



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;

Oxy USA, Inc.
Remediation Work Plan
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- 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

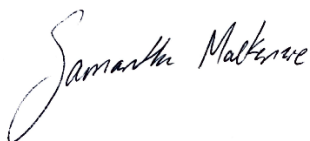
The delineation soil sampling results indicate soils containing elevated TPH and/or chloride concentrations exist across an approximate 7,888 square foot area and extends to a maximum depth of 2 feet bgs. Oxy proposes to complete the following remediation activities:

- 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

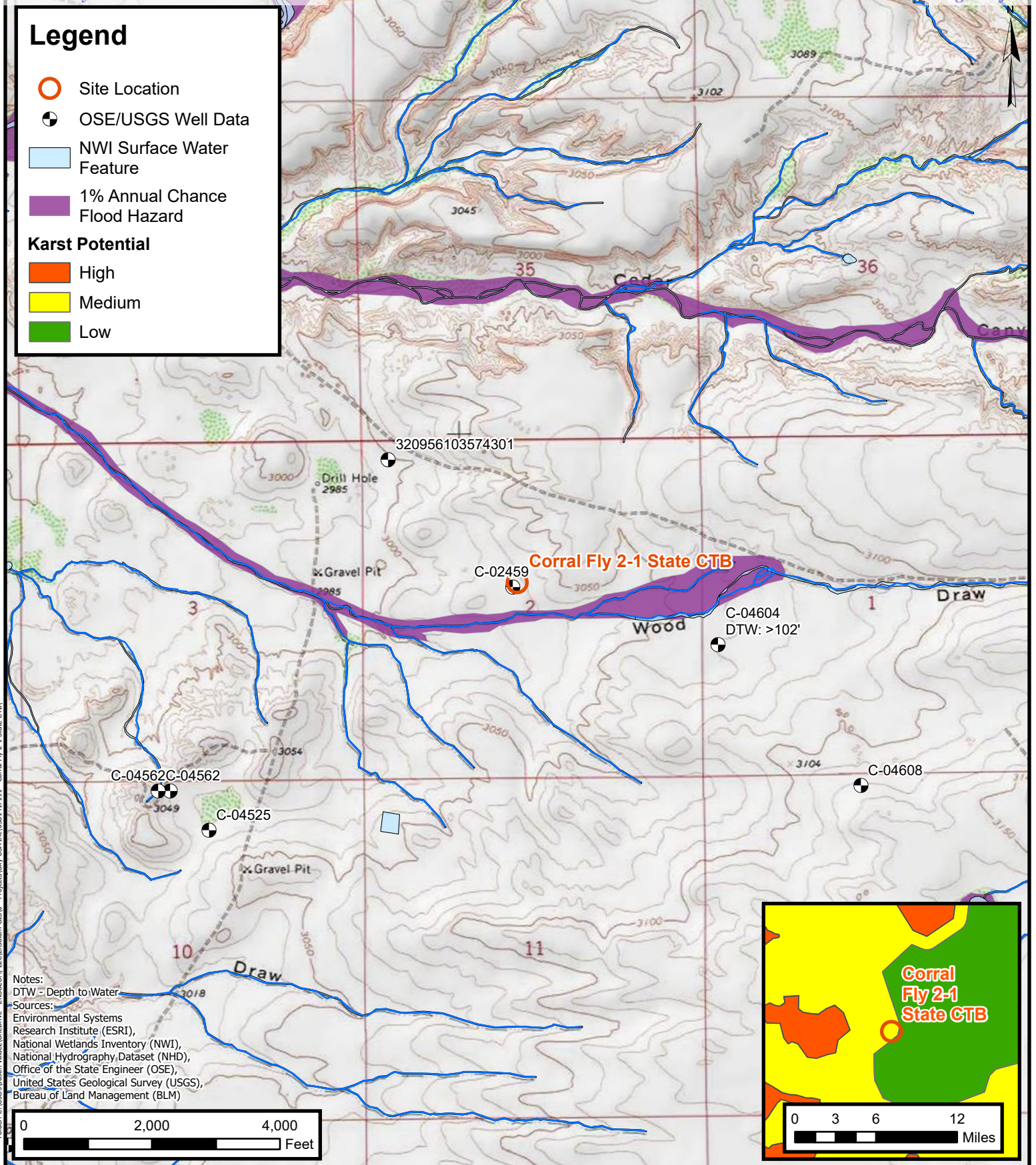
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Appendix C Photographic Log
Appendix D Table
Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation



