

#### **CLOSURE REPORT**

Property:

Corral Gorge 12 13 Federal Com 32H

Unit A, S11, T25S, R29E 32.151253° N, 103.949193° W Eddy County, New Mexico NMOCD Incident ID: nAPP2328544895

October 8, 2024 Ensolum Project No. 03B1417116

Prepared for:
Oxy USA, Inc.
PO Box 4324
Houston, Texas 77210

**Attn: Wade Dittrich** 

Prepared by:

Kelly Lowery GIT Project Manager

Heather Holthaus Senior Project Manager Corral Gorge 12 13 Federal Com 32H

Closure Report

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#### **CLOSURE REPORT**

Corral Gorge 12 13 Federal Com 32H

Unit A, S11, T25S, R29E 32.151253° N, 103.949193° W Eddy County, New Mexico NMOCD Incident ID: nAPP2328544895

Ensolum Project No. 03B1417116

#### 1.0 INTRODUCTION

# 1.1 Site Description and Background

Operator:	Oxy USA, Inc. (Oxy)
Site Name:	Corral Gorge 12 13 Federal Com 32H
Location:	Unit A, Section 11, Township 25 South, Range 29 East 32.151253° N, 103.949193° W Eddy County, New Mexico
Property:	New Mexico State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On October 6, 2023, Oxy had a release of crude oil and produced water at the Site due to a flow line rupture that resulted in an overspray into the nearby pasture. The line was isolated, depressurized, locked, and tagged out. Approximately 3 barrels (bbls) of crude oil and 4 bbls of produced water were released onto the ground surface, with none recovered. Oxy reported the release to the New Mexico EMNRD OCD via a report through the online notice of release (NOR) form on October 12, 2023. The release was assigned Incident Number nAPP2328544895.

The **Topographic Map** depicting the location of the Site is included as **Figure 1**, and the **Site Vicinity Map** is included as **Figure 2** in **Appendix A**.

# 1.2 Project Objective

The primary objective of the closure activities was to reduce chemicals of concern (COC) concentrations in the on-Site soil to be in compliance with the applicable New Mexico EMNRD OCD closure criteria concentrations.

## 2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. In order to address activities related to exempt oil and gas releases, the New Mexico EMNRD OCD references New



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Mexico Administrative Code (NMAC) 19.15.29 *Releases,* which establishes investigation and abatement action requirements for sites subject to reporting and/or corrective action. Ensolum, LLC (Ensolum) utilized information provided by Oxy, the general Site characteristics, and information available from the New Mexico Office of the State Engineer (OSE) and the New Mexico EMNRD OCD Imaging database to determine the appropriate closure criteria for the Site. The gas portion of this release constitutes venting that occurred during an emergency or a malfunction, as authorized by the New Mexico EMNRD OCD regulations at NMAC 19.15.28.8.A and B(1). This release, therefore, is not prohibited by NMAC 19.15.29.8.A. Supporting documentation and figures associated with the following bullets are provided in **Appendix B**.

- One exploratory water well (C-04604) was identified within a 0.5-mile radius of the Site
  on the OSE Water Rights Reporting System (WRRS) database. The well was installed
  in April 2022 to a depth of 102 feet below ground surface (bgs), with no groundwater
  encountered.
- The Site is not located within 300 feet of a New Mexico ENMRD OCD-defined continuously flowing watercourse or significant watercourse.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church.
- According to the OSE WRSS database, there are no private, domestic freshwater wells used by less than five households for domestic or stock water purposes identified within 500 feet of the Site.
- According to the OSE WRSS database, no freshwater wells have been identified within 1,000 feet of the Site.
- The Site is not located within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to New Mexico Statute Annotated (NMSA) 1978, Section 3-27-3.
- The Site is located within 300 feet of a wetland. A riverine intermittent streambed that is intermittently flooded is located within 100 feet north/northwest of the Site.
- Based on information identified on the New Mexico Mining and Minerals Division's Geographical Information System (GIS), Maps, and Mine Data database, the Site is not located within an area overlying a subsurface mine.
- Based on the Karst Occurrence Potential (.kmz) provided by the BLM, the Site is not located within an unstable area, also referred to as high karst potential.
- The Site is not located within a 100-year floodplain.

Based on the identified siting criteria, cleanup goals for soils remaining in place at the Site include:



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CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE										
Minimum depth below any point within horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit							
	Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg							
≤ 50 feet	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg							
≥ 20 leer	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg							
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg							

#### 3.0 SOIL REMEDIATION ACTIVITIES

On October 6, 2023, Oxy had a release of crude oil and produced water at the Site due to a flow line rupture that resulted in an overspray into the nearby pasture. The line was isolated, depressurized, locked, and tagged out. Approximately 3 bbls of crude oil and 4 bbls of produced water were released onto the ground surface, with none recovered.

Due to the Site being located on NMSLO land, an Archeological Records Management System (ARMs) Review was required prior to beginning remediation activities. This review would determine if any known cultural properties had been previously identified within the proposed remediation area and if the area had been previously surveyed for cultural resources.

On March 5, 2024, on behalf of Oxy, Beaver Creek Archaeology and Environmental (Beaver Creek) presented their ARMs Review findings to the NMSLO. Their review indicated that there was one eligible site, LA 186663, within a 100-foot cultural buffer zone of the proposed remediation area and that the vast majority of the area had undergone previous surveys.

On June 20, 2024, Oxy was awarded a positive response ARMs Review and approval from NMSLO to proceed with remediation activities as long as an approved archeological monitor was present to oversee the protection of the LA 186663 site.

On July 5, 2024, Ensolum and Beaver Creek arrived on-Site to collect 48 composite soil samples from the overspray impact area (FS-01 through FS-48) at a depth of 0.25 feet bgs. Additionally, Ensolum collected 10 confirmation delineation soil samples (DS-01 through DS-10) from locations no more than one to two-feet outside of the excavation area at a depth of 0.25 feet bgs. Based on laboratory analytical data, additional excavation and/or remediation activities were necessary.

On August 13, 2024, subsequent to excavation activities, Ensolum arrived on-Site to collect 16 composite soil samples from the recently excavated overspray impact area floor (FS-04, FS-08, FS-09, FS-10, FS-14, FS-15, FS-19, FS-22, FS-27, FS-30, FS-33, FS-37, FS-39, FS-40, FS-45, and FS-47) at a depth of 0.50 feet bgs, and 16 composite soil sampled from the excavation sidewalls (SW-04, SW-08, SW-09, SW-10, SW-14, SW-15, SW-19, SW-22, SW-27, SW-30, SW-



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33, SW-37, SW-39, SW-40, SW-45, and SW-47) at a depth of 0.50 feet bgs. Additionally, two confirmation delineation soil samples (DS-02 and DS-06) were re-collected at a depth of 0.50 feet bgs. Based on laboratory analytical data, no additional scraping activities or remediation activities were necessary.

The composite soil samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons (TPH), gasoline range organics (GRO), diesel range organics (DRO), motor oil/lube oil range organics (MRO), chloride, and/or methanol in accordance with the New Mexico EMNRD OCD Closure Criteria for Soils Impacted by a Release (≤ 50 feet) (NMOCD Closure Criteria).

The final excavation area measured approximately 200 feet long and 35 to 65 feet wide at the maximum extent, with a depth of 0.25 to 0.50 feet bgs.

The lithology encountered during the completion of closure activities consisted primarily of a loamy sand.

The excavation measured approximately 9,600 square feet in aerial extent. A total of approximately 118 cubic yards (cy) of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Lea Land Facility located in Hobbs, New Mexico. After completion of confirmation sampling, the excavation was backfilled utilizing material purchased locally from the Lea Land Caliche Pit and recontoured to match pre-existing conditions. A NMSLO-approved seed mixture will be sown into the surface area of the backfill for re-vegetation.

**Figure 3** is a map that identifies approximate soil sample locations and depicts the approximate dimensions of the impacted blowout bell hole extent and the pipeline repair over excavation extent with respect to the pipeline (**Appendix A**). Photographic documentation of the field activities is included in **Appendix C**.

#### 4.0 SOIL SAMPLING PROGRAM

Ensolum's soil sampling program from July 5, 2024 through August 13, 2024 included the collection of a total of 64 composite soil samples from 48 locations from the excavation floor (FS-01 through FS-48), 16 composite soil samples from 16 locations from the excavation sidewalls (SW-04, SW-08, SW-09, SW-10, SW-14, SW-15, SW-19, SW-22, SW-27, SW-30, SW-33, SW-37, SW-39, SW-40, SW-45, and SW-47), and 12 delineation soil samples from 10 locations outside of the excavation area (DS-01 through DS-10) for laboratory analysis. Additionally, one composite soil sample was collected from the backfill material prior to use at the Site (Lea Land Caliche Pit).

The composite soil samples were collected and placed in laboratory-prepared glassware, labeled/sealed using laboratory-supplied labels and custody seals, and stored on ice in a cooler. The samples were relinquished to Cardinal Laboratories in Hobbs, New Mexico, under proper chain-of-custody procedures.

## 5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for BTEX following the United States Environmental Protection Agency (EPA) SW-846 Method 8021B, TPH GRO/DRO/MRO following EPA SW-846 Method 8015M/D, and chloride using SM4500Cl-B.



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Laboratory analytical results are summarized in **Table 1** in **Appendix D**. The executed chain-of-custody forms and laboratory data sheets are provided in **Appendix E**.

#### 6.0 DATA EVALUATION

Ensolum compared the benzene, total BTEX, TPH-GRO/DRO/MRO, and chloride concentrations or laboratory sample detection limits (SDLs) associated with the final composite soil samples from the excavated overspray impact area (FS-01 through FS-48, SW-04, SW-08, SW-09, SW-10, SW-14, SW-15, SW-19, SW-22, SW-27, SW-30, SW-33, SW-37, SW-39, SW-40, SW-45, and SW-47) and the confirmation lateral delineation soil samples (DS-01 through DS-10) for soils left in place at the Site and the backfill material (Lea Land Caliche Pit) to the NMOCD Closure Criteria.

- Laboratory analytical results indicated benzene concentrations for the final composite soil samples collected from the excavated overspray impact area, the final delineation samples outside of the overspray impact area, and the backfill material did not exceed the laboratory SDLs or the NMOCD Closure Criteria of 10 milligrams per kilogram (mg/kg).
- Laboratory analytical results indicated that total BTEX concentrations for the final composite soil samples collected from the excavated overspray impact area, the final delineation samples outside of the overspray impact area, and the backfill material did not exceed the laboratory SDLs or the NMOCD Closure Criteria of 50 mg/kg.
- Laboratory analytical results indicated combined TPH-GRO/DRO/MRO concentrations for the final composite soil samples collected from the excavated overspray impact area, the final delineation samples outside of the overspray impact area, and the backfill material did not exceed the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 100 mg/kg for depth to groundwater ≤50 feet.
- Laboratory analytical results indicated chloride concentrations for the final composite soil samples collected from the excavated overspray impact area, the final delineation samples outside of the overspray impact area, and the backfill material did not exceed the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 600 mg/kg for depth to groundwater ≤50 feet.

Laboratory analytical results are summarized in Table 1 in Appendix D.

#### 7.0 RECLAMATION AND RE-VEGETATION

- The release occurred off-pad, and as such, a reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the off-pad area that was impacted by the release per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation. The following Reclamation Plan addresses reclamation of the off-pad area: The soil in the vicinity of the release includes: predominately loamy sand;
- The excavation was backfilled with locally sourced topsoil from the Lea Land Caliche
  Pit and recontoured to match the surrounding grade;



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- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the NMSLO to meet reclamation standards for this region, which will be Loamy Sand and Deep Sand (SD-3) Sites Seed Mixture as described in the NMSLO Revegetation Guidelines Handbook for Southeastern New Mexico, dated 2018;
- The seed mixture will be distributed with one of the following methods: push broadcaster seed spreader/tractor-operated broadcast seed spreader/drill seeding / other means;
- Application of the seed mixture will be at a coverage of either 10 pounds of seeds per acre of reclaimed pasture with distribution by a drilling method or 20 pounds of seeds per acre of reclaimed pasture with distribution by a broadcast method, whichever is more applicable;
- Erosion control management will potentially include:
  - The placement of waddles in areas with a propensity for high run-off rates;
  - Straw cover if high winds are anticipated to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
  - Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas.
- Backfilling of the excavation has already been completed;
- Seeding is anticipated to be completed in the spring/summer when temperatures and
  precipitation are most conducive for vegetation growth. In general, seeding should
  occur approximately one month after the last frost in the Spring up until approximately
  one month prior to the first fall frost. NMSLO has recognized the optimal time to seed
  is between July and early September, which will be adhered to for this Site;
- Annual inspections (at a minimum) will take place on the location until revegetation is consistent with local natural vegetation density. The Site will be inspected the following Spring/Fall to assess the success of regrowth. If necessary, an additional application of the NMSLO-approved pure live seed mixture will be applied as well, and any needed BMPs will be installed to support growth and limit erosion;

#### 8.0 FINDINGS AND RECOMMENDATION

- On October 6, 2023, Oxy had a release of crude oil and produced water at the Site
  due to a flow line rupture that resulted in an overspray into the nearby pasture. The
  line was isolated, depressurized, locked, and tagged out. Approximately 3 bbls of
  crude oil and 4 bbls of produced water were released onto the ground surface, with
  none recovered.
- Ensolum's soil sampling program from July 5, 2024 through August 13, 2024 included the collection of a total of 64 composite soil samples from 48 locations from the excavation floor (FS-01 through FS-48), 16 composite soil samples from 16 locations from the excavation sidewalls (SW-04, SW-08, SW-09, SW-10, SW-14, SW-15, SW-



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19, SW-22, SW-27, SW-30, SW-33, SW-37, SW-39, SW-40, SW-45, and SW-47), and 12 delineation soil samples from 10 locations outside of the excavation area (DS-01 through DS-10) for laboratory analysis. The composite floor samples were collected at a depth of 0.25 to 0.50 feet bgs; the composite sidewall samples were collected at a depth of 0.50 feet bgs; and the delineation samples were collected outside of the excavation area at a depth of 0.25 to 0.50 feet bgs. Additionally, one composite soil sample was collected from the backfill material prior to use at the Site (Lea Land Caliche Pit).

