.25 (H247048-69)**

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	11/20/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3880	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
DRO >C10-C28*	800	10.0	11/20/2024	ND	206	103	200	0.836		
EXT DRO >C28-C36	203	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 70 0.25 (H247048-70)**

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	11/20/2024	ND	2.31	116	2.00	15.2	
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3560</b>	16.0	11/20/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80	
<b>DRO &gt;C10-C28*</b>	<b>296</b>	10.0	11/20/2024	ND	206	103	200	0.836	
<b>EXT DRO &gt;C28-C36</b>	<b>113</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 71 0.25 (H247048-71)**

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	11/20/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>384</b>	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
<b>DRO &gt;C10-C28*</b>	<b>168</b>	10.0	11/20/2024	ND	206	103	200	0.836		
<b>EXT DRO &gt;C28-C36</b>	<b>41.8</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 72 0.25 (H247048-72)**

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	11/20/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 73 0.25 (H247048-73)**

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	11/20/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 74 0.25 (H247048-74)**

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	11/20/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/20/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 75 0.25 (H247048-75)**

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	11/21/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/21/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/20/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 76 0.25 (H247048-76)**

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	11/21/2024	ND	2.31	116	2.00	15.2	
Toluene*	<0.050	0.050	11/21/2024	ND	2.19	110	2.00	10.5	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.32	116	2.00	9.14	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	7.68	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 77 0.25 (H247048-77)**

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	11/21/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/21/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 78 0.25 (H247048-78)**

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	11/21/2024	ND	2.31	116	2.00	15.2	
Toluene*	<0.050	0.050	11/21/2024	ND	2.19	110	2.00	10.5	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.32	116	2.00	9.14	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	7.68	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 79 0.25 (H247048-79)**

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	11/21/2024	ND	2.31	116	2.00	15.2		
Toluene*	<0.050	0.050	11/21/2024	ND	2.19	110	2.00	10.5		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.32	116	2.00	9.14		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	7.68		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	206	103	200	0.836		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 80 0.25 (H247048-80)**

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	11/21/2024	ND	2.31	116	2.00	15.2	
Toluene*	<0.050	0.050	11/21/2024	ND	2.19	110	2.00	10.5	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.32	116	2.00	9.14	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.86	114	6.00	7.68	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3080</b>	16.0	11/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	224	112	200	1.80	
<b>DRO &gt;C10-C28*</b>	<b>89.9</b>	10.0	11/20/2024	ND	206	103	200	0.836	
<b>EXT DRO &gt;C28-C36</b>	<b>24.4</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 82 0.25 (H247048-81)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34	
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96	GC-NC
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	11/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49	
<b>DRO &gt;C10-C28*</b>	<b>2410</b>	10.0	11/20/2024	ND	199	99.3	200	0.296	
<b>EXT DRO &gt;C28-C36</b>	<b>633</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 85 0.25 (H247048-82)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34		
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49		
<b>DRO &gt;C10-C28*</b>	<b>2050</b>	10.0	11/20/2024	ND	199	99.3	200	0.296		
<b>EXT DRO &gt;C28-C36</b>	<b>695</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 92 0.25 (H247048-83)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34		
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	193	96.3	200	1.49		
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	199	99.3	200	0.296		
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 93 0.25 (H247048-84)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34		
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1520</b>	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	199	99.3	200	0.296		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 96 0.25 (H247048-85)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34	
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	11/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49	
<b>DRO &gt;C10-C28*</b>	<b>128</b>	10.0	11/20/2024	ND	199	99.3	200	0.296	
<b>EXT DRO &gt;C28-C36</b>	<b>15.3</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 99 0.25 (H247048-86)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34		
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82	GC-NC	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>304</b>	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49			
<b>DRO &gt;C10-C28*</b>	<b>6230</b>	10.0	11/20/2024	ND	199	99.3	200	0.296			
<b>EXT DRO &gt;C28-C36</b>	<b>1750</b>	10.0	11/20/2024	ND							