APPENDIX A

Figures

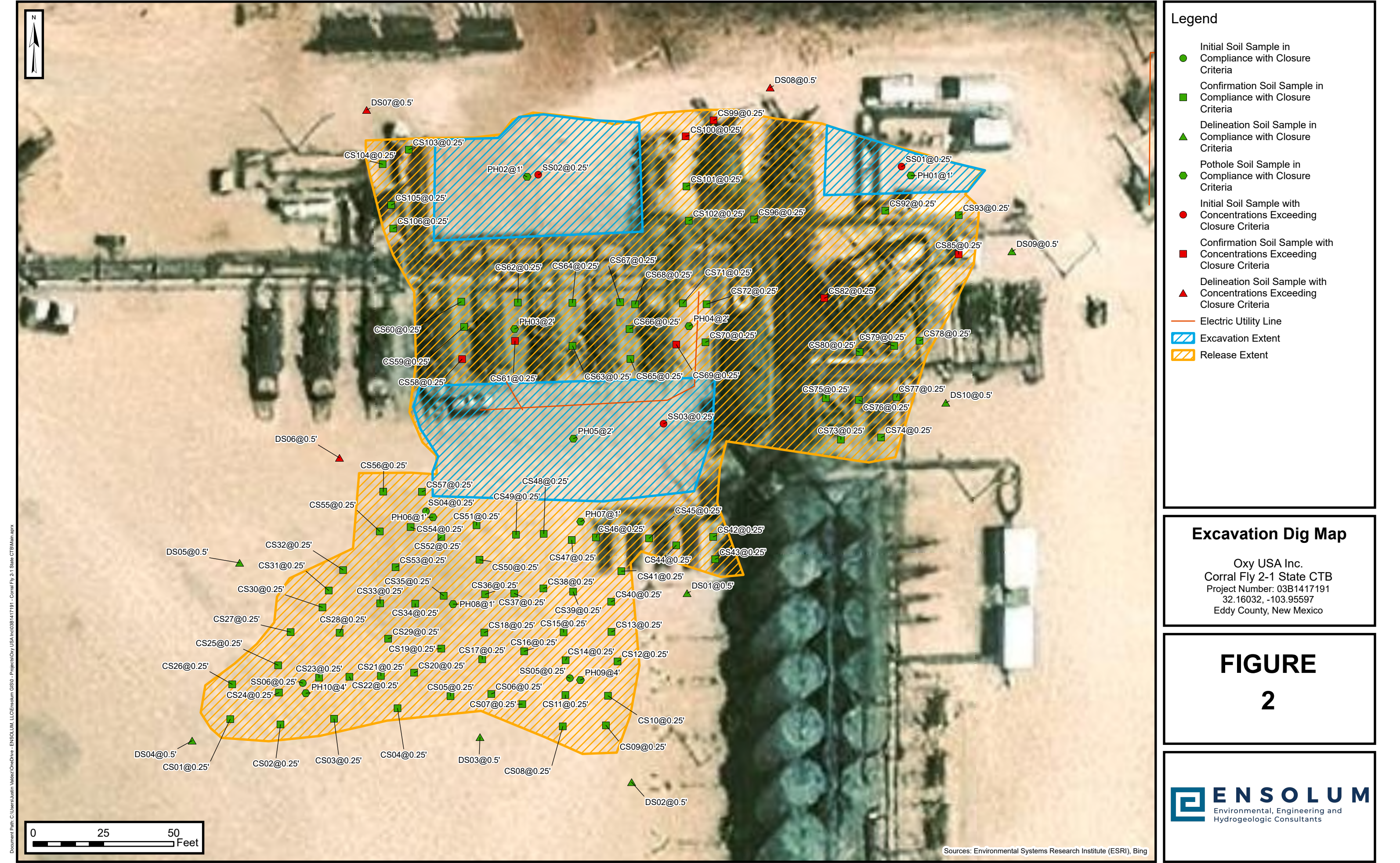


Site Receptor Map

Oxy USA Inc.
Corral Fly 2-1 State CTB
Incident Number: nAPP2202557399
Unit F, Section 02, T 25S, R 29E
Eddy County, New Mexico

FIGURE

1





APPENDIX B

Supporting Documentation

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

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2202557399
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?

☐ Yes ☒ 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

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: Wade Dittrich

Title: Environmental Coordinator

Signature: [Signature]

Date: 1-27-22

email: wade_dittrich@oxy.com

Telephone: (575) 390-2828

OCD Only

Received by: Ramona Marcus

Date: 02/08/2022

Location of spill:

Corral Fly 2-1 State CTB

Date of Spill:

1/19/2022

Site Soil Type: Fine 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:

		H2O		OIL
Area #1	30000 sq. ft.	cu. ft.		cu. ft.
Area #2	0 sq. ft.	cu. ft.	800	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:	30,000 sq. ft.	cu. ft.	800	cu. ft.