- The primary objective of the closure activities was to reduce COC concentrations in the on-Site soil to be in compliance with applicable NMOCD Closure Criteria for Soils Impacted by a Release using the New Mexico EMNRD OCD's NMAC 19.15.29 Releases as guidance.
- The final excavation area measured approximately 200 feet long and 35 to 65 feet wide at the maximum extent, with a depth of 0.25 to 0.50 feet bgs.
- Based on laboratory analytical results, the final composite soil samples collected from the excavated overspray impact area, the final confirmation lateral delineation samples outside of the overspray impact area, and the composite backfill material did not exhibit benzene, total BTEX, TPH GRO/DRO/MRO or chloride concentrations above the applicable NMOCD Closure Criteria.
- Subsequent to the results of the final composite soil sampling, the excavation was backfilled with locally sourced topsoil from the Lea Land Caliche Pit and recontoured to the original surrounding grade. Once the areas are brought back to their original grade, an NMSLO-approved seed mixture will be sown into the surface of the backfill for re-vegetation per the above-stated Reclamation Plan.

Based on field observations and laboratory analytical results, no additional investigation or corrective action appears warranted at this time.

# 9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

## 9.1 Standard of Care

Ensolum's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties). This scope of services was performed in accordance with the scope of work agreed with the client, as detailed in our proposal.

#### 9.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum



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cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions in other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings and recommendations are based solely upon data available to Ensolum at the time of these services.

#### 9.3 Reliance

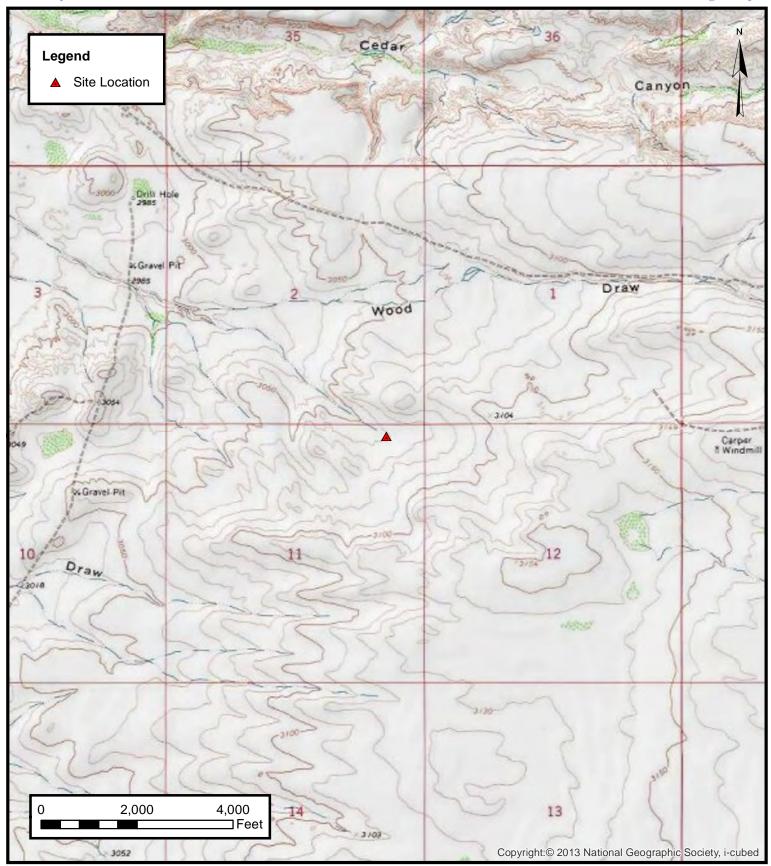
This report has been prepared for the exclusive use of Oxy USA, Inc., and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Oxy USA, Inc. and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the Closure Report and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.





**APPENDIX A** 

Figures



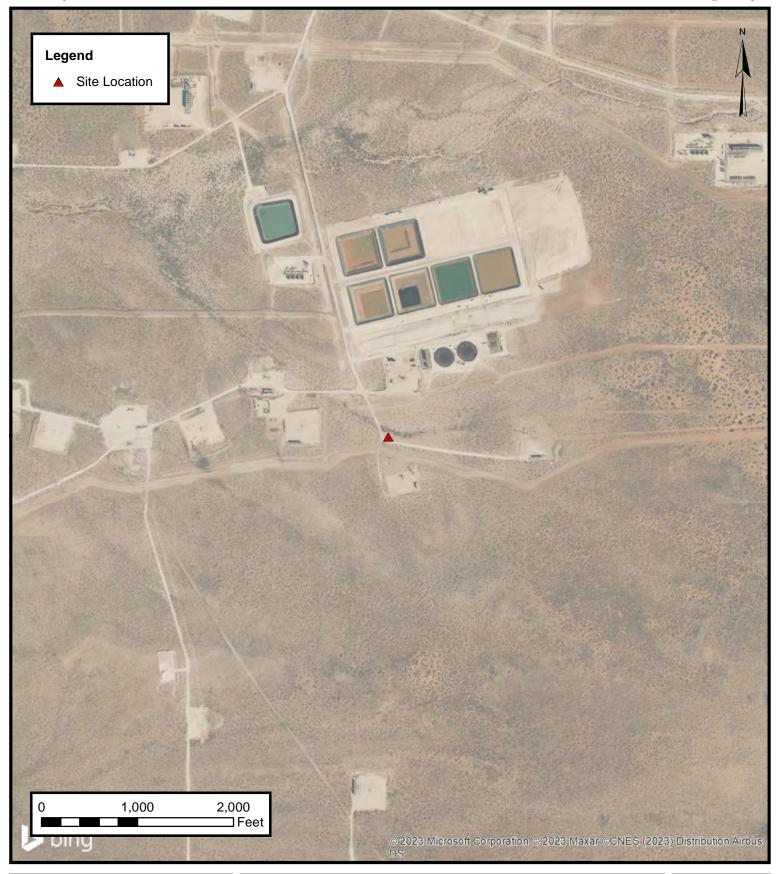


# **Topographic Map** Oxy USA, Inc.

Oxy USA, Inc.
Corral Gorge 12 13 Federal Com. 32H
32.151253° N, 103.949193° W
Unit A, Sec 11, T25S, R29E
Eddy County, New Mexico
PROJECT NUMBER: 03B1417116

FIGURE 1

Released to Imaging: 11/1/2024 11:34:18 AM

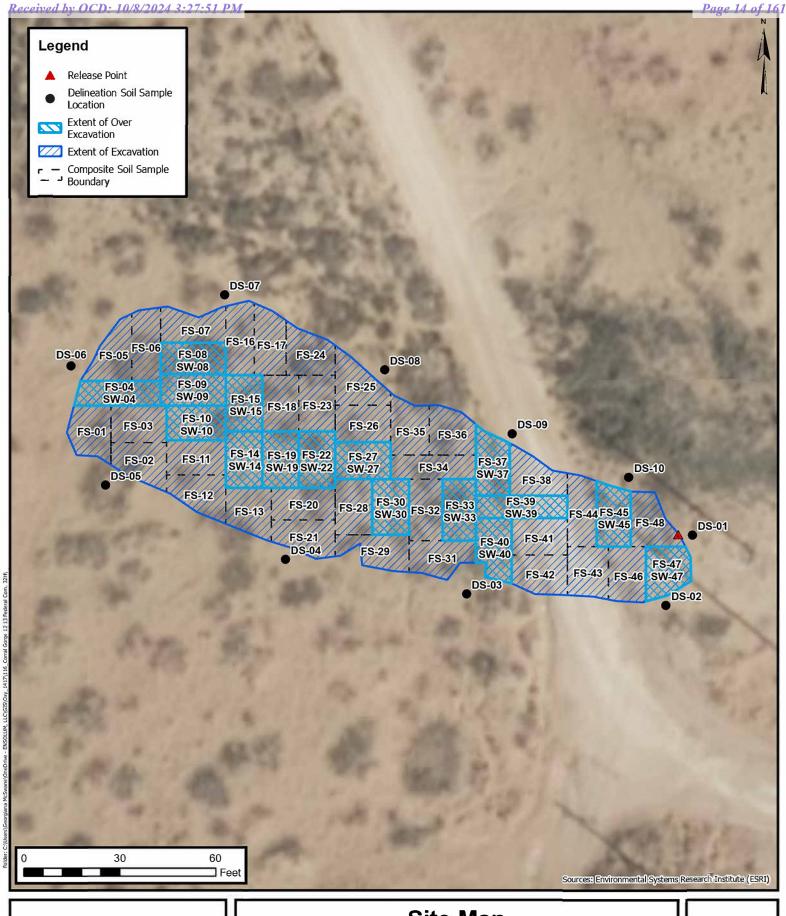




# **Site Vicinity Map**

Oxy USA, Inc.
Corral Gorge 12 13 Federal Com. 32H
32.151253° N, 103.949193° W
Unit A, Sec 11, T25S, R29E
Eddy County, New Mexico
PROJECT NUMBER: 03B1417116

FIGURE 2





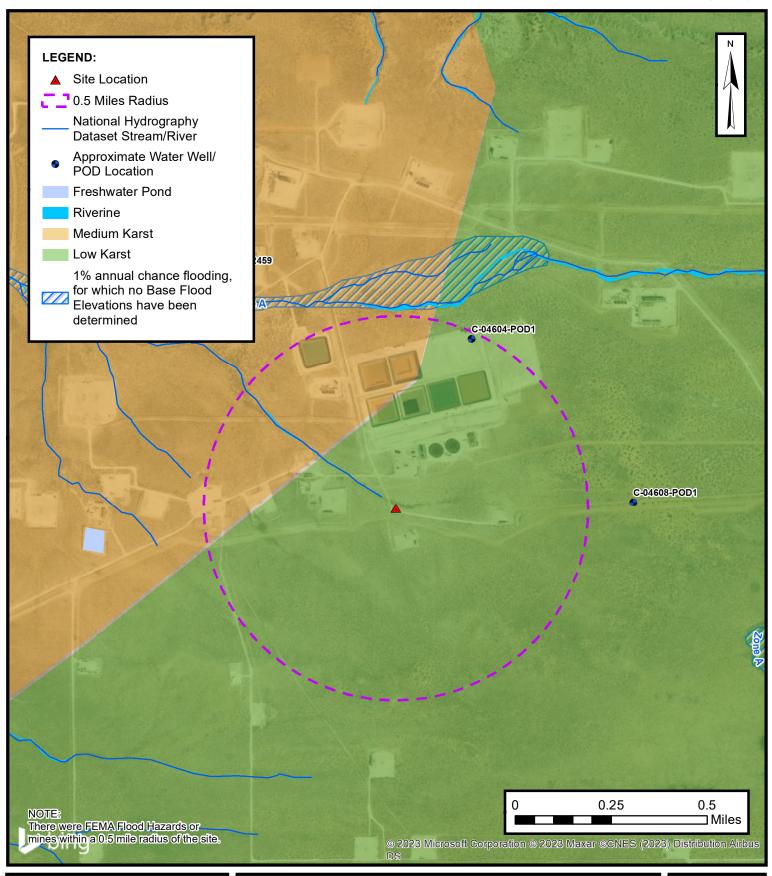
# Site Map Oxy USA, Inc.

Oxy USA, Inc.

Corral Gorge 12 13 Federal Com. 32H
32.151253° N, 103.949193° W
Unit A, Sec 11, T25S, R29E
Eddy County, New Mexico
PROJECT NUMBER: 03B1417116

FIGURE 3

Released to Imaging: 11/1/2024 11:34:18 AM



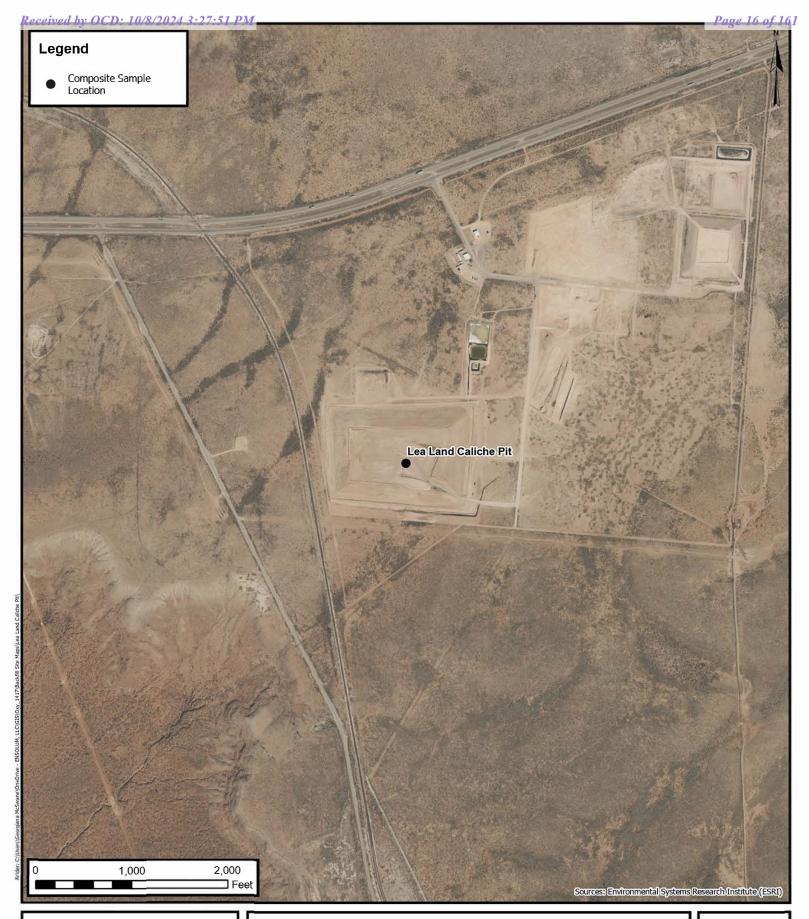


# **Closure Criteria Map**

Oxy USA, Inc.