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 165 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 100 0.25 (H247048-87)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34		
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82	GC-NC	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>256</b>	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49		
<b>DRO &gt;C10-C28*</b>	<b>3430</b>	10.0	11/20/2024	ND	199	99.3	200	0.296		
<b>EXT DRO &gt;C28-C36</b>	<b>997</b>	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 101 0.25 (H247048-88)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34	
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>560</b>	16.0	11/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49	
<b>DRO &gt;C10-C28*</b>	<b>276</b>	10.0	11/20/2024	ND	199	99.3	200	0.296	
<b>EXT DRO &gt;C28-C36</b>	<b>97.1</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 102 0.25 (H247048-89)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34	
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>960</b>	16.0	11/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49	
<b>DRO &gt;C10-C28*</b>	<b>334</b>	10.0	11/20/2024	ND	199	99.3	200	0.296	
<b>EXT DRO &gt;C28-C36</b>	<b>116</b>	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 103 0.25 (H247048-90)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34	
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/21/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	199	99.3	200	0.296	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 104 0.25 (H247048-91)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34		
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	199	99.3	200	0.296		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 105 0.25 (H247048-92)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34		
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	199	99.3	200	0.296		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	11/19/2024	Sampling Date:	11/18/2024
Reported:	11/25/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY 2-1 STATE CTB	Sampling Condition:	Cool & Intact
Project Number:	03B1417191	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

**Sample ID: CS 106 0.25 (H247048-93)**

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	11/21/2024	ND	1.76	88.2	2.00	8.34		
Toluene*	<0.050	0.050	11/21/2024	ND	1.82	91.2	2.00	8.41		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.82	91.0	2.00	7.82		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.39	89.9	6.00	7.96		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	11/21/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	193	96.3	200	1.49		
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	199	99.3	200	0.296		
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND						

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- 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.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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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Handwritten signature of Mike Snyder

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC **BILL TO** ANALYSIS REQUEST

Project Manager: Samantha Mackenzie P.O. #: Company: Oxy USA, Inc.

Address: 601 N. Marientfield St. STE 400 Attn: Wade Dittrich

City: Midland State: TX Zip: 79701 Email: smackenzie@ensolum.com

Phone #: 703-357-3545 Project Owner: Address: City: State: Zip:

Project #: 03B1417191 Project Name: Corral Fly 2-1 State CTB

Project Location: Sampler Name: Kaoru Shimada / Nicolas Christakos

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE							
H217048	1 CS01	0.25	C 1	X	X											
	2 CS02	0.25	C 1	X	X											
	3 CS03	0.25	C 1	X	X											
	4 CS04	0.25	C 1	X	X											
	5 CS05	0.25	C 1	X	X											
	6 CS06	0.25	C 1	X	X											
	7 CS07	0.25	C 1	X	X											
	8 CS08	0.25	C 1	X	X											
	9 CS09	0.25	C 1	X	X											
	10 CS10	0.25	C 1	X	X											

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Relinquished By: *SK* Date: 1/19/24 Received By: *[Signature]* Date: 1/19/24

Delivered By: (Circle One)  UPS - Bus - Other:  Observed Temp. °C: 0.9 Corrected Temp. °C: 0.3

Sample Condition:  Cool  Intact  No  No

Checked By: *[Signature]* (Initials)

Turnaround Time:  Rush  Standard  Observed Temp. °C:  Yes  No  Yes  No

Thermometer ID: *#140* Correction Factor: *-0.2°C* *0.2°C* *11/19/24*

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC **BILL TO** ANALYSIS REQUEST

Project Manager: Samantha MacKenzie P.O. #: Company: Oxy USA, Inc.  
 Address: 601 N. Marland St. STE 400 Attn: Wade Dittrich  
 City: Midland State: TX Zip: 79701 Email: smackenzie@ensolum.com  
 Phone #: 703-357-3545 Project Owner: Address:  
 Project #: 03B1417191 Project Owner: City: State: Zip:  
 Project Name: Corral Fly 2-1 State CTB Phone #: (575) 390-2828  
 Project Location: Email: wade\_dittrich@oxy.com