Estimated Volumes Spilled

	H2O		OIL
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:			

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

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)

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

**Photographic Log**

Oxy USA, Inc

Corral Fly 2-1 State CTB

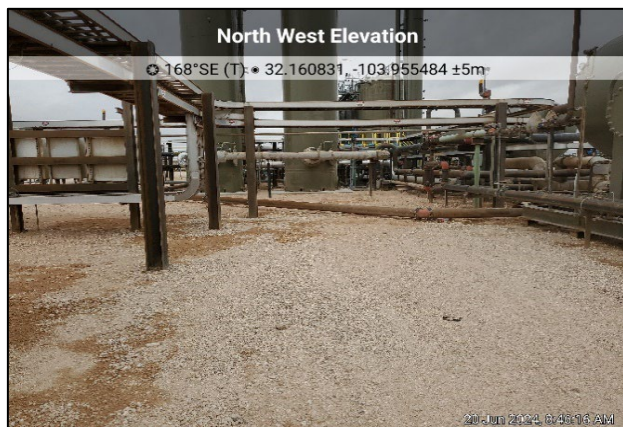
Incident Number nAPP2202557399



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



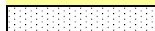
APPENDIX D

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 ₆ -C ₁₂ (mg/kg)	TPH DRO >C ₁₂ -C ₂₈ (mg/kg)	TPH MRO >C ₂₈ -C ₃₅ (mg/kg)	TPH Total C ₆ -C ₃₅ (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	100	600
Delineation Soil Sample Analytical Results												
DS01	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS02	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS03	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
DS04	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
DS05	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.5	10.2	38.7	288
DS06	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,060	482	1,542	688
DS07	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,470	428	1,898	864
DS08	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	6,860	1,640	8,500	80.0
DS09	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	192	69.8	262	80.0
DS10	08/07/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0

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 ₆ -C ₁₂ (mg/kg)	TPH DRO >C ₁₂ -C ₂₈ (mg/kg)	TPH MRO >C ₂₈ -C ₃₅ (mg/kg)	TPH GRO+DRO C ₆ -C ₂₈ (mg/kg)	TPH Total C ₆ -C ₃₅ (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
Initial Soil Sample Analytical Results													
SS01	06/20/2024	0.25	<0.050	0.467	0.582	9.12	10.2	556	16,000	2,850	16,556	19,406	192
SS02	06/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,140	315	1,140	1,455	496
SS03	06/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,960	1,540	2,960	4,500	3,360
SS04	06/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	124	62.8	124	187	976
SS05	06/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	205	131	205	336	3,280
SS06	06/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
Pothole Soil Sample Analytical Results													
PH01	08/06/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,890
PH02	08/06/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
PH03	08/06/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
PH04	08/06/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
PH05	08/06/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
PH06	08/06/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
PH07	08/06/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
PH08	08/06/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
PH09	08/06/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
PH10	08/06/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0

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 ₆ -C ₁₂ (mg/kg)	TPH DRO >C ₁₂ -C ₂₈ (mg/kg)	TPH MRO >C ₂₈ -C ₃₅ (mg/kg)	TPH GRO+DRO C ₆ -C ₂₈ (mg/kg)	TPH Total C ₆ -C ₃₅ (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
Confirmation Soil Sample Analytical Results													
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	32.0
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	32.0
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	32.0
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	48.0
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	32.0
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	16.0
CS 07	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.7	<10.0	13.7	13.7	48.0
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	80.0
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	32.0
CS 10	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	<10.0	11.3	11.3	64.0
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	1,100
CS 12	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.2	<10.0	11.2	11.2	928
CS 13	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.6	<10.0	33.6	33.6	480
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	160
CS 15	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.9	<10.0	11.9	11.9	576
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	64.0
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	64.0
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	64.0
CS 19	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.0	<10.0	12.0	12.0	32.0
CS 20	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	59.7	18.0	59.7	77.7	<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	48.0
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	64.0
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	64.0
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	96.0
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	112
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	48.0
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	64.0
CS 28	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.9	<10.0	12.9	12.9	80.0
CS 29	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.8	<10.0	21.8	21.8	<16.0
CS 30	11/18/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.4	<10.0	61.4	61.4	64.0

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 ₆ -C ₁₂ (mg/kg)	TPH DRO >C ₁₂ -C ₂₈ (mg/kg)	TPH MRO >C ₂₈ -C ₃₅ (mg/kg)	TPH GRO+DRO C ₆ -C ₂₈ (mg/kg)	TPH Total C ₆ -C ₃₅ (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

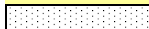
TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
Corral Fly 2-1 State CTB
Oxy USA, Inc.
Eddy County, New Mexico
Ensolum Project No. 03B1417191

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 ₆ -C ₁₂ (mg/kg)	TPH DRO >C ₁₂ -C ₂₈ (mg/kg)	TPH MRO >C ₂₈ -C ₃₅ (mg/kg)	TPH GRO+DRO C ₆ -C ₂₈ (mg/kg)	TPH Total C ₆ -C ₃₅ (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 ₆ -C ₁₂ (mg/kg)	TPH DRO >C ₁₂ -C ₂₈ (mg/kg)	TPH MRO >C ₂₈ -C ₃₅ (mg/kg)	TPH GRO+DRO C ₆ -C ₂₈ (mg/kg)	TPH Total C ₆ -C ₃₅ (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



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/27/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 06/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SS 01 0.25 (H243649-01)