Corral Gorge 12 13 Federal Com. 32H
32.151253° N, 103.949193° W
Unit A, Sec 11, T25S, R29E
Eddy County, New Mexico
PROJECT NUMBER: 03B1417116

FIGURE 4





# **Backfill Site Map**

Lea Land Caliche Pit 32.5232397° N, 103.7845410° W Lea County, New Mexico FIGURE 5



**APPENDIX B** 

**Supporting Documentation** 

# **Kelly Lowery**

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Sent: Wednesday, July 10, 2024 3:01 PM

**To:** Kelly Lowery

**Cc:** Dittrich, John W; Beaux Jennings; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD;

Velez, Nelson, EMNRD

**Subject:** Final Extension - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

# [ \*\*EXTERNAL EMAIL\*\*]

RE: Incident #NAPP2328544895

#### Kelly,

Your request for an extension to **October 8th, 2024** is approved. Multiple extensions have been granted for this incident, this will be the **last extension granted** for this release. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

**Sent:** Wednesday, July 10, 2024 1:05 PM

**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

From: Kelly Lowery < <u>klowery@ensolum.com</u>>
Sent: Wednesday, July 10, 2024 12:26 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >

Cc: Dittrich, John W < Wade Dittrich@oxy.com >; Beaux Jennings < bjennings@ensolum.com >

Subject: [EXTERNAL] Extension Request - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon,

On behalf of Oxy USA, Inc, Ensolum, LLC would like to request a 90-day extension for the Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895). The release occurred on 10/6/2023, and after conducting an initial Site Assessment of the area, it was determined that delineation and excavation of impacted and/or waste containing soils was needed.

This release occurred on NMSLO land, and as such, required an ARMs review prior to beginning any remediation and/or delineation activities per the requirement of NMSLO's ECO department. Ensolum began working in conjunction with Beaver Creek Archeology, a New Mexico permitted consultant, on March 4, 2024 to have this ARMs review completed and reviewed by the NMSLO, and after many months of back and forth with the State, was finally awarded an approval and acknowledgement from NMSLO of the review with remarks on May 20, 2024. Per correspondence with Anne Curry at the Cultural Resources Office, an Arch monitor would have to be present during any remediation and/or delineation at the Site.

Initial delineation activities at the Site have been delayed due to scheduling conflicts between Ensolum and Beaver Creek but have been able to begin this month (July 2024). Based on the initial delineation activities and the associated field screenings and/or sample results, we will determine if remediation is warranted and will require a remediation plan to continue clean-up at the Site.

We respectfully ask that the OCD grants us this 90-day extension so we may continue with our goal of delineating and/or remediating this Site to the OCD's applicable Closure Criteria for this location.

Thank you and have a great day,



# **Kelly Lowery**

From: Hamlet, Robert, EMNRD < Robert.Hamlet@emnrd.nm.gov>

**Sent:** Friday, April 12, 2024 3:42 PM

To: Kelly Lowery

**Cc:**Beaux Jennings; wade\_dittrich@oxy.com; Tyson\_Pierce@oxy.com; Bratcher, Michael,

EMNRD; Wells, Shelly, EMNRD; Velez, Nelson, EMNRD

Subject: (Final Extension) - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

## [ \*\*EXTERNAL EMAIL\*\*]

RE: Incident #NAPP2328544895

#### Kelly,

Your request for a 90 day extension to **July 11th, 2024** is approved. This will be the **final extension** for this release. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

**Sent:** Friday, April 12, 2024 1:51 PM

**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

From: Kelly Lowery <klowery@ensolum.com>

Sent: Friday, April 12, 2024 11:54 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Beaux Jennings <br/>
Sjennings@ensolum.com>; Dittrich, John W <Wade Dittrich@oxy.com>; Pierce, Tyson (Legacy

Safety & Consulting LLC) <tyson pierce@oxy.com>

Subject: [EXTERNAL] Extension Request - Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to request a 90-day extension for the Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895). The release occurred on 10/6/2023, and after conducting an initial Site assessment of the area, it was determined that delineation and excavation of impacted and/or waste containing soils was needed. An original extension request was submitted on 01/12/2024 and approved by the OCD on 01/16/2024 due to closure of the impacted lease road and multiple pipelines within the vicinity of the release hindering remediation activities.

The remediation work needed at the Site requires an ARMs survey through the State Land Office, which is currently pending. Following completion of the ARMs survey, remediation activities will resume.

Per correspondence with Ms. Shelly Wells this morning, it appears that an initial C-141 was not submitted for this project and asked that we submit the initial C-141 and once complete, resubmit the extension request. The initial C-141 has been submitted as of this afternoon. I apologize again for any inconvenience.

Thank you,



From: Hamlet, Robert, EMNRD

To: Beaux Jennings

Cc: Dittrich, John W; Pierce, Tyson (Legacy Safety & Consulting LLC); Kelly Lowery; Bratcher, Michael, EMNRD;

Wells, Shelly, EMNRD; Velez, Nelson, EMNRD

Subject: (Extension Approval) Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

**Date:** Tuesday, January 16, 2024 10:20:15 AM

Attachments: image006.png

image007.png image008.png image009.png

You don't often get email from robert.hamlet@emnrd.nm.gov. Learn why this is important

# [ \*\*EXTERNAL EMAIL\*\*]

RE: Incident #NAPP2328544895

#### Beaux,

Your request for a 90 day extension to **April 15th, 2024** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Friday, January 12, 2024 2:24 PM

**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

**From:** Beaux Jennings < bjennings@ensolum.com>

Sent: Friday, January 12, 2024 2:02 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

**Cc:** Dittrich, John W < <u>Wade\_Dittrich@oxy.com</u>>; Pierce, Tyson (Legacy Safety & Consulting LLC)

<<u>Tyson\_Pierce@oxy.com</u>>; Kelly Lowery <<u>klowery@ensolum.com</u>>

**Subject:** [EXTERNAL] Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to request a 90-day extension for the Corral Gorge 12 13 Federal Com. 32H (Incident ID: nAPP2328544895). Excavation activities are currently being conducted at the site and require more time, due to closure of the impacted lease road and multiple pipelines within the vicinity of the release. Please let us know if you have any questions.

Thank you,





	OSE POD NO.		)	WELL TAG ID NO.			OSE FILE NO(S)							
ON	POD1 (SB-1)								C- 04604					
GENERAL AND WELL LOCATION	WELL OWNE				PHONE (OPTIONAL) 575-390-2828									
רנ	WELL OWNE	ER MAILING	ADDRESS		CITY	_	STAT	E	ZIP					
WEL	PO BOX 4	294						HOUSTON		TX	77210			
ND	WELL		DE	GREES	MINUTES	SECO								
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NOL	DRILLING FL	TIID:	✓ AIR	MUD	ADDITIV	/ES – SPE	CIFY:							
MA	DRILLING M		ROTARY	HAMMER	-			R – SPECIFY:						
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NN									USC. 231 Fire	1 7 4	WEL			
3. A														
FOR	OSE INTER	NAL USE						WR-2	0 WELL RECORD	& LOC	G (Version 04/30	0/19)		

Released to Imaging: 11/1/2024 11:34:18 AM

PAGE 1 OF 2

WELL TAG ID NO.

			OF THE RESERVE OF THE PERSON O							
	DEPTH (1	feet bgl)	THICKNESS		D TYPE OF MATERIAL E			WAT BEAR		ESTIMATED YIELD FOR
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	10	20			SANDY CALICHE			Y	√ N	
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	32	63			RED SAND			Y	√N	
	63	80			BROWN FINE SAND			Y	√ N	
7	80	82			SAND SMALL GRAVE	L		Y	√ N	
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507								Y	N	
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SION	WELL TEST  TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOS START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.									
SVIS	MISCELLA	NEOUS INF	FORMATION: W	ELL WAS DRY SO	IT WAS BACKFILLED	WITH	CUTTINGS WIT	HING 72 H	IOURS	
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r; RI										
TEST; RIG SUPERVI	PRINT NAN	ME(S) OF D	RILL RIG SUPER	RVISOR(S) THAT PRO	VIDED ONSITE SUPERVI	SION O	F WELL CONSTR	UCTION O	THER TH	IAN LICENSEE:
3										
BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AN RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING RUSSELL SOUTHERLAND  04/19/2022										ND CORRECT
										ND THAT THIS LING.
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		JIGHAI	ONE OF DRIEDE	, THE SIGNEE					DILLE	_
	OSE INTER	NAL USE			13		I	ECORD & 1	LOG (Vei	rsion 04/30/2019)
_	E NO.				POD NO.		TRN NO.			
LOC	CATION					WELL	TAG ID NO.			PAGE 2 OF 2

Mike A. Hamman, P.E. State Engineer



Ruswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

# STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr:

722106

File Nbr:

C 04604

Well File Nbr: C 04604 POD1

May. 04, 2022

MR. WADE DITTRICH OXY USA INC PO BOX 4294

HOUSTON, TX 77210

#### Greetings:

The above numbered permit was issued in your name on 03/24/2022.

The Well Record was received in this office on 05/04/2022, stating that it had been completed on 04/19/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/24/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Amaral (575) 622 - 6521

drywell

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

# STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr:

722106

File Nbr:

C 04604

Well File Nbr: C 04604 POD1

May. 04, 2022

MR. BEAUX JENNINGS ENSOLUM LLC 705 W WADLEY AVE STE 240 MIDLAND, TX 79705

Greetings:

The above numbered permit was issued in your name on 03/24/2022.

The Well Record was received in this office on 05/04/2022, stating that it had been completed on 04/19/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/24/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Amaral (575) 622-6521

drywell



	_						T					
OSE POD NO. C-4608	(WELL N	0.)		WELL TAG ID NO. n/a			OSE FILE NO( POD-1	S).				
WELL OWNER NAME(S) Lucid Energy Delaware, LLC							PHONE (OPTIONAL)					
		IG ADDRESS					CITY Artesia		STAT NM		ZIP	
WEII	T	D	EGREES	MINUTES	SECON	IDS						
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				RESS AND COMMON	LANDM	ARKS – PLS	SS (SECTION, TO	WNSHJIP, RANGE) WH	IERE A	VAILABLE		
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FROM	то		GRA	VEL PACK SIZE	-RANGE			(cubic feet)		PLACEMENT		
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OSE INTER	NAL US	Е					WR-2	0 WELL RECORD	& LO	G (Version 01/2	8/2022)	
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ATION	12		07		.2		WELL TAG I				1 OF 2	
	C-4608  WELL OWNE Lucid Ener  WELL OWNE 201 S. 4th :  WELL LOCATION (FROM GP  DESCRIPTION NE NE NV  LICENSE NO 124  DRILLING FI  DRILLING FI  DRILLING FI  DRILLING FI  FROM  DEPTH FROM  OSE INTER NO.	WELL OWNER NAME( Lucid Energy Dela  WELL OWNER MAILIN 201 S. 4th St.  WELL LOCATION (FROM GPS)  DESCRIPTION RELAT NE NE NW Sec 12  LICENSE NO. 1249  DRILLING STARTED 04/19/2022  COMPLETED WELL IS  DRILLING METHOD:  DEPTH (feet bgl) FROM TO  DEPTH (feet bgl) FROM TO  OSE INTERNAL US NO.	WELL OWNER NAME(S) Lucid Energy Delaware, LLC  WELL OWNER MAILING ADDRESS 201 S. 4th St.  WELL LOCATION LATITUDE (FROM GPS) LONGITUDE  DESCRIPTION RELATING WELL LOCATION TO NE NE NW Sec 12 T25S R29E, NMPN  LICENSE NO. 1249  DRILLING STARTED O4/19/2022  COMPLETED WELL IS: ARTESIAN  DRILLING FLUID: AIR  DRILLING METHOD: ROTARY HAM  DEPTH (feet bgl) BORE HOLE FROM TO DIAM (inches)  DEPTH (feet bgl) BORE HOLE DIAM (inches)  DEPTH (feet bgl) BORE HOLE OIAM. (inches)  OSE INTERNAL USE  NO	C-4608  WELL OWNER NAME(S) Lucid Energy Delaware, LLC  WELL OWNER MAILING ADDRESS 201 S. 4th St.  WELL LOCATION (FROM GPS)  DESCRIPTION RELATING WELL LOCATION TO STREET ADD NE NE NW Sec 12 T25S R29E, NMPM  LICENSE NO. 1249  DRILLING STARTED 04/19/2022  COMPLETED WELL IS: ARTESIAN  DRY HO  DRILLING FLUID: AIR MUD  DRILLING METHOD: ROTARY  DEPTH (feet bgl) FROM TO  DIAM (inches)  DEPTH (feet bgl) FROM TO  DIAM. (inches)  DEPTH (feet bgl) FROM TO  DEPTH (feet bgl)	WELL OWNER NAME(S) Lucid Energy Delaware, LLC  WELL OWNER MAILING ADDRESS 201 S. 4th St.  WELL LOCATION (FROM GPS) LONGITUDE  DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON NE NE NW Sec 12 T25S R29E, NMPM  LICENSE NO. 1249  DRILLING STARTED O4/19/2022  O4/19/2022  O4/19/2022  O4/19/2022  DRILLING FLUID: AIR MUD ADDITIVE SHALLO  DRILLING MUD ADDITIVE SHALLO  DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTH  DEPTH (feet bgl) BORE HOLE FROM TO DIAM (inches)  DEPTH (feet bgl) BORE HOLE GRADE (include each casing string, note sections of screen)  DEPTH (feet bgl) BORE HOLE GRAVEL PACK SIZE  OSE INTERNAL USE  NO. CAUCO STANDARD POD NO.	WELL OWNER NAME(S) Lucid Energy Delaware, LLC  WELL OWNER MAILING ADDRESS 201 S. 4th St.  WELL LOCATION (FROM GPS)  LATITUDE  DEGREES  MINUTES SECON 32 9 5.3  MEDITOR SECON (FROM GPS)  LATITUDE  103 56 19.4  DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDM.  NE NE NW Sec 12 T25S R29E, NMPM  LICENSE NO.  1249  DRILLING ENDED 04/19/2022  DEPTH OF COMPLETED WELL (FT) temporary well material  DEPTH (feet bg) DIAM (inches)  DEPTH (feet bg) DEPTH (feet bg) DEPTH (feet bg) DIAM (inches)  DEPTH (feet bg) DEP	WELL OWNER NAME(S) Lucid Energy Delaware, LLC  WELL OWNER MAILING ADDRESS 201 S. 4th St.  WELL LOCATION (FROM GPS)  LAITIUDE  DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - FLS  NE NE NW Sec 12 T25S R29E, NMPM  LICENSE NO. 1249  DRILLING STARTED 04/19/2022  DRILLING STARTED 04/19/2022  COMPLETED WELL IS: ARTESIAN  DRY HOLE SHALLOW (UNCONFINED)  DRILLING METHOD: ROTARY HAMMER CABLE TOOL  FROM TO DIAM (inches)  DEPTH (feet bgl) DEPTH	WELL OWNER NAME(S) LUCID Energy Delaware, LLC  WELL OWNER MAILING ADDRESS 201 S. 4th St.    WELL LOWNER MAILING ADDRESS   CITY Artesia	MELL OWNER NAME(S) LUCKIÉ ENERGY DELBWARE, LLC  WELL OWNER MAILING ADDRESS 201 S. 4th St.  WELL LOCATION LATITUDE 32 9 5.31 N CITY Artesia  DEGREES MINUTES SECONDS LONGITUDE 103 56 19.42 W  DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WINDEN NOWNER MAILING ENDER AT THE WILL AND LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WINDEN NOWNER NOWNER OF LICENSED DRILLER 1249  DRELLING STATED O4/19/2022 04/19/2	MULLOWINER MANABES) LUCIÓE DEGRES MULTES MINUTES MINU	C-4608   Da/A   POD-1  WELLOWNER MANERS LICE   FHONE (OPTIONAL)    WELLOWNER MAILENG ADDRESS   TITY   STATE    Artesia   NM   88210    WELL   DECREES   MINUTES   SECONDS    (IDCATION (FROM GPS)   103   56   19.42   W    DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - TLSS (SECTION, TOWNSHIJP, RANGE) WHERE AVAILABLE    NEN EN W Sec 12 T25S R29E, MMPM  LICENSE NO.   1249   Jackie D. Atkins    DEBLILING STATED   DEBLING ENDED   DEPTH OF COMPLICITE WELL (9T)   DA/19/2022    DEBLILING STATED   DEBLING ENDED   DEPTH OF COMPLICITE WELL (9T)   DA/19/2022    DEBLILING STATED   DEBLING ENDED   DEPTH OF COMPLICITE WELL (9T)   DATE STATE WATER LEVEL   DA/19/2022    DEBLILING STATED   DEBLING ENDED   DEPTH OF COMPLICITE WELL (9T)   DATE STATE WATER LEVEL   DA/19/2022    DEBLING STATED   DAIL   ARTESIAN   DRY HOLE   SHALLOW (UNCONSTREE)   STATE WATER LEVEL   DA/19/2022    DEBLING STATE   DAIL   DATE STATE   DATE STATE   DATE STATE    DEBLING STATE   DATE   DATE   DATE   DATE STATE    DEBLING STATE   DATE   DATE   DATE   DATE   DATE   DATE   DATE   DATE    DEBLING STATE   DATE   DATE   DATE   DATE   DATE   DATE   DATE   DATE   DATE    DEBLING STATE   DATE   DAT	