Sampler Name: Kaoru Shinada / Nicolas Christakos

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE							
11	CS11	0.25	C 1	X												
12	CS12	0.25	C 1	X												
13	CS13	0.25	C 1	X												
14	CS14	0.25	C 1	X												
15	CS15	0.25	C 1	X												
16	CS16	0.25	C 1	X												
17	CS17	0.25	C 1	X												
18	CS18	0.25	C 1	X												
19	CS19	0.25	C 1	X												
20	CS20	0.25	C 1	X												

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Relinquished By: *[Signature]* Date: 11-19-24 Received By: *[Signature]* Date: 11-19-24

Delivered By: (Circle One)  UPS  Bus  Other: Observed Temp. °C: 0.9 Corrected Temp. °C: 0.5

Sample Condition:  Cool  Intact  No  No

Checked By: (Initials) *AD*

Thermometer ID # *RTS #140* Standard  Bacteria (only) Sample Condition  Yes  No

Correction Factor: *-0.1* °C *10/19/24*  Yes  No

Corrected Temp. °C:  Yes  No

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC

Project Manager: Samantha Mackenzie  
 Address: 601 N. Marland St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: 703-357-3545 Email: smackenzie@ensolum.com

Project #: 03B1417191 Project Owner: Corral Fly 2-1 State CTB  
 Project Name: Corral Fly 2-1 State CTB  
 Project Location: Kaoru Shimada / Nicolas Christakos

Company: Oxy USA, Inc.  
 Attn: Wade Dittrich  
 Address: City: State: Zip: (575) 390-2828  
 Email: wade\_dittrich@oxy.com

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE							
H27048	21	0.25	C 1	X									X	X	X	
	22	0.25	C 1	X									X	X	X	
	23	0.25	C 1	X									X	X	X	
	24	0.25	C 1	X									X	X	X	
	25	0.25	C 1	X									X	X	X	
	26	0.25	C 1	X									X	X	X	
	27	0.25	C 1	X									X	X	X	
	28	0.25	C 1	X									X	X	X	
	29	0.25	C 1	X									X	X	X	
	30	0.25	C 1	X									X	X	X	

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Relinquished By: [Signature] Date: 11-19-24 Time: 1405

Received By: [Signature] Date: 11-19-24 Time: 1405

Delivered By: (Circle One) UPS - Bus - Other: Observed Temp. °C: 0.9 Corrected Temp. °C: 0.3

Sample Condition: Cool Intact  No  No  No

Checked By: (Initials) [Signature]

Turnaround Time: Standard  Rush  Cool Intact  Bacteria (only) Sample Condition:  Yes  No

Thermometer ID: #447 #1410 Correction Factor: -0.5°C Date: 12.11.19/24

Remarks: Paykey/AE/NONAFE: Add'l Phone #: [Blank]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC  
 Project Manager: Samantha MacKenzie  
 Address: 601 N. Marrenfield St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: 703-357-3545 Email: smackenzie@ensolum.com  
 Project #: 03B1417191 Project Owner:  
 Project Name: Corral Fly 2-1 State CTB  
 Project Location:  
 Sampler Name: Kaoru Shinada / Nicolas Christakos  
 P.O. #: Company: Oxy USA, Inc.  
 Attn: Wade Dittrich  
 Address: City: State: Zip:  
 Phone #: (575) 390-2828  
 Email: wade\_dittrich@oxy.com

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H24048	31 CS31	0.25	C 1	X											
	32 CS32	0.25	C 1	X											
	33 CS33	0.25	C 1	X											
	34 CS34	0.25	C 1	X											
	35 CS35	0.25	C 1	X											
	36 CS36	0.25	C 1	X											
	37 CS37	0.25	C 1	X											
	38 CS38	0.25	C 1	X											
	39 CS39	0.25	C 1	X											
	40 CS40	0.25	C 1	X											