BTX 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	
Toluene*	0.467	0.050	06/25/2024	ND	1.84	91.9	2.00	9.36	GC-NC1
Ethylbenzene*	0.582	0.050	06/25/2024	ND	1.98	98.9	2.00	6.72	GC-NC1
Total Xylenes*	9.12	0.150	06/25/2024	ND	5.85	97.5	6.00	6.15	GC-NC1
Total BTX	10.2	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
Chloride	192	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
GRO C6-C10*	556	50.0	06/25/2024	ND	181	90.4	200	2.70	
DRO >C10-C28*	16000	50.0	06/25/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	2850	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
 Reported: 06/27/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 06/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
Chloride	496	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	
DRO >C10-C28*	1140	10.0	06/24/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	315	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

Cardinal Laboratories

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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
 Reported: 06/27/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 06/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	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*	2960	10.0	06/24/2024	ND	207	104	200	4.70	QM-07, QR-03
EXT DRO >C28-C36	1540	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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: 06/20/2024
 Reported: 06/27/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 06/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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
Chloride	976	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*	124	10.0	06/24/2024	ND	207	104	200	4.70	
EXT DRO >C28-C36	62.8	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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: 06/20/2024
 Reported: 06/27/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 06/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	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*	205	10.0	06/24/2024	ND	207	104	200	4.70	
EXT DRO >C28-C36	131	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
 Reported: 06/27/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 06/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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.

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 with a large, stylized 'C' and 'K'.

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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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: 08/07/2024
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, 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 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-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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Analytical Results For:

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

Received: 08/07/2024
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
Chloride	288	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*	28.5	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	10.2	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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Analytical Results For:

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

Received: 08/07/2024
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
Chloride	688	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*	1060	10.0	08/08/2024	ND	210	105	200	0.283	QR-03
EXT DRO >C28-C36	482	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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Analytical Results For:

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

Received: 08/07/2024
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	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	
DRO >C10-C28*	1470	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	428	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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
Chloride	80.0	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	
DRO >C10-C28*	6860	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	1640	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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
Chloride	80.0	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*	192	10.0	08/08/2024	ND	210	105	200	0.283	
EXT DRO >C28-C36	69.8	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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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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 13 of 13



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.

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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 01 1 (H244764-01)

BTX 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 BTX	<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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-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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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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-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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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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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	
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 64.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 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
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	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

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: 08/07/2024
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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, SM4500Cl-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

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: 08/07/2024
 Reported: 08/13/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 08/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



Company Name: Ensolum, LLC
 107 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/3



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager: Beaux Jennings

Address: 601 N. Mainfield St. STE 400

City: Midland

State: TX Zip: 79701

Phone #: (210)219-8858

Email: bjennings@ensolum.com

Project #: 03B412191

Project Owner:

Project Name: Larral Fly 2-1 State CIB

Project Location:

Sampler Name: Kaoru Shimada

FOR LAB USE ONLY

Phone #:

Email:

BILL TO

P.O. #:

Company: OXY USA

Attn: Wade Dittich

Address:

City:

State: Zip:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	BTX 8021B	TPH 8015M	Chloride 4500	HOLD
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:								
10	PH04	2	G	1										8-6-24	1211	X	X	X	
11	PH04	3	G	1										8-6-24	1212	X	X	X	
12	PH04	4	G	1										8-6-24	1214	X	X	X	
13	PH05	2	G	1										8-6-24	1221	X	X	X	
14	PH05	3	G	1										8-6-24	1223	X	X	X	
15	PH05	4	G	1										8-6-24	1224	X	X	X	
16	PH06	1	G	1										8-6-24	1450	X	X	X	
17	PH06	2	G	1										8-6-24	1451	X	X	X	
18	PH06	3	G	1										8-6-24	1452	X	X	X	
19	PH06	4	G	1										8-6-24	1454	X	X	X	

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Relinquished By:

Date: 8-7-24

Received By:

Kaoru Shimada

Date: 1453

Received By:

Shedrick

Remarks: Paykey/AFENonAF: All results are emailed. Please provide Email address: bjennings@ensolum.com, smackenzie@ensolum.com

Delivered By: (Circle One)

Sampler - UPS - Blue - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

CHECKED BY: (Initials)

Turnaround Time: Standard

Thermometer ID: #140

Correction Factor: -0.02C

Thermometer ID: #140

Correction Factor: -0.02C

Turnaround Time: Standard

Thermometer ID: #140

Correction Factor: -0.02C

FORM-006 R.3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to cely.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
Project Manager: Beaux Jennings

Address: 601 N. Marland St. STE 400
City: Midland State: TX Zip: 79701

Phone #: (210) 219-8868

Project #: 03B1417191

Project Name: Corral Fly 2-1 State CTB

Project Location:

Sample Name: Kaoru Shinada

FOR USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #: Company: OXY USA

Attn: Wade Dietrich

Address:

City:

State: Zip:

Phone #: Email:

Lab I.D. Sample I.D.

Sample Depth (feet)

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

BTEX 8021B

TPH 8015M

Chloride 4500

Hold

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Relinquished By:

Time: 8:34 PM Received By: Speckmann

Date: 1/15/25

Time:

Date:

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes No

Checked By: (Initials)

Turnaround Time: Standard

Turnaround Time: Rush

Turnaround Time: Cool Intact

Verbal Result: ☐ Yes ☒ No
All Results are emailed. Please provide Email address: beauxjennings@ensolum.com, smackenzie@ensolum.com
REMARKS: Paykey/AFFENNAFE:
Thermometer ID: #140
Correction Factor: -0.01°C
Observed Temp. °C
Corrected Temp. °C



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.