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	DEPTH (fe		ESTIMATED								
			THICKNESS COLOR AND TYPE OF MATERIAL ENCOUNTERED -						WATER BEARING?	YIELD FOR	
	FROM	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES							(YES / NO)	WATER- BEARING	
	(awater suppremental succes to fully describe all units)								(1207110)	ZONES (gpm)	
Н.	0	4	4	SAND, dary, brown	, poorly graded	l,non plastic fines, fine	sand, fine grai	ns.	Y /N		
	4	19	15	SAND, well graded sa	and with grave	and silt, light brown o	olor,abundant	gravel	Y ✓N		
	19	40	21	SANDSTONE, fine gr	rains, redish bro	own, dry, well graded,	less consolidat	ion,we	Y ✓N		
7	40	50	10	CLAYSTONE, moist,	brown-reddish	in color, well graded,	well sorted,abi	ındant	y √n		
	50	55	5	CLAY, moist, dark b	rown color, we	ell graded, well sorted,	silt, high plast	icity	Y ✓N		
J.								Y N			
4. HYDROGEOLOGIC LOG OF WELL									Y N		
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	) COMPLIANCE LIST								Y N		
			TIMATE YIELD	OF WATER-BEARIN	G STRATA:				AL ESTIMATED  LL YIELD (gpm): 0,00		
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N	WELL TEST	TEST	RESULTS - ATT T TIME, END TI	ACH A COPY OF DA' ME, AND A TABLE S	TA COLLECT HOWING DIS	ED DURING WELL T	TESTING, INC	LUDIN ER THE	NG DISCHARG E TESTING PER	E METHOD,	
VISION	MISCELLAN	IFOLIS INF	ORMATION				_				
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<b>.</b>		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE	NAME				DATE	B	
FOI	R OSE INTERN	IAL LISE					WR-20 WE	I.REC	CORD & LOGO	Version 01/28/2022)	
			608		POD NO.	POOL	TRN NO.		3748	, -1510H 0 H20/ 2022)	

WELL TAG ID NO.

PAGE 2 OF 2

LOCATION



# Stephanie Garcia Richard, Commissioner of Public Lands State of New Mexico

# NMSLO Cultural Resources Cover Sheet Exhibit

# **NMCRIS Activity Number:**

**Exhibit Type** (select one)

(if applicable)

**ARMS Inspection/Review** - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

## **Archaeological Survey**

Findings:

**Negative** - No further archaeological review is required.

**Positive** - Have avoidance and protection measures been devised? Select one:

**Comments:** 

ject		

NMSLO Lease Number (if available):

**Cultural Resources Consultant:** 

Project Proponent (Applicant):

Project Title/Description:

# **Project Location:**

County(ies):

PLSS/Section/Township/Range):

#### For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

# **Kelly Lowery**

From: Raina Hanley <RHanley@bcarch.org>
Sent: Thursday, June 20, 2024 10:35 AM

**To:** Kelly Lowery; Beaux Jennings; Wade Burns; Marc Seamands **Subject:** Fw: Remediation ARMS Cover Sheet for Ensolum (BCA24-1722)

# [ \*\*EXTERNAL EMAIL\*\*]

From: Curry, Anne R. <acurry@slo.state.nm.us>

Sent: Thursday, June 20, 2024 9:07 AM

**To:** Raina Hanley <RHanley@bcarch.org>; CRO Info <croinfo@slo.state.nm.us> **Subject:** RE: Remediation ARMS Cover Sheet for Ensolum (BCA24-1722)

## Good morning Raina,

Thank you for the submission of the attached Cover Sheet. Since the proposed remediation activities will take place in an area that has been covered by archaeological survey, Ensolum is free to move forward with remediation. Please reach out if you have additional questions-





**Anne Curry** 

Archaeologist Cultural Resources Office Office: 505.827.1276

Cell: 505.469.5582

New Mexico State Land Office 310 Old Santa Fe Trail

P.O. Box 1148
Santa Fe, NM 87504-1148
acurry@slo.state.nm.us
nmstatelands.org

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**CONFIDENTIALITY NOTICE** - This e-mail transmission, including all documents, files, or previous e-mail messages attached hereto, may contain confidential and/or legally privileged information. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this transmission and that any disclosure, copying, printing, distribution, or use of any of the information contained in and/or attached to this transmission is STRICTLY PROHIBITED. If you have received this transmission in error, please immediately notify the sender and delete the original transmission and its attachments without reading or saving in any manner. Thank you.

**From:** Raina Hanley <RHanley@bcarch.org> **Sent:** Thursday, April 25, 2024 5:25 PM **To:** CRO Info <croinfo@slo.state.nm.us>

Subject: [EXTERNAL] Remediation ARMS Cover Sheet for Ensolum (BCA24-1722)

Good Evening,

Attached please find the following ARMS review Cultural Resources Cover Sheet for Ensolum on behalf Oxy USA:

• Oxy's South Hobbs Unit CTB Remediation

The associated ARMS review materials have been submitted through the CPP site. Please let us know if you have any questions or need any additional information.

Thank you!

# **Raina Hanley**

Chief Operating Officer

Beaver Creek Archaeology & Environmental 1632 Capitol Way Bismarck, ND 58501 Ph: (701) 663-5521 | Fx: (701) 663-5589

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**APPENDIX C** 

Photographic Documentation

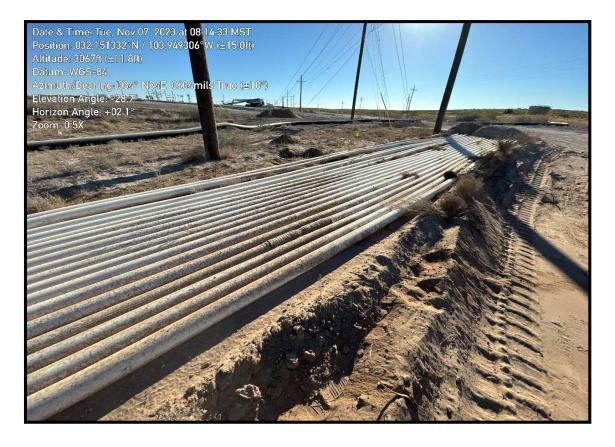
Project: Corral Gorge 12 13 Federal Com. 32H

Entity: Oxy USA, Inc Project #: 03B1417116





View of overspray impact area prior to remediation activities, facing south (November 07, 2023)



View of release point, facing northeast (November 07, 2023)

Project: Corral Gorge 12 13 Federal Com. 32H

Entity: Oxy USA, Inc Project #: 03B1417116





View of excavated overspray impact area during remediation activities, facing northwest (August 13, 2024).



View of excavated overspray impact area during remediation activities, facing northeast (August 13, 2024).

Project: Corral Gorge 12 13 Federal Com. 32H

Entity: Oxy USA, Inc Project #: 03B1417116





View of excavated overspray impact area during remediation activities, facing northeast (August 13, 2024).



View of excavated overspray impact area during remediation activities, facing northwest (August 13, 2024).

Project: Corral Gorge 12 13 Federal Com. 32H

Entity: Oxy USA, Inc Project #: 03B1417116





View of excavated overspray impact area post backfill activities, facing north (September 30, 2024).



View of excavated overspray impact area post backfill activities, facing east (September 30, 2024).

# **ENSOLUM**

APPENDIX D

Table

### TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS
Corral Gorge 12 13 Federal Com. 32H
Oxy USA, Inc.
Eddy County, New Mexico
Ensolum Project No. 03B1417116

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 (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
Closure Crite	Oil Conserva ria for Soils l lease (≤ 50 fe	mpacted by a	10	NE	NE	NE	50	NE	NE	NE	100	600
				Comp	osite Overspra	y Impact Are	a Sample Ana	alytical Result	ts			
FS-01	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	32.5	<10.0	32.5	512
FS-02	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
FS-03	7/5/2024	0.25	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	560
FS-04	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	29.0	<10.0	29.0	640
F3-04	8/13/2024	0.50			NS					NS		32.0
FS-05	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	112
FS-06	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
FS-07	7/5/2024	0.25	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	272
FS-08	7/5/2024	0.25	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	39.6	13.2	52.8	656
FS-08	8/13/2024	0.50			NS					NS		48.0
FS-09	7/5/2024	0.25	<0.050	<0.050	<0.050	< 0.150	< 0.300	<10.0	27.4	<10.0	27.4	768
FS-09	8/13/2024	0.50			NS					NS		96.0
FO 40	7/5/2024	0.25	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	28.1	<10.0	28.1	720
FS-10	8/13/2024	0.50			NS					NS		96.0
FS-11	7/5/2024	0.25	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	192
FS-12	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
FS-13	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
FO 44	7/5/2024	0.25	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	624
FS-14	8/13/2024	0.50			NS					NS		16.0
50.45	7/5/2024	0.25	< 0.050	< 0.050	<0.050	< 0.150	< 0.300	<10.0	17.0	<10.0	17.0	816
FS-15	8/13/2024	0.50			NS					NS		32.0
FS-16	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	112
FS-17	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	144
FS-18	7/5/2024	0.25	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	448
	7/5/2024	0.25	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	10.4	<10.0	10.4	752
FS-19	8/13/2024	0.50			NS		<u>                                     </u>		[	NS		32.0
FS-20	7/5/2024	0.25	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	288
FS-21	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
50.00	7/5/2024	0.25	< 0.050	<0.050	<0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	736
FS-22	8/13/2024	0.50			NS					NS		48.0
FS-23	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432
FS-24	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
FS-25	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
FS-26	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
	7/5/2024	0.25	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	1,040
FS-27	8/13/2024	0.50			NS	k a arang prananan anahan a	<u> </u>			NS		32.0
FS-28	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
FS-29	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
-	7/5/2024	0.25	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	38.7	<10.0	38.7	816
FS-30	8/13/2024	0.50		(	NS		p	515	1-	NS	ngan ang ang ang ang ang ang ang ang ang	96.0

ENSOLUM

### TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS
Corral Gorge 12 13 Federal Com. 32H
Oxy USA, Inc.
Eddy County, New Mexico
Ensolum Project No. 03B1417116

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 (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
Closure Criter		•	10	NE	NE	NE	50	NE	NE	NE	100	600
FS-31	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
FS-32	7/5/2024	0.25	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	48.5	<10.0	48.5	560
FS-33	7/5/2024	0.25	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	159	32.1	191	1,040
1 0-00	8/13/2024	0.50			NS			<10.0	<10.0	<10.0	<10.0	32.0
FS-34	7/5/2024	0.25	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
FS-35	7/5/2024	0.25	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	528
FS-36	7/5/2024	0.25	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
FS-37	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	75.4	17.6	93.0	848
F3-37	8/13/2024	0.50			NS					NS		144
FS-38	7/5/2024	0.25	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	11.9	<10.0	11.9	112
FS-39	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.7	12.8	74.5	1,090
F3-39	8/13/2024	0.50			NS					NS		32.0
FS-40	7/5/2024	0.25	<0.050	<0.050	<0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	864
FS-40	8/13/2024	0.50			NS					NS		64.0
FS-41	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	384
FS-42	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	15.2	<10.0	15.2	496
FS-43	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	496
FS-44	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	432
FS-45	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	76.1	13.6	89.7	640
FS-45	8/13/2024	0.50			NS					NS		48.0
FS-46	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	13.4	<10.0	13.4	432
FS-47	7/5/2024	0.25	<0.050	< 0.050	<0.050	< 0.150	< 0.300	<10.0	428	119	547	1,460
F3-47	8/13/2024	0.50			NS			<10.0	<10.0	<10.0	<10.0	256
FS-48	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	160
					Composite Side	ewall Sample	Analytical Res	sults				
SW-04	8/13/2024	0.50	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	10.6	<10.0	10.6	64.0
SW-08	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
SW-09	8/13/2024	0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
SW-10	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-14	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SW-15	8/13/2024	0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-19	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SW-22	8/13/2024	0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SW-27	8/13/2024	0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SW-30	8/13/2024	0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-33	8/13/2024	0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SW-37	8/13/2024	0.50	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
SW-39	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SW-40	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
SW-45	8/13/2024	0.50	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SW-47	8/13/2024	0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0