Relinquished By: [Signature] Date: 11-19-24 Received By: [Signature] Date: 11-19-24  
 Relinquished By: [Signature] Date: 11-19-24 Received By: [Signature] Date: 11-19-24  
 Delivered By: (Circle One) Observed Temp. °C: 0.9 Corrected Temp. °C: 0.3  
 Sampler - UPS - Bus - Other: Sample Condition Cool / Intact  No  No  No  
 CHECKED BY: (Initials) [Signature]  
 Verbal Results:  Yes  No Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: smackenzie@ensolum.com / wade\_dittrich@oxy.com  
 REMARKS: PayKey/AFFENOMAFE  
 Transducer Type: Standard  Backsite (only) Sample Condition  
 Thermometer ID: #1140 Observed Temp. °C: 0.90, 11/19/24  
 Correction Factor: 0.3°C  Yes  No  Yes  No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC  
 Project Manager: Samantha Mackenzie  
 Address: 601 N. Marland St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: 703-357-3545 Email: smackenzie@ensolum.com  
 Project #: 03B1417191 Project Owner:  
 Project Name: Corral Fly 2-1 State CTB  
 Project Location:  
 Sampler Name: Kaoru Shinada / Nicolas Christakos  
 P.O. #: Company: Oxy USA, Inc.  
 Attn: Wade Dittrich  
 Address:  
 City: State: Zip:  
 Phone #: (575) 390-2828  
 Email: wade\_dittrich@oxy.com

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
42	CS41	0.25	C 1	X	X	X	X	X	X			11/18/24	1020	X	X	X	
43	CS42	0.25	C 1	X	X	X	X	X	X			11/18/24	1022	X	X	X	
44	CS43	0.25	C 1	X	X	X	X	X	X			11/18/24	1326	X	X	X	
45	CS44	0.25	C 1	X	X	X	X	X	X			11/18/24	1024	X	X	X	
46	CS45	0.25	C 1	X	X	X	X	X	X			11/18/24	1255	X	X	X	
47	CS46	0.25	C 1	X	X	X	X	X	X			11/18/24	1044	X	X	X	
48	CS47	0.25	C 1	X	X	X	X	X	X			11/18/24	1045	X	X	X	
49	CS48	0.25	C 1	X	X	X	X	X	X			11/18/24	1046	X	X	X	
50	CS49	0.25	C 1	X	X	X	X	X	X			11/18/24	1047	X	X	X	
	CS50	0.25	C 1	X	X	X	X	X	X			11/18/24	1048	X	X	X	

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Relinquished By: [Signature] Date: 1/19/24 Received By: [Signature] Date: 1/19/24  
 Relinquished By: [Signature] Date: 1/19/24 Received By: [Signature] Date: 1/19/24  
 Delivered By: (Circle One) Observed Temp. °C: 09 Corrected Temp. °C: 0.3  
 Sampler - Ups - Bus - Other: Sample Condition: Cool Intact  No   
 Checked By: (Initials) [Signature]  
 Remarks: Paykey/FENonAFE  
 Verbal Result:  Yes  No Add'l Phone #: [Blank]  
 All Results are emailed. Please provide Email address: smackenzie@ensolum.com / wade\_dittrich@oxy.com  
 Thermometer ID: #1405 Correction Factor: -0.3°C  
 Standard  Backtitr (only) Sample Condition: [Blank]  
 Rush  Cool Intact  Observed Temp. °C: [Blank]  
 Yes  No  Corrected Temp. °C: [Blank]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC  
 Project Manager: Samantha MacKenzie  
 Address: 601 N. Marrenfield St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: 703-357-3545 Email: smackenzie@ensolum.com  
 Project #: 03B1417191 Project Owner:  
 Project Name: Corral Fly 2-1 State CTB  
 Project Location:  
 Sampler Name: Kaoru Shinada / Nicolas Christakos  
 P.O. #: Company: Oxy USA, Inc.  
 Attn: Wade Dittrich  
 Address:  
 City: State: Zip:  
 Phone #: (575) 390-2828  
 Email: wade\_dittrich@oxy.com