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, appearing to read "Mike Snyder", written in a cursive style.

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, 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 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, 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 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

Cardinal Laboratories

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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	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 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



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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, 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 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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	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*	13.7	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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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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 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, 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 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 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 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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	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*	11.3	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



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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 11 0.25 (H247048-11)

BTX 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 BTX	<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



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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	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*	11.2	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



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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	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*	33.6	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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



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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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	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*	11.9	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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, SM4500Cl-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 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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	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*	12.0	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 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



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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, 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	210	105	200	1.11	
DRO >C10-C28*	59.7	10.0	11/20/2024	ND	203	102	200	0.428	
EXT DRO >C28-C36	18.0	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS 21 0.25 (H247048-21)

BTX 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 BTX	<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



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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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 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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	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, SM4500Cl-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 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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 91.6 % 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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	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*	12.9	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



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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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	
DRO >C10-C28*	21.8	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, SM4500Cl-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*	61.4	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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*	25.4	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



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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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 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, SM4500Cl-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*	11.0	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 75.8 % 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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 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 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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	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	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



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 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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	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	223	112	200	2.51	
DRO >C10-C28*	154	10.0	11/20/2024	ND	205	103	200	2.85	
EXT DRO >C28-C36	462	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



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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	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	223	112	200	2.51	
DRO >C10-C28*	28.5	10.0	11/20/2024	ND	205	103	200	2.85	
EXT DRO >C28-C36	15.4	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



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 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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1660	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*	64.2	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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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, SM4500Cl-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	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*	28.8	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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	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*	656	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	136	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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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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	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*	12.3	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



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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	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*	45.8	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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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 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, SM4500Cl-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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	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*	99.9	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	15.8	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



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 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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	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*	52.8	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, SM4500Cl-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	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*	53.4	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, 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	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, 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	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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	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*	47.1	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



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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	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 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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, 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	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*	14.4	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	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*	119	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	17.3	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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	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*	100	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	13.2	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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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	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*	90.8	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	31.6	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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	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*	2110	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	522	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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2060	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*	630	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	159	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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	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*	239	10.0	11/20/2024	ND	202	101	200	5.94	
EXT DRO >C28-C36	45.9	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	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*	1950	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	708	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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	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*	143	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	55.9	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, SM4500Cl-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



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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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	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*	105	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	31.9	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



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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	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*	133	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	41.3	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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	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*	30.9	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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	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*	1920	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	630	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3560	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*	296	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	113	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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	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*	168	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	41.8	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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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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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 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, SM4500Cl-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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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 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, SM4500Cl-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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, 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	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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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, 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	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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, 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	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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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3080	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*	89.9	10.0	11/20/2024	ND	206	103	200	0.836	
EXT DRO >C28-C36	24.4	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



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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	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*	2410	10.0	11/20/2024	ND	199	99.3	200	0.296	
EXT DRO >C28-C36	633	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	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*	2050	10.0	11/20/2024	ND	199	99.3	200	0.296	
EXT DRO >C28-C36	695	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, 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	11/21/2024	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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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 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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1520	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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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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	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*	128	10.0	11/20/2024	ND	199	99.3	200	0.296	
EXT DRO >C28-C36	15.3	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



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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg	Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	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	
DRO >C10-C28*	6230	10.0	11/20/2024	ND	199	99.3	200	0.296	
EXT DRO >C28-C36	1750	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



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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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
Chloride	256	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*	3430	10.0	11/20/2024	ND	199	99.3	200	0.296	
EXT DRO >C28-C36	997	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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	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*	276	10.0	11/20/2024	ND	199	99.3	200	0.296	
EXT DRO >C28-C36	97.1	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



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Analytical Results For:

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

Received: 11/19/2024
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	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*	334	10.0	11/20/2024	ND	199	99.3	200	0.296	
EXT DRO >C28-C36	116	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, SM4500Cl-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



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
 Reported: 11/25/2024
 Project Name: CORRAL FLY 2-1 STATE CTB
 Project Number: 03B1417191
 Project Location: OXY

Sampling Date: 11/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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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, SM4500Cl-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

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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.
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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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC		Project Manager: Samantha MacKenzie		P.O. #:	
Address: 601 N. Marientfield St. STE 400		City: Midland		State: TX Zip: 79701	
Phone #: 703-357-3545		Email: smackenzie@ensolum.com		Attn: Wade Dittrich	
Project #: 03B1417191		Project Owner:		Address:	
Project Location:		City:		State: Zip:	
Sampler Name: Kaoru Shimada / Nicolas Christakos		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 :					
HA17048	1 CS01	0.25	C 1	X											
	2 CS02	0.25	C 1	X											
	3 CS03	0.25	C 1	X											
	4 CS04	0.25	C 1	X											
	5 CS05	0.25	C 1	X											
	6 CS06	0.25	C 1	X											
	7 CS07	0.25	C 1	X											
	8 CS08	0.25	C 1	X											
	9 CS09	0.25	C 1	X											
	10 CS10	0.25	C 1	X											