Received by OCD: 10/8/2024 3:27:51 PM

ENSOLUM

### TABLE 1

### SOIL SAMPLE ANALYTICAL RESULTS

Corral Gorge 12 13 Federal Com. 32H Oxy USA, Inc. Eddy County, New Mexico Ensolum Project No. 03B1417116

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 (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
Closure Crite	o Oil Conserva ria for Soils I elease (≤ 50 fe	mpacted by a	10	NE	NE	NE	50	NE	NE	NE	100	600
				С	onfirmation Deli	neation Samp	le Analytical F	Results				
DS-01	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
DS-02	7/5/2024	0.25	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	601	156	757	2,120
D5-02	8/13/2024	0.50			NS			<10.0	<10.0	<10.0	<10.0	64.0
DS-03	7/5/2024	0.25	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
DS-04	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS-05	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS-06	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	672
DS-00	8/13/2024	0.50			NS					NS		144
DS-07	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS-08	7/5/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
DS-09	7/5/2024	0.25	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
DS-10	7/5/2024	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	128

Concentrations in **bold** and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)

Additional Excavation and/or Re-Sample

bgs: below ground surface
mg/kg: milligrams per kilogram

NE: Not Established
NS: Not Sampled

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics TPH: Total Petroleum Hydrocarbon



## TABLE 2 BACKFILL SOIL SAMPLE ANALYTICAL RESULTS

Lea Land Caliche Pit Oxy USA, Inc. Lea County, New Mexico Ensolum Project No. NA

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 (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600	
			Co	omposite Backgro	ound Soil Samp	le Analytical Re	sult					
Lea Land Caliche Pit	09/13/2024	NA	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.6	<10.0	98.6	560

bgs: below ground surface mg/kg: milligrams per kilogram

NA: Not Applicable NE: Not Established

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon



## APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation



July 11, 2024

**BEAUX JENNINGS** 

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: CORRAL GORGE 12 13 FEDERAL COM 32H

Enclosed are the results of analyses for samples received by the laboratory on 07/05/24 15:55.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

 Received:
 07/05/2024
 Sampling Date:
 07/05/2024

 Reported:
 07/11/2024
 Sampling Type:
 Soil

Reported: 07/11/2024 Sampling Type: Soil
Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition: Cool

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition: Cool & Intact
Project Number: 03B1417116 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: OXY - EDDY CO., NM

#### Sample ID: FS 01 0.25 (H244030-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	32.5	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 07/05/2024 Reported:

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 02 0.25 (H244030-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported:

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 03 0.25 (H244030-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 04 0.25 (H244030-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	29.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.5	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

mg/kg

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 05 0.25 (H244030-05)

BTEX 8021B

	9,	9	7	<u></u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

Analyzed By: JH

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Celey D. Keine



#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 06 0.25 (H244030-06)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

Applyzod By: 14

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 07 0.25 (H244030-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 08 0.25 (H244030-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	39.6	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	13.2	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	74.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.2	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 09 0.25 (H244030-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	27.4	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 10 0.25 (H244030-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	28.1	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 11 0.25 (H244030-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 12 0.25 (H244030-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

Applyzod By: 14

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 13 0.25 (H244030-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 14 0.25 (H244030-14)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.2	99.2	100	0.145	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	103	103	100	0.638	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

Applyzod By: 14

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 15 0.25 (H244030-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	17.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

Applyzod By: 14

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 16 0.25 (H244030-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024

Sampling Date: 07/05/2024 Sampling Type: Soil

Reported: Project Name:

BTEX 8021B

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

mg/kg

Sampling Condition: Cool & Intact

Project Number: 03B1417116

Sample Received By: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

#### Sample ID: FS 17 0.25 (H244030-17)

DILX GOZID	ıııg,	Ng .	Allulyzo	a by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 18 0.25 (H244030-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	1.97	98.4	2.00	8.75	
Toluene*	<0.050	0.050	07/10/2024	ND	1.96	97.9	2.00	9.33	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	9.73	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.12	102	6.00	10.2	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.1	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 19 0.25 (H244030-19)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	QR-03
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	QR-03
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	10.4	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 20 0.25 (H244030-20)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.3	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 21 0.25 (H244030-21)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/10/2024	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	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

Applyzod By: 14

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#### Analytical Results For:

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

Received: 07/05/2024 Reported:

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 22 0.25 (H244030-22)

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	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	07/10/2024	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	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	79.9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 23 0.25 (H244030-23)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/10/2024	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	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	78.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

Applyzod By: 14

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 24 0.25 (H244030-24)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
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	07/10/2024	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	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

Applyzod By: 14

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 25 0.25 (H244030-25)

Project Name:

RTFY 8021R

	mg,	9	7	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (Pi	ID 103 S	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/10/2024	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	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 49.1-14	8						
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4	ND					

Applyzod By: 14

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

07/11/2024 Sampling Type:

Sampling Date:

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

07/05/2024

#### Sample ID: FS 26 0.25 (H244030-26)

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	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	'8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 27 0.25 (H244030-27)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	07/10/2024	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	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: FS 28 0.25 (H244030-28)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/10/2024	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	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 29 0.25 (H244030-29)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.2	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

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

Received: 07/05/2024 Reported:

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: FS 30 0.25 (H244030-30)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	< 0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	38.7	10.0	07/09/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 31 0.25 (H244030-31)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	< 0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 32 0.25 (H244030-32)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	48.5	10.0	07/10/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	'8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 33 0.25 (H244030-33)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	07/10/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	159	10.0	07/10/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	32.1	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 34 0.25 (H244030-34)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	99.7	99.7	100	1.81	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	91.8	91.8	100	0.279	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 35 0.25 (H244030-35)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 36 0.25 (H244030-36)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 37 0.25 (H244030-37)

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	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	75.4	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	17.6	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	18						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 38 0.25 (H244030-38)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.08	104	2.00	2.36	
Toluene*	<0.050	0.050	07/10/2024	ND	2.07	103	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.14	107	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	6.33	106	6.00	4.03	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
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	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	11.9	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 39 0.25 (H244030-39)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	QR-03
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	QR-03
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	QR-03
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	61.7	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	12.8	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	18						

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Celey D. Keene

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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: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 40 0.25 (H244030-40)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: FS 41 0.25 (H244030-41)

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	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: FS 42 0.25 (H244030-42)

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	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	15.2	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 43 0.25 (H244030-43)

Project Name:

RTFY 8021R

BIEX 8021B	mg,	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: FS 44 0.25 (H244030-44)

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	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
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	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 45 0.25 (H244030-45)

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	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	76.1	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	13.6	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	18						

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Celey & Keene



### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 46 0.25 (H244030-46)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	34						
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	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	13.4	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	18						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 47 0.25 (H244030-47)

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	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	428	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	119	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS 48 0.25 (H244030-48)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: DS 01 0.25 (H244030-49)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: DS 02 0.25 (H244030-50)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	601	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	156	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: DS 03 0.25 (H244030-51)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
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	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

07/11/2024 Sampling Type:

Applyzod By: 14

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: DS 04 0.25 (H244030-52)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
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	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: DS 05 0.25 (H244030-53)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/10/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: DS 06 0.25 (H244030-54)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	07/10/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	93.2	93.2	100	1.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	89.2	89.2	100	6.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

07/11/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: DS 07 0.25 (H244030-55)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/10/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	186	93.2	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	180	90.2	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.5	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOP Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: DS 08 0.25 (H244030-56)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/10/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	186	93.2	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	180	90.2	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: DS 09 0.25 (H244030-57)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/10/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	186	93.2	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	180	90.2	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

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### Analytical Results For:

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

Received: 07/05/2024 Reported: 07/11/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 07/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: DS 10 0.25 (H244030-58)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2024	ND	2.13	106	2.00	2.69	
Toluene*	<0.050	0.050	07/10/2024	ND	2.33	116	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/10/2024	ND	2.49	124	2.00	1.45	
Total Xylenes*	<0.150	0.150	07/10/2024	ND	7.70	128	6.00	1.35	
Total BTEX	<0.300	0.300	07/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/10/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	186	93.2	200	1.26	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	180	90.2	200	2.45	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

Applyzod By: 14

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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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Celeg D. Freene



Company Name: Ensolum, LLC	n, LLC			BILL TO			ANALYS	ANALYSIS REQUEST	
Project Manager: Beaux Jennings	ennings			P.O. #:					
Address: 601 N. Marienfeld St. STE 400	eld St. STE 400			Company: OXY USA				_	_
City: Midland	State: TX Zip:	79701		Attn: Wade Dittrich			_	_	_
Phone #: (210)219-8858		Email:bjer	Email:bjennings@ensolum.com	Address:			_	_	_
Project #: 4381417172 (378) 4/1/16		Project Owner:		City:			_	_	_
Project Name: Org	1 Game	1 51 21	Federal Com. 324	State: Zip:					
Project Location:	,			Phone #:			00		
Sampler Name: Kaoru Shimada	himada			Email:	В		15		
OR LAB USE ONLY			MATRIX	PRESERV SAMPLING			4		_
THE COLL CARE			MAIRIX	1			de		
Lab I.D. Sam	Sample I.D.	Sample Depth (feet)	AB OR (C)OM NTAINERS JNDWATER FEWATER	ER: /BASE: COOL	ΓΕΧ 80	PH 80	Chlorid		
8044B			# CC	OTH	L	-			
_	105	0.25	2	X 75-24	346 X	X	X		
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LEASE NOTE: Liability and Damages. Cardina label to the control of the cardina no claims including those for negligence no no event shall Cardinal be liable for incid fillular or suppose control of the calculation fillular or suppose calculation fillular or sup	ar's liability and client's exclusive re nd any other cause whatsoever lental or consequental damage	medy for any claim arising whether shall be deemed waived unless, including without limitation, but the horselficial records the Carrilload records.	ELEASE HOTE. Liabily and Damages. Cardina's labelly and denirs exclusive remody for all glain asing warkers based in contract ones, shall be limed to the amoust past by the denit or he amyses. All claims including these for negligence and any other causes whatevers what be deemed warked unless made in writing and revelved by Cardinal within 3 days after completed on the appear in bounding those for negligence and any other causes whatevers whatevers whatever whatevers whatever whatevers whatever whatevers whether whatevers when whatevers when the subject to the state of the subject to the subjec	ELEGE HOTE: Liabily and Damages. Custina's babily and cleriful exclusive mendy for all falaim singly white the send on contract or out, shall be lemich to the sendout publy the desire to the "analyses." All claims including those for negligence and any other custes whatevers shall be desmed waited unless made in mitting and neceived by Certifial within 30 days after completion of the applicable service. All claims including those for negligence and any other custes whateverse shall be desmed waited unless made in mitting and neceived by Certifial within 30 days after completion of the substitution o	service.				
Relinquished By:		PR-S:ate	Received By:		Verbal Result: ☐ Yes		No Add'I Pho  Please provide Email address:  ■ Add'I Pho	Add'l Phone #:	
Know Shi	Mimaco	Time: /555	SYCHIL	meet	bjennings@ensolum.com, klowery@ensolum.com		ery@ensolum.com	я	
Ву:		Date:	Received By:		REMARKS: Paykey/AFE/NonAFE:	/AFE/Nor	AFE:		
		Time:		(					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C	Sample Condition Cool Intact	ON CHECKED BY: (Initials)	Turnaround Time: Standard  Rush		Bacteria (only) Sample Condition Observed Temp. °C	le Condition	
				2	Thermometer ID-#143	+	5	□ Yes □ Yes	

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



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

	(5/5) 353-2	(3/3) 33-4320 FAA (3/3) 33-24/0	/6										
Company Name: Ensolum, LLC	nsolum, LLC			BILL TO				ANALYSIS	SIS REQUEST	<b>IEST</b>			
Project Manager: Beaux Jennings	eaux Jennings			P.O. #:		$\dashv$	$\dashv$				_		
Address: 601 N. I	601 N. Marienfeld St. STE 400			Company: OXY USA							_		
City: Midland	State: TX	Zip: 79701		Attn: Wade Dittrich							_	_	
Phone #: (210)219-8858	-8858	Email:bjen	Email:bjennings@ensolum.com	Address:							_	_	
Project #: 03B141717	K	Project Owner:		City:			_				_		
Project Name: CONW	Josep (MA)	12 13 R	recleval (m. 32H	2# State: Zip:							_		
Project Location:				Phone #:			00						
Sampler Name: Kaoru Shimada	oru Shimada			Email:	В		_						
FOR LAB USE ONLY		40	MATRIX	PRESERV. SAMPLING									
Lab I.D.	Sample I.D.	Sample Depth (feet)	CONTAINERS  ROUNDWATER  ASTEWATER  DIL  LUDGE	THER: CID/BASE: E/COOL THER:	BTEX 80	TPH 80	Chlorid	01110110				<i>y</i>	
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or or	22	7	7	7	1 216		1						
N.	2.4	`			927								
14/	F5/4				925								
15	5183				973					,			T
91	F516				948								
17.	2143				943								
8	818				941								T
9	F3 19		V V	,	938	_	7						T
PLEASE NOTE: Liability and Damages.	rs. 20 P. 25	<u></u>	C	ount paid by the client for the analyses.	936 7	X	4				_	F	
All claims including those for no In no event shall Cardinal be lia affiliates or successors arising o	claims including those for negligence and any other cause whatsoever sho no event shall Cardinal be liable for incidental or consequental damages, ir lates or successors arising out of or related to the performance of services	pever shall be deemed waived unless nages, including without limitation, bus services hereunder by Cardinal, regar	writing and received by our control of the control	nin 30 days after completion of the applicable.  Its incurred by client, its subsidiaries, or otherwise one of the above stated reasons or otherwise.	service.								
Relinquished By:		1 nc-5:9th	Received By:	,	Verbal Result:		⊠ No	ovide Ema	☑ No Add'I Phone #:	#:			
Kapin	Shimada	Time:/555	SAS I	iquel	bjennings@ensolum.com, klowery@ensolum.com		lowery@	ensolum.cc	om .				
Relinquished By:		Date:	Received By:	0	REMARKS: Paykey/AFE/NonAFE:	y/AFE/N	onAFE:						
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C		CHECKED BY: (Initials)	Turnaround Time: St	Standard [	Bacteria (on Observed Temp. °C	teria (only) Sam emp. °C	ria (only) Sample Condition pp. °C				
		(	8 S	2	Thermometer ID #113 Correction Factor 4.5 C	30	#	0	□ Yes □ Yes □ No		Corrected Temp. °C		