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
H247048	51 CS51	0.25	C 1	X						11/18/24	1051	X	X	X
	52 CS52	0.25	C 1	X						11/18/24	1052	X	X	X
	53 CS53	0.25	C 1	X						11/18/24	1053	X	X	X
	54 CS54	0.25	C 1	X						11/18/24	1054	X	X	X
	55 CS55	0.25	C 1	X						11/18/24	1056	X	X	X
	56 CS56	0.25	C 1	X						11/18/24	1115	X	X	X
	57 CS57	0.25	C 1	X						11/18/24	1116	X	X	X
	58 CS58	0.25	C 1	X						11/18/24	1118	X	X	X
	59 CS59	0.25	C 1	X						11/18/24	1119	X	X	X
	60 CS60	0.25	C 1	X						11/18/24	1120	X	X	X

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Relinquished By: [Signature]  
 Date: 11-19-24  
 Time: 1405  
 Received By: [Signature]  
 Date: [Blank]  
 Time: [Blank]

Delivered By: (Circle One)  UPS  Bus  Other:  
 Observed Temp. °C: 09  
 Corrected Temp. °C: 0.5  
 Sample Condition:  Cool  Wet  No  No  
 CHECKED BY: [Signature] (Initials)  
 Remarks: PayKey/AFFINOMAFE  
 Verbal Results:  Yes  No  
 All Results are emailed. Please provide Email address: smackenzie@ensolum.com / wade\_dittrich@oxy.com  
 Add'l Phone #: [Blank]  
 Thermometer ID: HND  
 Correction Factor: 0.3°C  
 Standard  Backtitr (only) Sample Condition  
 Rush  Cool Inlet  Observed Temp. °C  
 Yes  No  Yes  No  Corrected Temp. °C

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FORM-006 R.3.2 10/07/21



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC  
 Project Manager: Samantha Mackenzie  
 Address: 601 N. Marfield St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: 703-357-3545 Email: smackenzie@ensolum.com  
 Project #: 03B1417191 Project Owner:  
 Project Name: Corral Fly 2-1 State CTB  
 Project Location:  
 Sampler Name: Kaoru Shinada / Nicolas Christakos  
 P.O. #: Company: Oxy USA, Inc.  
 Attn: Wade Dittrich  
 Address:  
 City: State: Zip:  
 Phone #: (575) 390-2828  
 Email: wade\_dittrich@oxy.com

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE							
H247048	62	0.25	C 1	X												
	63	0.25	C 1	X												
	64	0.25	C 1	X												
	65	0.25	C 1	X												
	66	0.25	C 1	X												
	67	0.25	C 1	X												
	68	0.25	C 1	X												
	69	0.25	C 1	X												
	70	0.25	C 1	X												

PLEASE NOTE: Liability and Damages. Cardinal's liability and direct action remedy for any claim arising out of this contract is limited to the amount paid by the client for the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, caused by, or arising out of, the use of the services provided by Cardinal, regardless of whether such claim is based upon any of the above stipulations or otherwise.

Relinquished By: [Signature]  
 Date: 11/19/24  
 Time: 1405  
 Received By: [Signature]  
 Date: 11/19/24  
 Time: [Blank]  
 Delivered By: (Circle One)  UPS  Bus  Other  
 Observed Temp. °C: 0.9  
 Corrected Temp. °C: 0.3  
 Sample Condition:  Cool  Intact  
 CHECKED BY: [Signature]  
 Verbal Result:  Yes  No  
 All Results are emailed. Please provide Email address: smackenzie@ensolum.com / wade\_dittrich@oxy.com  
 REMARKS: Paykey/FENONAFE  
 Temperature Time: Standard  Bacteria (only) Sample Condition  
 Thermometer ID: #1120  
 Correction Factor: -0.1°C  
 Observed Temp. °C: 0.9  
 Corrected Temp. °C: 0.8

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

FORM-006 R 3.2 10/07/21



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC  
 Project Manager: Samantha Mackenzie  
 Address: 601 N. Marterfield St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: 703-357-3545 Email: smackenzie@ensolum.com  
 Project #: 03B1417191 Project Owner:  
 Project Name: Corral Fly 2-1 State CTB  
 Project Location:  
 Sampler Name: Kaoru Shinada / Nicolas Christakos  
 P.O. #: Company: Oxy USA, Inc.  
 Attn: Wade Dittrich  
 Address: City: State: Zip:  
 Phone #: (575) 390-2828  
 Email: wade\_dittrich@oxy.com