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Relinquished By:	Date: 11/19/24	Received By:	Date: 11/19/24
Relinquished By:	Date: 11/19/24	Received By:	Date: 11/19/24

Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition	Cool	Intact	Checked By: (Initials)	Turnaround Time:	Standard	Observed Temp. °C	Corrected Temp. °C	Thermometer ID	Correction Factor	Yes	No	Yes	No
UPS	0.9	0.3	Intact	Yes	Yes	JD	2 to 4 hrs	Standard	0.9	0.3	#140	-0.1	Yes	No	Yes	No

FORM-006 R 3.2 10/07/21

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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. #:			
Address: 601 N. Marfield St. STE 400		Company: Oxy USA, Inc.			
City: Midland State: TX Zip: 79701		Attn: Wade Dittrich			
Phone #: 703-357-3545 Email: smackenzie@ensolum.com		Address:			
Project #: 03B1417191 Project Owner:		City:			
Project Name: Corral Fly 2-1 State CTB		State: Zip:			
Project Location:		Phone #: (575) 390-2828			
Sampler Name: Kaoru Shinada / Nicolas Christakos		Email: wade_dittrich@oxy.com			
FOR LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX
HA7048					GROUNDWATER
					WASTEWATER
					SOIL
					OIL
					SLUDGE
					OTHER :
					ACID/BASE:
					ICE / COOL
					OTHER :
					DATE
					TIME
					BTEX 8021 B
					TPH 8015 M
					Chloride 4500
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					
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 0.5 Sample Condition Cool Intact <input checked="" type="checkbox"/> No <input type="checkbox"/> No CHECKED BY: (Initials) V.C.					
Sampler - UPS - Bus - Other: T Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition <input type="checkbox"/> Cool Intact <input checked="" type="checkbox"/> Observed Temp. °C Thermometer ID #140 Correction Factor -0.5°C 40.11/19/24 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C					
FORM-006 R 3.2 10/07/21					

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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. #:																	
Address: 601 N. Marland St. STE 400		Company: Oxy USA, Inc.																	
City: Midland State: TX Zip: 79701		Attn: Wade Dittrich																	
Phone #: 703-357-3545 Email: smackenzie@ensolum.com		Address:																	
Project #: 03B1417191 Project Owner:		City:																	
Project Name: Corral Fly 2-1 State CTB		State:																	
Project Location:		Zip:																	
Sampler Name: Kaoru Shimada / Nicolas Christakos		Phone #: (575) 390-2828																	
FOR LAB USE ONLY		Email: wade_dittrich@oxy.com																	
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESEV.	SAMPLING	DATE	TIME	BTEX 8021 B	TPH 8015 M	Chloride 4500							
H27048	21	CS21	0.25	C 1	X					X	X	X							
	22	CS22	0.25	C 1	X					X	X	X							
	23	CS23	0.25	C 1	X					X	X	X							
	24	CS24	0.25	C 1	X					X	X	X							
	25	CS25	0.25	C 1	X					X	X	X							
	26	CS26	0.25	C 1	X					X	X	X							
	27	CS27	0.25	C 1	X					X	X	X							
	28	CS28	0.25	C 1	X					X	X	X							
	29	CS29	0.25	C 1	X					X	X	X							
	30	CS30	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: 11-18-24 Time: 931

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: (Initials) *W.D.*

Turnaround Time: ☐ Standard ☒ Expedite (only) Sample Condition: ☐ Rush ☐ Cool ☐ Intact ☐ No ☐ No Thermometer ID: *#140* Correction Factor: *-0.5°C* Date: *12.11.19/24* ☐ Yes ☐ No ☐ Yes ☐ No Corrected Temp. °C: *0.4*

FORSH-006 R 3.2 10/07/21

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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									
Project Manager: Samantha Mackenzie		P.O. #:									
Address: 601 N. Mainfield St. STE 400		Company: Oxy USA, Inc.									
City: Midland State: TX Zip: 79701		Attn: Wade Dittich									
Phone #: 703-357-3545 Email: smackenzie@ensolum.com		Address:									
Project #: 03B1417191 Project Owner:		City:									
Project Name: Corral Fly 2-1 State CTB		State: Zip:									
Project Location:		Phone #: (575) 390-2828									
Sampler Name: Kaoru Shimada / Nicolas Christakos		Email: wade_dittich@oxy.com									
FOR LAB USE ONLY		MATRYX									
		Ingressed									

[illegible]