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



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

10.01.00	()			
Company Name: Ensolum, LLC		BILL TO	ANALYSIS REQUEST	QUEST
Project Manager: Beaux Jennings		P.O. #:		
Address: 601 N. Marienfeld St. STE 400		Company: OXY USA		
and State: TX	Zip: 79701	Attn: Wade Dittrich		
Phone #: (210)219-8858	Email:bjennings@ensolum.com	Address:		
Project #: 03B141713 6	Project Owner:	City:		
Project Name: Cotyval Garace	12 13 Federal COM 32H	State: Zip:		
Project Location:		Phone #:	00	
Sampler Name: Kaoru Shimada		Email:	M	
FOR LAB USE ONLY	P. MATRIX	PRESERV. SAMPLING	021	
Lab I.D. Sample I.D.	(feet) (f	HER: D/BASE: / COOL HER:	TEX 80 TPH 80 Chloric	
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PLEASE RVIE: Lucimy and Jurinages, Cardinais saurary and cereins excusives remained.  All claims including those for negligence and any other cause whatsoever so In no event shall Cardinal be liable for incidental or consequental damages, afficiated of supposed services out of or related to the participance of services.	Labate not Labany not burniage. Aparties some enter our enter pour publication and province on the province of	on to the amount pain by the cent no the amount of the optical Cardinal within 30 days after completion of the applicab or loss of profits incurred by client, its subsidiaries, seed upon any of the above stated reasons or otherwise.	service.	
Relinquished By:	Relinquished By: Date: Received By:		Verbal Result: ☐ Yes 🗵 No Add'l Phone #:	one #:
Kappy Shimada	500	med	All Results are emailed. Please provide Email address bjennings@ensolum.com, klowery@ensolum.com	
Relinquished By:	Date: Received By:	+	REMARKS: Paykey/AFE/NonAFE:	
	Time:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C  Corrected Temp. °C  Cool Intact  Year Year	CHECKED BY: (Initials)	Turnaround Time: Standard X Bacteria (only) Sample Condition  Rush Cool Intact Observed Temp. 'C	
	C	X	Correction Factor -0.5°C	□ Yes □ Yes □ No □ No Corrected Temp. "C



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

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88240		
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FORM-006 R 3.2 10/07/21	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquisned By:	Shi	All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 3 days after completion of the applicable service in no event shall be deamed to a consequential damages, including without limitation, business intemptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services betweenter by Cardinal, Inguistess of whether und claim is based upon any of the above stated reasons or otherwise.    Delinquists but   Delinquists   Delinq	PLEASE NOTE: Liability and Damagnes, Cardinate	20.00	23 25	27	360	5	24 [537	33	23 20	3	Borney	Lab I.D. Sam	FOR DAB USE ONLY	Sampler Name: Kaoru Shimada	Project Location:	Project Name: Combu	Project #: 03B14171#2	Phone #: (210)219-8858	City: Midland	Address: 601 N. Marienfeld St. STE 400	Project Manager: Beaux Jennings	Company Name: Ensolum, LLC
/21		=1 5	meds "	d any other cause whatsoever shall nital or consequental damages, included to the performance of services had to the perf	#0	39	38	37	36	35	78	33	5 82	3)		Sample I.D.		iimada	0	GORAC 1	Project Owner:		State: TX Zip: 79701	eld St. STE 400	ennings	1, LLC
	Observed Temp. °C \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Time:	1555 HE-5	be deemed waived unless iding without limitation, bus reunder by Cardinal, regan	025				_			_	_	0.15		Sample Depth (feet)				2/2	Owner:	Email:bjen	9701			
	)	Received By:	SAS DAY	all be deemed valved unless made in writing and received by Cardinal within a pool of the spot citating without limitation, business intemptions, loss of use, or loss of profits incurred by client, its subsidiaries, theremore by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or other hards.		7							1 1	$C \cap C \cap C$	# CONTAIL GROUNDY WASTEWA	NERS WATER	-			Ladala C		Email:bjennings@ensolum.com		30		
	Sample Condition Cool Intact	0	dean	by Cardinal within 30 days is se, or loss of profits incurred is based upon any of the abo	X								1	K	OIL SLUDGE OTHER : ACID/BASI	E:	MATRIX PRI	Email:	Phone #:	M. 27 State:	City:		Attn: 1	Comp	P.O. #:	
	CHECKED BY: (Initials)	9	red	of the application of the applic	1 75-2	7							7	7.5.7 X	OTHER:	L	PRESERV. SAN		#:	Zip:		SS:	Attn: Wade Dittrich	Company: OXY USA	6	BILL TO
	Turnaround Time: Standard X Bacheria (ori Rush Cool Intact Observed Temp. 'C Thermometer ID—#113 Correction Factor -0.5°C	REMARKS: Paykey/AFE/NonAFE:	All Results are emailed. Please provide Email a bjennings@ensolum.com, klowery@ensolum.com	able service.	17	8111	107	5011	1,400	102	8 501	1056	1049	1501 6	TIME		SAMPLING									
	Standard Cool Intact #113	ykey/AFE	emailed.		7 7	1 1						-	7	X		X 802			_			_			_	
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	Bacteria (only) Sample Condition ad Temp. 'C		Please provide Email address: klowery@ensolum.com		0	_							1		Cili	ioriae	-	+31	00							ANALYSIS
	ple Condition		ill address:																							'SIS REQUEST
	Yes  No Corrected Temp. *C		25																							JEST
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Refinquished By: Delivered By: (Circle One)
Sampler - UPS - Bus - Other: Project Name: Cofford 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC Relinquished By: Sampler Name: Kaoru Shimada Project Location: Project #: 03B14171 Phone #: (210)219-8858 City: Midland Address: 601 N. Marienfeld St. STE 400 Project Manager: Beaux Jennings OSOPHIZ Lab I.D. SET. FORM-006 R 3.2 10/07/21 13 46 F3 49 Sample I.D. 44 State: TX Zip: Project Owner: Observed Temp. °C Corrected Temp. °C Time: Sample Depth (feet) 79701 Date: Date: O Email:bjennings@ensolum.com Received By: (G)RAB OR (C)OMP. Received By: # CONTAINERS Sample Condition
Cool Intact

Yes Yes

No No WASTEWATER SOIL SLUDGE OTHER State: P.O. #: City: Email: Phone #: Address: Attn: Wade Dittrich Company: OXY USA ACID/BASE: CHECKED BY: (Initials) ICE / COO BILL TO OTHER Zip: DATE SAMPLING Thermometer ID Correction Factor REMARKS: Paykey/AFE/NonAFE: Verbal Result: ☐ Yes 図 No Add'i Phone
All Results are emailed. Please provide Email address:
bjennings@ensolum.com, klowery@ensolum.com 854 100 A 250 TIME 837 12 #113 r -0.5°C Cool Intact **BTEX 8021B TPH 8015M**  $\times$ 1 Chloride 4500 ANALYSIS No No REQUEST Corrected Temp. °C

Page 65 of 66



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

		000 1000 000	2410						
company name: ensoum, LLC	insolum, LLC			BILL TO		AN	ANALYSIS REQUEST	QUEST	
Project Manager: Beaux Jennings	Beaux Jennings			P.O. #:		,	-		_
Address: 601 N.	601 N. Marienfeld St. STE 400			Company: OXY USA			-		
City: Midland	State: TX 2	Zip: 79701		Attn: Wade Dittrich			_		_
Phone #: (210)219-8858	9-8858	Email:bj	Email:bjennings@ensolum.com	Address:		_	_	_	_
Project #: 03B1417172		Project Owner:		City:					
Project Name:				State: Zip:					
Project Location:				Phone #:		00			
Sampler Name: Kaoru Shimada	oru Shimada			Email:	В	_			
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING		_			
Lab I.D.	Sample I.D.	Sample Depth	ERS		802	801 oride			
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52	PSOH				932				
53	25 0 5				962				
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OIS	803				1041				
9	DI 031	-	1111	1	1 88 11	1			
8	1810	57.0	C1   X	152	1135 X	X			
All claims including those for ne in no event shall Cardinal be lial iffiliates or successors arising or	All claims including these for registerious and any discretization counts outcome remote for any came almost whether All claims including these for registerious and any other cause whitehoever shall be deemed waived unless of the consequential damages, including which distribution, but this not event shall contribute to the consequential damages, including which distribution, but this not event shall contribute the shallow of the consequential damages, including which distribution, but this not event shall contribute the consequence of the	ve remedy for any claim arising whethis ever shall be deemed waived unler ages, including without limitation, be		amount paid by the client for the analyses.  within 30 days after completion of the applical profits incurred by client, its subsidiaries.	de service.				
Relinquished By:		Date: S.: Du	Received By:	y ut the above stated readults of otherwis	Verbal Result: ☐ Yes	es 🛭 No	Add'l Phone #:	e#:	
Robertu	Shimoda	Time 55	2 SASS		All Results are emailed. Please provide Email a bjennings@ensolum.com, klowery@ensolum.com	<ol> <li>Please provide Email address: n, klowery@ensolum.com</li> </ol>	Email address: ım.com		
Relinquished By:		Date:	Received By:	0	REMARKS: Paykey/AFE/NonAFE:	E/NonAFE:			
Polimond But (Cirolo									
Sampler - UPS - Bus - Other:		Corrected Temp. C	Sample Condition Cool Intact	(Initials)	Turnaround Time: Standard  Rush Cool Intact	observ	Bacteria (only) Sample Condition ed Temp. °C		
			□ 8 □ 0	X	Thermometer ID #113 Correction Factor =0.5°C	出り	☐ Yes☐ Yes	Yes	
				~			No I No	No Corrected Temp of	

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Yes Yes
No Corrected Temp. 'C



August 20, 2024

**KELLY LOWERY** 

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: CORRAL GORGE 12 13 FEDERAL COM 32H

Enclosed are the results of analyses for samples received by the laboratory on 08/14/24 13:54.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Sampling Date: 08/13/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition: Cool & Intact
Project Number: 03B1417116 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

Sample ID: FS - 04 0.50' (H244918-01)

Chloride, SM4500Cl-B Analyzed By: CT Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result Chloride 32.0 16.0 08/15/2024 ND 432 108 400 3.64

Sample ID: FS - 08 0.50' (H244918-02)

Chloride, SM4500Cl-B **Analyzed By: CT** Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 48.0 16.0 08/15/2024 ND 432 108 400 3.64

Sample ID: FS - 10 0.50' (H244918-03)

Chloride, SM4500Cl-B Analyzed By: CT Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 96.0 16.0 08/15/2024 ND 400 3.64 432 108

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Celey & Keine



### Analytical Results For:

ENSOLUM, LLC **KELLY LOWERY** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported:

08/20/2024

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: SW - 04 0.50' (H244918-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	< 0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	< 0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	< 0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/15/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	1.09	
DRO >C10-C28*	10.6	10.0	08/15/2024	ND	219	109	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	91.89	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 %	6 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: SW - 08 0.50' (H244918-05)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/15/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: SW - 10 0.50' (H244918-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/15/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Sampling Date: 08/13/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition: Cool & Intact
Project Number: 03B1417116 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

### Sample ID: FS - 09 0.50' (H244918-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/15/2024	ND	432	108	400	3.64	

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

 08/14/2024
 Sampling Date:
 08/13/2024

 08/20/2024
 Sampling Type:
 Soil

Project Name: CORRAL GORGE Project Number: 03B1417116

CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition: Cool & Intact 03B1417116 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

### Sample ID: SW - 09 0.50' (H244918-08)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/15/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



### Analytical Results For:

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

Fax To:

Received: 08/14/2024 Sampling Date: 08/13/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition: Cool & Intact
Project Number: 03B1417116 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

### Sample ID: FS - 15 0.50' (H244918-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/15/2024	ND	432	108	400	3.64	

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

 08/14/2024
 Sampling Date:
 08/13/2024

 08/20/2024
 Sampling Type:
 Soil

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

124 %

49.1-148

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 15 0.50' (H244918-10)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						

Analyzed By: JH

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Surrogate: 1-Chlorooctadecane



### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Sampling Date: 08/13/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition: Cool & Intact
Project Number: 03B1417116 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

### Sample ID: FS - 14 0.50' (H244918-11)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/16/2024	ND	432	108	400	0.00	

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

08/20/2024 Sampling Type: CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition:

Applyzod By: 14

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: SW - 14 0.50' (H244918-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Reported: 08/20/2024

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32

08/14/2024

Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

### Sample ID: FS - 19 0.50' (H244918-13)

Received:

Cilioride, SM4500CI-B	ilig/	ky	Allalyze	u by: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00	

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

08/20/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: SW - 19 0.50' (H244918-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

08/14/2024 08/20/2024

Reported: 08/20/2024
Project Name: CORRAL GORGE 12 13 FEDERAL COM 32

Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS - 22 0.50' (H244918-15)

Received:

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/16/2024	ND	432	108	400	0.00	

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

08/20/2024

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: SW - 22 0.50' (H244918-16)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Fax To:

Received: 08/14/2024 Sampling Date: 08/13/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition: Cool & Intact
Project Number: 03B1417116 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

### Sample ID: FS - 27 0.50' (H244918-17)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00	

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08/13/2024

Cool & Intact

Soil

### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

08/14/2024 Sampling Date: 08/20/2024 Sampling Type:

Sampling Condition:

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32
Project Number: 03B1417116

Project Number: 03B1417116 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

mg/kg

### Sample ID: SW - 27 0.50' (H244918-18)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene

Qualifier



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

### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024 Sampling Date: 08/13/2024

Sampling Type: Soil

Project Name:

CORRAL GORGE 12 13 FEDERAL COM 32

Sampling Condition: Cool & Intact

Project Number: 03B1417116

Sample Received By:

Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

Sample ID: FS - 30 0.50' (H244918-19)

Chloride, SM4500CI-B

Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD

**Chloride** 96.0 16.0 08/16/2024 ND 432 108 400 0.00

Sample ID: FS - 33 0.50' (H244918-20)