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE						
H24-7048	71	0.25	C 1	1											
	72	0.25	C 1	1	X										
	73	0.25	C 1	1	X										
	74	0.25	C 1	1	X										
	75	0.25	C 1	1	X										
	76	0.25	C 1	1	X										
	77	0.25	C 1	1	X										
	78	0.25	C 1	1	X										
	79	0.25	C 1	1	X										
	80	0.25	C 1	1	X										

PLEASE NOTE: Lab and Sampler. Cardinal's ability and client's retention period is limited to the amount paid by the client for the analysis. All dates including those for negligence and any other cause whatsoever shall be deemed waived unless the client provides written notice of retention of evidence or retention of evidence. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of revenue or loss of data, arising from the use of any of the above stated services or otherwise.

Relinquished By: [Signature] Date: 11-19-24 Received By: [Signature] Date: 11-19-24  
 Relinquished By: [Signature] Date: 11-19-24 Received By: [Signature] Date: 11-19-24  
 Delivered By: (Circle One) Observed Temp. °C: 0.9 Corrected Temp. °C: 0.3  
 Sampler - UPS - Bus - Other: Sample Condition: Cool  Warm  Moist  Other   
 CHECKED BY: [Signature] (Initials)  
 Remarks: PayKey/AFF/NonAFE  
 Verbal Results:  Yes  No Add'l Phone #: [Blank]  
 All Results are emailed. Please provide Email address: smackenzie@ensolum.com / wade\_dittrich@oxy.com  
 Turnaround Time: Standard  Rush  Cool Inlet  Observed Temp. °C: [Blank]  
 Thermometer ID: #140 Correction Factor: 4.3°C  
 Date: 11/19/24  
 Yes  No  Corrected Temp. °C: [Blank]

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FORM-006 R 3.2 10/07/21



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC Project Manager: Samantha Mackenzie Address: 601 N. Marterfield St. STE 400 City: Midland State: TX Zip: 79701 Phone #: 703-357-3545 Email: smackenzie@ensolum.com Project #: 03B1417191 Project Owner: Project Name: Corral Fly 2-1 State CTB Project Location: Sampler Name: Kaoru Shinada / Nicolas Christakos FOR LAB USE ONLY		P.O. #: Company: Oxy USA, Inc. Attn: Wade Dittrich Address: City: State: Zip: Phone #: (575) 390-2828 Email: wade_dittrich@oxy.com		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Sample Condition Cool Inact <input checked="" type="checkbox"/> <input type="checkbox"/> Inact <input type="checkbox"/> <input type="checkbox"/> No <input type="checkbox"/> <input type="checkbox"/>	CHECKED BY: (Initials)	Turnaround Time: Standard <input checked="" type="checkbox"/> <input type="checkbox"/> Rush <input type="checkbox"/> <input type="checkbox"/> Cool Inact <input type="checkbox"/> <input type="checkbox"/> Observed Temp. °C Thermometer ID # Correction Factor -0.1°C	Bacterials (only) Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No All Results are emailed. Please provide Email address: smackenzie@ensolum.com / wade_dittrich@oxy.com REMARKS: Paykey/AE/NonAFE:	Add'l Phone #:
Relinquished By:	Date:	Received By:	Date:	Time:	Time:	Time:	Time:
PLEASE NOTE: Liability and Damages: Cardinal's liability and direct's warranty extend only to the amount paid by the client for the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, incurred by the client, or any other damages, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons, or otherwise.							
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV.	SAMPLING
81 82 83 84 85 86 87 88 89 90	CS82 CS85 CS92 CS93 CS96 CS99 CS100 CS101 CS102 CS103	0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25	C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1	X X X X X X X X X	11/18/24 11/18/24 11/18/24 11/18/24 11/18/24 11/18/24 11/18/24 11/18/24 11/18/24	1354 1356 1349 1348 1416 1414 1420 1424 1424 1407	X X X X X X X X X
						BTEX 8021 B TPH 8015 M Chloride 4500	