Relinquished By: 	Date: <u>11-19-24</u>	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>1:405</u>		All Results are emailed. Please provide Email address: simackenzie@ensolum.com / wade_ditrich@oxy.com	
	Date:			
	Time:			
Relinquished By:		Received By: 	REMARKS: Paykey/AFE/NonAFE:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: <u>0.9</u> Corrected Temp. °C: <u>0.3</u>	Sample Condition Cool <input checked="" type="checkbox"/> Hot <input type="checkbox"/> <input type="checkbox"/> Ice <input type="checkbox"/> Frost <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) <u>AD</u>	Turnaround Time: Standard <input checked="" type="checkbox"/> Expedited (only Sample Condition Right) <input type="checkbox"/> Thermometer ID: <u>#140</u> Correction Factor: <u>-0.3°C</u> <u>6 90-11/19/24</u>
				<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

FORM-008 R 3.2 10/07/21

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



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. #:
Address: 601 N. Marland St. STE 400	Company: Oxy USA, Inc.
City: Midland	Attn: Wade Dittrich
State: TX Zip: 79701	Address:
Phone #: 703-357-3545	City:
Project #: 03B1417191	State:
Project Name: Corral Fly 2-1 State CTB	Zip:
Project Location:	Phone #: (575) 390-2828
Sampler Name: Kaoru Shimada / Nicolas Christakos	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										
41	CS41	0.25	C 1	X								X	X	X					
42	CS42	0.25	C 1	X								X	X	X					
43	CS43	0.25	C 1	X								X	X	X					
44	CS44	0.25	C 1	X								X	X	X					
45	CS45	0.25	C 1	X								X	X	X					
46	CS46	0.25	C 1	X								X	X	X					
47	CS47	0.25	C 1	X								X	X	X					
48	CS48	0.25	C 1	X								X	X	X					
49	CS49	0.25	C 1	X								X	X	X					
50	CS50	0.25	C 1	X								X	X	X					

PLEASE NOTE: Liability and Damages. Cardinal's liability and direct action remedy for any claim 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, shall be 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, incurred by client as a result of the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons 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) Sampler - Ups - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Sample Condition Cool intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) [Signature]
FORM-006 R 3.2 10/07/21	Thermometer ID: [Signature]	Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition	Thermometer ID: [Signature]

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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. #:																			
Address: 601 N. Mainfield St. STE 400										Company: Oxy USA, Inc.																			
City: Midland State: TX Zip: 79701										Attn: Wade Dittrich																			
Phone #: 703-357-3545 Email: smackenzie@ensolum.com										Address:																			
Project #: 0381417191 Project Owner:										City:																			
Project Name: Corral Fly 2-1 State CTB										State:										Zip:									
Project Location:										Phone #: (575) 390-2828																			
Sampler Name: Kaoru Shimada / Nicolas Christakos										Email: wade_dittrich@oxy.com																			
FOR LAB USE ONLY																													
Lab I.D.										Sample I.D.										Sample Depth (feet)									
H247048										0.25										(G)RAB OR (C)OMP.									
51 CS51										0.25										C 1									
52 CS52										0.25										C 1									
53 CS53										0.25										C 1									
54 CS54										0.25										C 1									
55 CS55										0.25										C 1									
56 CS56										0.25										C 1									
57 CS57										0.25										C 1									
58 CS58										0.25										C 1									
59 CS59										0.25										C 1									
60 CS60										0.25										C 1									
PLEASE NOTE: Liability. Customers liability and safety are assumed for any data entry whether based on written or verbal instructions from the client for the analysis.																													
All claims including those for negligence and any other causes whatsoever shall be deemed waived unless made in writing and received by the company within the applicable statute of limitations.																													
In no event shall the company be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, arising from the use of the data.																													
Relinquished By:										Date: 11-19-24										Received By:									
Time: 1405																													
Relinquished By:										Date:										Received By:									
Time:																													
Delivered By: (Circle One)										Observed Temp. °C										Sample Condition									
Sampler - UPS - Bus - Other:										Corrected Temp. °C										Cool <input checked="" type="checkbox"/> Hot <input type="checkbox"/>									
										0.3										No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>									
																				CHECKED BY: (Initials)									
																				AP									
Thermometer ID: 4444										Standard <input checked="" type="checkbox"/> Backup <input type="checkbox"/>										Bacteria (only) Sample Condition									
Correction Factor: -0.3°C										Observed Temp. °C										Yes <input type="checkbox"/> No <input type="checkbox"/>									
11/19/24																				Yes <input type="checkbox"/> No <input type="checkbox"/>									
																				Corrected Temp. °C									