Chloride, SM4500Cl-B Analyzed By: AC Reporting Limit Analyzed Method Blank BS True Value QC RPD Analyte Result % Recovery Qualifier 32.0 16.0 08/16/2024 432 400 0.00 Chloride ND 108 **TPH 8015M** mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte % Recovery GRO C6-C10\* <10.0 10.0 08/15/2024 ND 206 103 200 6.12 DRO >C10-C28\* <10.0 10.0 08/15/2024 ND 208 104 200 10.6 EXT DRO >C28-C36 <10.0 10.0 08/15/2024 ND Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024

Sampling Date: 08/13/2024

Reported: 08/20/2024
Project Name: CORRAL GORGE 12 13 FEDERAL COM 32

Sampling Type: Soil

Project Number: 03B1417116

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

Sample ID: SW - 30 0.50' (H244918-21)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	110 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

ENSOLUM, LLC **KELLY LOWERY** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Sampling Date: 08/13/2024

Reported: Project Name:

BTEX 8021B

08/20/2024

Sampling Type: Soil

CORRAL GORGE 12 13 FEDERAL COM 32

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sample ID: SW - 33 0.50' (H244918-22)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	< 0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 71.5-13	4						
011 11 014450001 B		1	A	d B 40					
Chloride, SM4500Cl-B	mg/	кд	Anaiyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	_			-	BS 432	% Recovery	True Value QC	RPD 0.00	Qualifier
Analyte	Result	Reporting Limit	Analyzed 08/16/2024	Method Blank		•	-		Qualifier
Analyte Chloride	Result	Reporting Limit	Analyzed 08/16/2024	Method Blank		•	-		Qualifier  Qualifier
Analyte Chloride TPH 8015M	Result  16.0  mg/	Reporting Limit 16.0	Analyzed 08/16/2024 Analyze	Method Blank ND d By: MS	432	108	400	0.00	
Analyte  Chloride  TPH 8015M  Analyte	Result  16.0  mg/	Reporting Limit 16.0  kg  Reporting Limit	Analyzed 08/16/2024 Analyzed Analyzed	Method Blank  ND  d By: MS  Method Blank	432 BS	108 % Recovery	400 True Value QC	0.00	

Analyzed By: JH

Surrogate: 1-Chlorooctane 90.8 % 48.2-134 Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024

Sampling Date: 08/13/2024 Sampling Type: Soil

Reported: Project Name: 08/20/2024 Sampling Type:

Project Number:

CORRAL GORGE 12 13 FEDERAL COM 32 03B1417116

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

Sample ID: FS - 40 0.50' (H244918-23)

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 08/16/2024 ND 432 108 400 0.00

Sample ID: FS - 39 0.50' (H244918-24)

Chloride, SM4500Cl-B Analyzed By: AC BS True Value QC RPD Analyte Result Reporting Limit Analyzed Method Blank Qualifier % Recovery 32.0 16.0 08/16/2024 432 400 0.00 Chloride ND 108

Sample ID: FS - 37 0.50' (H244918-25)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 144 08/16/2024 ND 400 0.00 16.0 432 108

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

08/14/2024 Sampling Date: 08/20/2024 Sampling Type:

Applyzod By: 14

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32
Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By:

Shalyn Rodriguez

08/13/2024

### Sample ID: SW - 40 0.50' (H244918-26)

RTFY 8021R

ilig/	K9	Allalyze	u by. Jn					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
<0.300	0.300	08/15/2024	ND					
89.6	% 71.5-13	4						
mg/kg		Analyze	Analyzed By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
160	16.0	08/16/2024	ND	432	108	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
<10.0	10.0	08/15/2024	ND					
94.6	% 48.2-13	4						
112 9	% 49.1-14	8						
	Result <0.050 <0.050 <0.050 <0.150 <0.300  89.6  mg/  Result 160  mg/  Result <10.0 <10.0 <10.0	<ul> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.150</li> <li>&lt;0.300</li> <li>&lt;0.00</li> <li>&lt;0.00</li></ul>	Result         Reporting Limit         Analyzed           <0.050	Result         Reporting Limit         Analyzed         Method Blank           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           < 0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <0.050

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

 08/14/2024
 Sampling Date:
 08/13/2024

 08/20/2024
 Sampling Type:
 Soil

Project Name: CORRAL GOI Project Number: 03B1417116

CORRAL GORGE 12 13 FEDERAL COM 32 Sampling Condition: Cool & Intact 03B1417116 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY CO., NM

### Sample ID: SW - 39 0.50' (H244918-27)

BTEX 8021B

				• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

Analyzed By: JH

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### Analytical Results For:

ENSOLUM, LLC **KELLY LOWERY** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported:

08/20/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Shalyn Rodriguez Sample Received By:

### Sample ID: SW - 37 0.50' (H244918-28)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	< 0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	111 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134 9	% 49.1-14	8						

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### Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported: 08/20/2024

08/20/2024 CORRAL GORGE 12 13 FEDERAL COM 32

Project Name: CORRAL GOF Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM

Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: FS - 45 0.50' (H244918-29)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/16/2024	ND	432	108	400	0.00	

### Sample ID: FS - 47 0.50' (H244918-30)

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	08/15/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

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### Analytical Results For:

ENSOLUM, LLC **KELLY LOWERY** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Sampling Date:

08/13/2024

Reported: Project Name: 08/20/2024

Sampling Type:

Soil Cool & Intact

Project Number:

CORRAL GORGE 12 13 FEDERAL COM 32 03B1417116

mg/kg

Sampling Condition: Sample Received By:

Shalyn Rodriguez

Project Location:

OXY - EDDY CO., NM

Sample 1D: SW - 45	0.50 (H244918-31)
BTEX 8021B	mg/kg

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 71.5-13-	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/15/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	104 9	26 48.2-13-	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

Analyzed By: JH

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### Analytical Results For:

ENSOLUM, LLC **KELLY LOWERY** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/14/2024 Reported:

08/20/2024

Project Name: CORRAL GORGE 12 13 FEDERAL COM 32

Project Number: 03B1417116

Project Location: OXY - EDDY CO., NM Sampling Date: 08/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Shalyn Rodriguez Sample Received By:

### Sample ID: SW - 47 0.50' (H244918-32)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.25	112	2.00	6.99	
Toluene*	<0.050	0.050	08/15/2024	ND	2.18	109	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.16	108	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.49	108	6.00	12.6	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/15/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	206	103	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	208	104	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	117 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene



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

Project Manager: Kelly Lowery   Klowery@Ensolum.com   P.O.#:	Company Name: Ensolum, LLC						BI	BILL TO		1			2	1 4 1		107		
Address: 601 N. Marie  City: Midland  Phone #: (214)733-310  Project #: 03B14171  Project Location: E  Sampler Name: Cor  Por LAB USE ONLY  Lab I.D. Sal  H7241461 8  H7241461 8  FOR LAB USE ONLY  FOR LAB USE ONLY  FOR LAB USE ONLY  FOR LAB USE ONLY  Sampler Name: Les  FOR LAB USE ONLY  FOR LAB USE ONLY  FOR LAB USE ONLY  FOR LAB USE ONLY  Sampler Name: Les  Sampler Name:	lly Lowery	Klowery@Ensolum.com	m.co	3		O.	P.O. #:			٦	1		1	WINNE I OIO		KEWOESI		1
City: Midland Phone #: (214)733-314 Project #: 03B14171 Project Name: Cor Project Location: E Sampler Name: Les FOR LAB USE ONLY  Lab I.D. Sal  ##7	enfeld St. STE	400				S I	Company:	OXY USA		_						_		
Phone #: (214)733-311  Project #: 03B14171  Project Name: Cor  Project Location: E.  Sampler Name: Les  FOR LAB USE ONLY  Lab I.D. Sampler Name: Les  FOR LAB USE ONLY  Lab I.D. Sampler Name: Les  FOR LAB USE ONLY  PLEASE NOTE: Libbilly and Damages. Sambyess. All claims including those for reservice. In no event shall Cardinab be liab affiliates or successors arising out of or in  Relinquished By:		State: TX	Zip:		79701	At	Attn: Wad	Wade Dittrich					_					
Project #: 03B14171 Project Name: Cor Project Location: E Sampler Name: Les FOR LAB USE ONLY  Lab I.D. Sal H72.LLICAL 8  H72.LLICAL 8  SS S	165	Fax #:				Ad	Address:						_					
Project Name: Correction: E.  Sampler Name: Les  Sampler Name: Les  FOR LAB USE ONLY  Lab I.D. Sal  H72.LLK(1) 8  H72.LLK(1) 8  FOR LAB USE ONLY  Samples Norte: Lability and Damages. Analyses. All claims including those for surcessoria stising out of or an affiliate or successoria stillate or succ	116	Project Owner:	п			City:	Ÿ.						_					
Project Location: Exampler Name: Les Sampler Name: Les FOR LAB USE ONLY  Lab I.D. Sal H724 Kat 18  H724 Kat 18  H724 Kat 18  H724 Kat 18  S S S S S S S S S S S S S S S S S S S	rral Gorge 12	Corral Gorge 12 13 Federal Com. 32H	I			Sta		Zip:										
FOR LAB USE ONLY  Lab I.D. Sall  H72111K(1) 8  H72111K(1) 8  H72111K(1) 8  F S  S  S  S  S  F S  S  S  F S  F S  S  F S  F S  S  F S  F S  S  F S  F S  S  F S  F S  S  F S  F S  S  F S  F S  S  F S  F S  S  F S  F S  S  F S  F S  S  F S  F S  S  F S	Eddy County, NM	M				Ph	#											
Lab I.D. Sall H711Ki18  H711Ki18  H71 Ki18  G F F S	Leah Nunez					F	Fax #-											
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HAZUKAI 8  HAZUKAI 8  HAZUKAI 8  Relinquished By:			MP.				PREJEKY.	SAMPLING	LING	В		4500						
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The state of the s	FS-04	0.50'	C	_	×		X	8/13/24	1130			×	$\dagger$	1	+	1	+	
SI S	FS-08	0.50'	C	-	X		×	8/13/24	1145			X	+					
SSI	FS-10	0.50'	C	->	X		×	8/13/24	1150			×						
SY S	SW-04	0.50"	C	-	×			8/13/24	1155	×	×	×						
F. S.	SW-08	0.50'	C	_	×		×	8/13/24	1200	×	×	X						
S S S S S S S S S S S S S S S S S S S	SW-10	0.50'	C	-	×		×	8/13/24	1205	X	×	×						
PLEASE NOTE: Liability and Damages, analyses. All claims including those for its service. In no event shall Cardinal be list affiliates or successors arising out of or in Relinquished By:	FS-09	0.50'	C	_	X			8/13/24	1210			×			_			
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analyses. All claims including those for n service. In no event shall Cardinal be last affiliates or successors arising out of or re  Relinquished By:	FS-15	0.50'	C	_	X		×	8/13/24	1245	X	×	X						
Relinquished By:	FS-15 SW-15	ages. A currants siliuming and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the e for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within the liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits of or related to the performance of services hereuroder by Cardinal reparaties of whather critical in its house.	y claim a semed v without II	n arising d waived at limitati	y whether based in contract or fort, shall be limited to the amount p d unless made in writing and received by Cardinal within 30 days at fon, business interruptions, loss of use, or loss of profits incurred by less of whether such admire in the profits incurred by less of whether such admire in the profits in the profits incurred by	r tort, s receive ss of u	shall be limited to the	e amount paid by 130 days after co incurred by clien	amount paid by the client for the 30 days after completion of the a curred by client, its subsidiaries,	applicabl					-			- 1
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Sampler - UPS - Bus - Other:	SV-15 W-15 Cardinal's liability and no complete for incidental any other notices and any other performance.	Time: Observed Temp. *C		_	Sample Condition	Ď	CHECKED BY:		Turnaround Time:	Time:		Standard	×	Bacteria	CHY		lition	



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

Company Name: Ensolum, LLC	Ensolum, LLC											6	Ë	BILL TO						SISA IVNO	2		RECHEST	TS			
Project Manager: Kelly Lowery	: Kelly Lowery	Klowery@Ensolum.com	m.cc	ğ						P.O. #:	#	- 1		ľ		٦	1		].						1	7	1
Address: 601 N.	Address: 601 N. Marienfeld St. STE 400	400								con	Company:	₹		OXY USA													
City: Midland		State: TX	Zip:	Ö	79701	01				Attn:		×	ade l	Wade Dittrich				· ·									
Phone #: (214)7	(214)733-3165	Fax #:								Add	Address:	92															
Project #: 03B	03B1417116	Project Owner:	77						_	City:																O	
Project Name:	Corral Gorge 12	Corral Gorge 12 13 Federal Com. 32H	I						10	State:	œ.		Zip:														
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Sampler Name:	Leah Nunez								_	Fax #:	#																
FOR LAB USE ONLY			·.	$\neg$	$\Box$		MATRIX	문	۱.	-	R	PRESERV.		SAMPLING	ING			00									
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### (575) 393-2326 FAX (575) 393-2476