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FORM-008 R 3.2 10/07/21



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC  
 101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Project Manager: Samantha MacKenzie  
 Address: 601 N. Marland St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: 703-357-3545 Email: smackenzie@ensolum.com  
 Project #: 03B1417191 Project Owner:  
 Project Name: Corral Fly 2-1 State CTB  
 Sampler Name: Kaoru Shinada / Nicolas Christakos  
 P.O. #: Company: Oxy USA, Inc.  
 Attn: Wade Dittrich  
 Address: City: State: Zip:  
 Phone #: (575) 390-2828  
 Email: wade\_dittrich@oxy.com

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H247048	91 CS104	0.25	C 1	X	X	X	X	X	X	X	11/18/24	1427	X	X	X
	92 CS105	0.25	C 1	X	X	X	X	X	X	X	11/18/24	1428	X	X	X
	93 CS106	0.25	C 1	X	X	X	X	X	X	X	11/18/24	1439	X	X	X

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 All claims, including those for negligence and any other claims whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days of the date of the report.  
 In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above listed reasons or otherwise.

Relinquished By: [Signature] Date: 11-19-24 Time: 1405  
 Received By: [Signature] Date: [ ] Time: [ ]  
 Relinquished By: [Signature] Date: [ ] Time: [ ]  
 Received By: [Signature] Date: [ ] Time: [ ]

Delivered By: (Circle One)  UPS  Bus  Other  
 Observed Temp. °C: 0.9  
 Corrected Temp. °C: 0.3

Sample Condition:  Cool  Intact  No  No

Checked By: [Signature] (Initials)

Turnaround Time:  Rush  Standard  Bacteria (only) Sample Condition

Thermometer ID: #1100  
 Correction Factor: -0.1°C  
 Observed Temp. °C: 11/19/24

Verbal Result:  Yes  No  
 All Results are emailed. Please provide Email address: smackenzie@ensolum.com / wade\_dittrich@oxy.com  
 Add'l Phone #: [ ]  
 REMARKS: Paykey/FENONAFE

FORM-006 R 3.2 10/07/21

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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 420828

**QUESTIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 420828
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2202557399
Incident Name	NAPP2202557399 CORRAL FLY 2-1 STATE CTB @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	CORRAL FLY 2-1 STATE CTB
Date Release Discovered	01/19/2022
Surface Owner	Federal

<b>Incident Details</b>	
<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

<b>Nature and Volume of Release</b>	
<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   Separator   Crude Oil   Released: 53 BBL   Recovered: 30 BBL   Lost: 23 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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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**Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 420828

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 420828
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 01/15/2025
--	---

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Phone: (505) 476-3441

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

QUESTIONS, Page 3

Action 420828

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 420828
	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 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 300 and 500 (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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1/2 and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 300 and 500 (ft.)
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)	4480
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	19406
GRO+DRO (EPA SW-846 Method 8015M)	16556
BTEX (EPA SW-846 Method 8021B or 8260B)	10.2
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	06/20/2024
On what date will (or did) the final sampling or liner inspection occur	01/15/2025
On what date will (or was) the remediation complete(d)	01/15/2025
What is the estimated surface area (in square feet) that will be reclaimed	36460
What is the estimated volume (in cubic yards) that will be reclaimed	292
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

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

QUESTIONS, Page 4

Action 420828

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 420828
	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 <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 01/15/2025
--	---

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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**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 5

Action 420828

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 420828
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<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

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 6

Action 420828

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 420828
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>418747</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>01/17/2025</b>
What was the (estimated) number of samples that were to be gathered	<b>179</b>
What was the sampling surface area in square feet	<b>35794</b>

**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	<b>No</b>
--	-----------

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Phone: (505) 476-3441

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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**

CONDITIONS

Action 420828

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 420828
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
crystal.walker	Variance request for depth to groundwater closure criteria variance for the site based on the information provided is approved. Variance request for karst survey approved. Once the karst survey is submitted the NMOCD will review for variance to proceed with groundwater greater than 100 feet Closure Criteria Variance as shown in Table I of 19.15.29.12 NMAC.	1/22/2025