Page 101 of 105



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. #:																													
Address: 601 N. Marnefield St. STE 400										Company: Oxy USA, Inc.																													
City: Midland State: TX Zip: 79701										Attn: Wade Dittrich																													
Phone #: 703-357-3545 Email: smackenzie@ensolum.com										Address:																													
Project #: 03B1417191 Project Owner:										City:																													
Project Name: Corral Fly 2-1 State CTB										State:										Zip:																			
Project Location:										Phone #: (575) 390-2828																													
Sampler Name: Kaoru Shimada / Nicolas Christakos										Email: wade_dittrich@oxy.com																													
FOR LAB USE ONLY																																							
Lab I.D.										Sample I.D.										Sample Depth (feet)																			
H247048										(G)RAB OR (C)OMP.										# CONTAINERS										MATRIX									
																														GROUNDWATER									
62 CS61										0.25										C 1										X									
62 CS62										0.25										C 1										X									
63 CS63										0.25										C 1										X									
64 CS64										0.25										C 1										X									
65 CS65										0.25										C 1										X									
66 CS66										0.25										C 1										X									
67 CS67										0.25										C 1										X									
68 CS68										0.25										C 1										X									
69 CS69										0.25										C 1										X									
70 CS70										0.25										C 1										X									
<small>PLEASE NOTE: Liability and Ensolum, Canteen's liability and direct, indirect, and consequential damages, for any claim arising out of or related to the performance of services hereunder by Canteen, regardless of whether such claim is based upon any of the following stated reasons or otherwise.</small> <small>All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Canteen within 90 days of completion of the applicable service.</small> <small>In no event shall Canteen be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, arising from the use of the services hereunder.</small>																																							
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										Sample Condition										CHECKED BY: (Initials)									
Sampler - UPS - Bus - Other:										Corrected Temp. °C										Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>										[Signature]									
Thermometer ID: 4444 #1420										Rush <input type="checkbox"/> Standard <input checked="" type="checkbox"/>										Background (only) Sample Condition										Thermometer ID: 4444 #1420									
Correction Factor: -0.1°C										Observed Temp. °C										Yes <input type="checkbox"/> No <input type="checkbox"/>										Yes <input type="checkbox"/> No <input type="checkbox"/>									
REMARKS: Paykey/AFE/NonAFE:										Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No										Add'l Phone #:																			
										All Results are emailed. Please provide Email address: smackenzie@ensolum.com / wade_dittrich@oxy.com																													



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC						BILL TO		ANALYSIS REQUEST									
Project Manager: Samantha Mackenzie						P.O. #:											
Address: 601 N. Marfield St. STE 400						Company: Oxy USA, Inc.											
City: Midland State: TX Zip: 79701						Attn: Wade Dittrich											
Phone #: 703-357-3545 Email: smackenzie@ensolum.com						Address:											
Project #: 03B1417191 Project Owner:						City:											
Project Location: Corral Fly 2-1 State CTB						State:		Zip:									
Sample Name: Kauru Shimada / Nicolas Christakos						Phone #: (575) 390-2828											
FOR LAB USE ONLY						Email: wade_dittrich@oxy.com											
Lab I.D.		Sample I.D.		Sample Depth (feet)		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING			
H247048		71		CS71		0.25		C 1		X		11/18/24		1202			
		72		CS72		0.25		C 1		X		11/18/24		1203			
		73		CS73		0.25		C 1		X		11/18/24		1331			
		74		CS74		0.25		C 1		X		11/18/24		1333			
		75		CS75		0.25		C 1		X		11/18/24		1333			
		76		CS76		0.25		C 1		X		11/18/24		1410			
		77		CS77		0.25		C 1		X		11/18/24		1338			
		78		CS78		0.25		C 1		X		11/18/24		1340			
		79		CS79		0.25		C 1		X		11/18/24		1409+			
		80		CS80		0.25		C 1		X		11/18/24		1352			
<small>PLEASE NOTE: Locality and Description, Container's locality and identity exclusively intended for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. In no event shall Client be held liable for negligence and any other cause whatsoever related to the claimed services unless proven otherwise. Voiding without limitation, business interruptions, loss of time, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of analytical services provided by Cardinal. Expressions of warranty upon claim is based upon any of the above stated reasons or otherwise.</small>																	
Relinquished By:		Date: 11/19/24		Received By:		Date: 11/19/24		Time: 1405		Signature: [Signature]		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:			
Relinquished By:		Date:		Received By:		Date:		Time:		Signature:		REMARKS: Paykey/AE/NonAFE:		All Results are emailed. Please provide Email address: smackenzie@ensolum.com / wade_dittrich@oxy.com			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp.: °C Corrected Temp.: °C		Sample Condition Cool Intact <input checked="" type="checkbox"/> <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials)		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Backlog (only Sample Condition)		Thermometer ID: #140 Correction Factor: -0.3°C		Yes <input type="checkbox"/> No <input type="checkbox"/>			
		0.9 0.3				[Signature]						e.g., 11/19/24		Yes <input type="checkbox"/> No <input type="checkbox"/>			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

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

Prerequisites	
Incident ID (n#)	nAPP2202557399
Incident Name	NAPP2202557399 CORRAL FLY 2-1 STATE CTB @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Received

Location of Release Source

Please answer all the questions in this group.

Site Name	CORRAL FLY 2-1 STATE CTB
Date Release Discovered	01/19/2022
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure 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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 01/15/2025
--	---

Sante Fe Main Office
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	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 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 ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	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
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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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)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 01/15/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 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

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

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QUESTIONS, Page 6

Action 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

Sampling Event Information	
Last sampling notification (C-141N) recorded	418747
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2025
What was the (estimated) number of samples that were to be gathered	179
What was the sampling surface area in square feet	35794

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
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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