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Company Name: Ensolum, LLC	Ensolum, LLC											8	BILL TO				1		ANA	SISA IVN		RECHEST		1			
Project Manager: Kelly Lowery	: Kelly Lowery	Klowery@Ensolum.com	m.cc	m					P.O.	.#:	"				$\neg$	┪						١;	<b>⊣</b> i	_[:			$\dashv$
Address: 601 N. Marienfeld St. STE 400	Marienfeld St. ST	E 400							Col	np	Company:		OXY USA														
City: Midland		State: TX	Zip:	ö	79701				Attn:	=	<	Vad	Wade Dittrich														
Phone #: (214)7:	(214)733-3165	Fax #:							Address:	re	SS:																
Project #: 03B	03B1417116	Project Owner:						_	City:																		
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Sampler Name:	Leah Nunez								Fax #:	#	7												_				
FOR LAB USE ONLY			┪	┪		MATRIX	쒸	H		칦	PRESERV	ŝ	SAMPLING	LING			0										
Lab I.D.	Sample I.D.	Depth (feet)	RAB OR (C)OMP.	ONTAINERS	OUNDWATER STEWATER	L	10.05	JDGE	HER:	D/BASE:	/ COOL	HER:			EX 8021B	PH 8015M	ILORIDE 450										
2	SW-30	0.50	0	STREET, SQUARE, SQUARE,	V	Xs	C		-		-		8/13/24	1355	X E	< 1	< 0	$\perp$				T	+	$\perp$	$\perp$		+
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25	SWI AD	0.50	0	_		X	+	+	+		X	-	8/13/24	1415			×										
3 2	SW 30	0.50	0			X	+	-	+		X	_	8/13/24	1420	×	×	×										
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29	FS-45	0.50'	C	_		X	-			/	X	-	8/13/24	1445	>	>	×>	_					+	-			
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analyses. All claims including the service. In no event shall Cardinal filiates or successors arising o	ing those for negligence and any ardinal be liable for incidental or ardinal be liable for incidental or incidental or or related to the perform	analyses. All claims including those for negligence and any other secusive remedy for any claim arising whether based in contract or for, shall be limited to the amount paid by the client for the service. In no event shall Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal within 30 days after completion of the applicable in the service 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 Clarifon, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such dams is based upon any of the above stand researce or otherwise.	y claim semed without rdinal,	waive limita regan	ng whether bay ed unless mad ation, business dless of wheth	sed in a le in wr interru	contracting auting aptions	d or to	eived of use sed u	all be by C	limite ardina oss of any of	d to the l within profits	e amount paid by 30 days after co incurred by clien	the client for the impletion of the at, its subsidiaries	applicab	ē							ı	-			ı
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Project Manager: Kelly Lowery KI  Address: 601 N. Marienfeld St. STE 400  City: Midland	Kelly Lowery	Klowery@Ensolum.com	ım.com		P.O. #:	BILL TO					ANA	ANALYSIS	REQUEST	1
Address: 601 N.	Marienfeld St ST	Klowery@Ensolu	ım.com		P.O. #:			]	4					•
Address: 601 N.	Marienfeld St ST							_	_	-			1	-
	ייימו יכוויכות כר. כדו	€ 400			Company:	OXY USA								
		State: TX	<b>Zip:</b> 79	79701	Attn: Wa	Wade Dittrich								
Phone #: (214)733-3165	3-3165	Fax #:			Address:					_			_	_
Project #: 03B1	03B1417116	Project Owner:	er:		City:			100					_	_
Project Name:	Corral Gorge 12	Corral Gorge 12 13 Federal Com. 32H	2H		State:	Zip:							_	
Project Location:	Eddy County, NM	MM			Phone #:	1			_					_
Sampler Name:	Leah Nunez				Tax #									
FOR LAB USE ONLY				MATRIX	PRESERV.	SAMPLING	ING		_	0				
Lab I.D.	Sample I.D.	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 450				
20	SW-45	0.50'	<b>→</b> #	X	X 10	8/13/24	1455	+	+	7	1	+	+	+
36	SW-47	0.50'	C 1	×	×	8/13/24	1500	× ;		^/		-		
	DS-02	0.50	0	×	X	8/13/24	1515		X	X.		+		
	00	0.50	1	×	×	8/13/24	1520	-	2	9119	2			
analyses. All claims including those for negligence and any other cause whatsonever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the service. In or event shall be disable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of prelated to the performance of services hereunder by Cardinal, repardless of whether such claim is based upon any of the above stated reasons or otherwise.	ses. All claims including those for negligence and any of the increase of the control of the co	or chem's exclusive remedy for arther cause whatsoever shall be of insequental damages, including ance of services hereunder by Co	ny claim arising whe feemed waived unle without limitation, b ardinal, regardless or	offer based in contract o less made in writing and i usiness interruptions, low of whether such claim is	Jusive termedy for any claim arising whether based in contract or tort, shall be limited to the amon halsoever shall be deemed walved unless made in writing and received by Cardinal within 50 da da damages, including without limitation, business injerruptions, loss of use, or loss of profits incurre ces hereunder by Cardinal, regardless of whether such claim is based upon any of the above size.	he amount paid by in 30 days after con is incurred by client, bove stated reason	y the client for the ampletion of the al t, its subsidiaries, ns or otherwise.	pplicable				-		
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Relinquished By:		Date:	Received By:	By:		20	REMARKS:							
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Sampler - UPS - Bus - Other:		100		Cool Intact					0	Rush	Co	Cool Intact		Ohserved Temp °C



August 21, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: CORRAL GORGE 12 13 FEDERAL COM 32H

Enclosed are the results of analyses for samples received by the laboratory on 08/14/24 13:54.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited certif.html.

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

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

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

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

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CORRAL GORGE 12 13 FEDERAL CI

Project Number: 03B1417116

Project Manager: KELLY LOWERY

Fax To:

Reported: 21-Aug-24 14:39

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DS - 02 @ 0.50'	H244919-01	Soil	13-Aug-24 15:15	14-Aug-24 13:54
	H244919-02	Soil	13-Aug-24 15:20	14-Auα-24 13:54

08/21/24- Client added sample depths (see COC). This is the revised report and will replace the one sent on 08/20/24.

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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### Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CORRAL GORGE 12 13 FEDERAL CO

Reported: 21-Aug-24 14:39

Project Number: 03B1417116 Project Manager: KELLY LOWERY

av Tai

Fax To:

DS - 02 @ 0.50' H244919-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4081538	CT	15-Aug-24	4500-Cl-B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4081424	MS	15-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4081424	MS	15-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4081424	MS	15-Aug-24	8015B	
Surrogate: 1-Chlorooctane			120 %	48.2	-134	4081424	MS	15-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane			141 %	49.1	-148	4081424	MS	15-Aug-24	8015B	

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### Analytical Results For:

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

Project: CORRAL GORGE 12 13 FEDERAL CO

Reported: 21-Aug-24 14:39

Project Number: 03B1417116

Project Manager: KELLY LOWERY

Fax To:

DS - 06 @ 0.50' H244919-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Lahorai	orios					

### Cardinal Laboratories

**Inorganic Compounds** 16.0 4081538 15-Aug-24 4500-Cl-B Chloride mg/kg

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### **Analytical Results For:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CORRAL GORGE 12 13 FEDERAL CI

Project Number: 03B1417116

Project Manager: KELLY LOWERY

Fax To:

Reported: 21-Aug-24 14:39

### **Inorganic Compounds - Quality Control**

### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4081538 - 1:4 DI Water										
Blank (4081538-BLK1)				Prepared &	Analyzed:	15-Aug-24				
Chloride	ND	16.0	mg/kg							
LCS (4081538-BS1)				Prepared &	Analyzed:	15-Aug-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4081538-BSD1)				Prepared &	Analyzed:	15-Aug-24				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Celey D. Keene



%REC

### **Analytical Results For:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CORRAL GORGE 12 13 FEDERAL CI

Source

Project Number: 03B1417116

Project Manager: KELLY LOWERY

Spike

Fax To:

Reported: 21-Aug-24 14:39

RPD

### Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4081424 - General Prep - Organics										
Blank (4081424-BLK1)				Prepared:	14-Aug-24	Analyzed:	15-Aug-24			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.2		mg/kg	50.0		98.5	48.2-134			
Surrogate: 1-Chlorooctadecane	58.4		mg/kg	50.0		117	49.1-148			
LCS (4081424-BS1)				Prepared:	14-Aug-24	Analyzed:	15-Aug-24			
GRO C6-C10	206	10.0	mg/kg	200		103	66.4-123			
DRO >C10-C28	208	10.0	mg/kg	200		104	66.5-118			
Total TPH C6-C28	413	10.0	mg/kg	400		103	77.6-123			
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	48.2-134			
Surrogate: 1-Chlorooctadecane	61.0		mg/kg	50.0		122	49.1-148			
LCS Dup (4081424-BSD1)				Prepared:	14-Aug-24	Analyzed: 1	15-Aug-24			
GRO C6-C10	194	10.0	mg/kg	200		96.8	66.4-123	6.12	17.7	
DRO >C10-C28	187	10.0	mg/kg	200		93.4	66.5-118	10.6	21	
Total TPH C6-C28	380	10.0	mg/kg	400		95.1	77.6-123	8.34	18.5	
Surrogate: 1-Chlorooctane	51.3		mg/kg	50.0		103	48.2-134			
Surrogate: 1-Chlorooctadecane	58.5		mg/kg	50.0		117	49.1-148			

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 8

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(5/5) 393-2326	(3/5) 393-2326 FAX (3/3) 393-24/6	0			
Company Name: Enselvation	C-		BILL TO	ANALYSIS	REQUEST
roject Manager: Kully Louve	2		P.O. #:		
address: 601 N. Morris	fuld st.	57E 400	Company: 0x9 USA		
2	X	Zip: 7470 )	Attn: wade Dittrich	2	
hone #: (214)733-3165	Fax #:		Address:		
Project #: 0381417116	Project Owner:		City:		
roject Name: (orra) (750 g &	17 13 FW	ral con. 32H	State: Zip:		
Project Location: Edd a Conty	ty dry		Phone #:	70	
			Fax #:		,
FOR LAB USE ONLY	0.45	S ER	PRESERV. SAMPLING	8015.	
Lab I.D. Sample I.D.	*	(G)RAB OR (C # CONTAINER GROUNDWAT WASTEWATE SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TPA (hlori	
CO-SO DS-03	@ 0.50	- ×	×	1515 × ×	
2 05-06	@ 0.50·	x - c	nelsys X	1570 ×	
	and client's exclusive remedy for any control other cause whatsoever shall be dee consequental damages, including with	claim arising whether based in contractions arising whether based in writing arisined waived unless made in writing arisined waived unless interruptions.	t or tort, shall be limited to the amount pake nd received by Cardinal within 30 days after loss of use, or loss of profits incurred by co	by the client for the completion of the applicable on its subsidiaries, and its subsidiaries,	
Received By:	Date:	Received By:		Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address:	SS: #:
Relinquished By:	1	QQQUIO	0	REMARKS: * Customer regu	marked Depths to be
Delivered By: (Circle One)	Observed Temp. °C().():	Sample Condition Cool Intact	tion CHECKED BY: (Initials)	Standard K	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Corrected Temp. °C A 14 14 Yes 14 Yes	9	Thermometer ID #140 Yes	Yes   Yes



September 19, 2024

**BEAUX JENNINGS** 

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: LEA LAND CALICHE PIT

Enclosed are the results of analyses for samples received by the laboratory on 09/16/24 14:00.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received: 09/16/2024 Sampling Date: 09/13/2024

Reported: 09/19/2024 Sampling Type: Soil Project Name: LEA LAND CALICHE PIT Sampling Condition: Coo

Project Name: LEA LAND CALICHE PIT Sampling Condition: Cool & Intact
Project Number: 03B1417160 Sample Received By: Tamara Oldaker

Project Location: OXY

### Sample ID: LEA LAND CALICHE PIT 0.5' (H245619-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	09/17/2024	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	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	98.6	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	70.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

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

-0.60 Te

No No

## **CARDINAL** Laboratories

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC City: Midland Sampler Name: Kaoru Shimada Project #: 0381417160 Phone #: (210)219-8858 Delivered By: (Circle One)
Sampler - UPS - Bus - Other Address: 601 N. Marienfeld St. STE 400 Project Location: roject Manager: Beaux Jennings Relinquished By: Relinquished By: Lab I.D. Project Name: Kapry 637 Sample I.D. himada Land State: TX aliche P. Project Owner: Zip: Observed Temp. °C Corrected Temp. °C Caliche Dage 16.24 Time:/400 Sample Depth (feet) 79701 Email:bjennings@ensolum.com (G)RAB OR (C)OMP Received By: # CONTAINERS GROUNDWATER Sample Condi WASTEWATER MATRIX SOIL OIL SLUDGE P.O. #: OTHER State: Phone #: City: Attn: Wade Dittrich Address: Company: OXY USA CHECKED BY: (Initials) ACID/BASE BILL TO OTHER Zip: DATE SAMPLING bennings@ensolum.com, klowery@ensolum.com Verbal Result: ☐ Yes ☒ No Add'I Phone # All Results are emailed. Please provide Email address: REMARKS: Paykey/AFE/NonAFE: 1041 BTEX 8021B Cool Intact X **TPH 8015M** × Chloride 4500 ANALYSIS REQUEST Hold

Page 4 of 4

<u>District I</u> 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

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**

QUESTIONS

Action 390943

### **QUESTIONS**

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	390943
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328544895
Incident Name	NAPP2328544895 CORRAL GORGE 12 13 FEDERAL COM. 32H @ 0
Incident Type	Blow Out
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Corral Gorge 12 13 Federal Com. 32H
Date Release Discovered	10/06/2023
Surface Owner	State

Incident Details				
Please answer all the questions in this group.				
Incident Type	Release Other			
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	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Crude Oil   Released: 3 BBL   Recovered: 0 BBL   Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Produced Water   Released: 4 BBL   Recovered: 0 BBL   Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	produced water and crude oil release from a flow line rupture.

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

**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 390943

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUEST	TONS (continued)
Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696 Action Number: 390943 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response  The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	I liation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o eted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required tasses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or
Lhereby garee and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator

Email: wade\_dittrich@oxy.com

Date: 10/08/2024

I hereby agree and sign off to the above statement

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

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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 390943

### **QUESTIONS** (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	390943
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 100 and 200 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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.		
d, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
roposed remediation plan in accordance with 19.15.29.12 NMA		
ime as more remediation efforts are completed.		
r ti		

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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

QUESTIONS, Page 4

Action 390943

**QUESTIONS** (continued)

ı	Operator:	OGRID:
ı	OXY USA INC	16696
ı	P.O. Box 4294	Action Number:
ı	Houston, TX 772104294	390943
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	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.	

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

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

I hereby agree and sign off to the above statement

Name: Wade Dittrich

Title: Environmental Coordinator Email: wade\_dittrich@oxy.com

Date: 10/08/2024

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.

Released to Imaging: 11/1/2024 11:34:18 AM

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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 5

Action 390943

### **QUESTIONS** (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	390943
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### 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 No submission

District I

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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 6

Action 390943

OUESTIONS (continued)

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Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	390943
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	

Sampling Event Information	
Last sampling notification (C-141N) recorded	371777
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/13/2024
What was the (estimated) number of samples that were to be gathered	32
What was the sampling surface area in square feet	3200

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps nave been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9600
What was the total volume (cubic yards) remediated	118
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	9600
What was the total volume (in cubic yards) reclaimed	118
Summarize any additional remediation activities not included by answers (above)	NA

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Name: Wade Dittrich
Title: Environmental Coordinator
Email: wade\_dittrich@oxy.com
Date: 10/08/2024

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QUESTIONS, Page 7

Action 390943

**QUESTIONS** (continued)

Operator:	OGRID:
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P.O. Box 4294 Houston, TX 772104294	Action Number: 390943
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 390943

### **CONDITIONS**

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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2328544895 CORRAL GORGE 12 13 FEDERAL COM. 32H, thank you. This Remediation Closure Report is approved.	11/1/2024