

**REMEDIATION CLOSURE REPORT** 

Property:

Precious NC 31 CTB LACT 3

Unit E, S31, T23S, R31E 32.264346° N, 103.822915° W Eddy County, New Mexico Facility ID: fAPP2317679662

NMOCD Incident ID: nAPP2429749799

April 16, 2025

Ensolum Project No. 03B1417234

Prepared for:

Oxy USA, Inc. PO Box 4324 Houston, Texas 77210

Attn: Wade Dittrich

Prepared by:

Kelly **(**owery, GI Project Geologist

Beaux Jennings Associate Principal

Released to Imaging: 5/14/2025 1:27:52 PM

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# **REMEDIATION CLOSURE REPORT**

Precious NC 31 CTB LACT 3

Unit E, S31, T23S, R31E 32.264346° N, 103.822915° W Eddy County, New Mexico Facility ID: fAPP2317679662

#### NMOCD Incident ID: nAPP2429749799

#### INTRODUCTION 1.0

#### 1.1 Site Description and Background

Operator:	Oxy USA, INC.
Site Name:	Precious NC 31 CTB LACT 3
Location:	Unit E, Section 31, Township 23 South, Range 31 East Facility ID: fAPP2317679662 32.264346° N, 103.822915° W Eddy County, New Mexico
Property:	Federal land managed by the Bureau of Land Management (BLM)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On October 19, 2024, Oxy had a release of produced oil at the Site due to a valve leak. Approximately 120 barrels (bbls) of produced oil was released onto the ground surface on-pad with 80 bbls of produced oil recovered. Oxy reported the release to the New Mexico EMNRD OCD by email on October 21, 2024 and online via a report through the online notice of release (NOR) form on October 23, 2024. The release was assigned Incident Number nAPP2429749799.

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.

#### 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 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.



Supporting documentation and figures associated with the following bullets are provided in **Appendix B**.

- No exploratory water wells were identified within a 0.5-mile radius of the Site on the OSE Water Rights Reporting System (WRRS) database. However, one depth to groundwater soil boring (SB-14) was advanced by Trinity Oilfield Services (Trinity) on March 20, 2024 to a total depth of 105 feet below ground surface (bgs) approximately 0.26-miles northeast of the Site. After a period of 72-hours, the soil boring was observed to be dry and was subsequently backfilled. The soil boring is depicted on Figure 4 (Appendix A) with the soil boring log included in Appendix B.
- 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 not located within 300 feet of a wetland.
- 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 located within a stable area, also referred to as low 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:



Oxy USA, Inc. Remediation Closure Report Precious NC 31 CTB LACT 3

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CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE (NON-VEGETATIVE ZONE)							
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	20,000 mg/kg				
	TPH (GRO+DRO)	EPA SW-846 Method 8015M	1,000 mg/kg				
> 100 feet	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg				
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg				
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg				

CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE (VEGETATIVE ZONE)								
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 Cl B	600 mg/kg					
≤ 50 feet	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg					
	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 19, 2024, Oxy had a release of produced oil at the Site due to a valve leak. Approximately 120 bbls of produced oil were released onto the ground surface on-pad with 80 bbls of produced oil recovered.

On November 7, 2024, prior to remediation activities, a soil sampling variance of 400 square feet for excavation floor samples was requested by Ensolum on behalf of Oxy. The EMNRD OCD subsequently approved the variance on November 12, 2024.

From January 16, 2025 through February 28, 205, remediation activities were conducted at the Site.



On January 16, 2025, subsequent to excavation activities and hydrovac excavation activities to spot subsurface lines, Ensolum arrived on-Site to collect 26 composite excavation floor soil samples (FS01 through FS26) at depths ranging from 0.5 to 2 feet bgs. Additionally, Ensolum collected six composite excavation sidewall soil samples (SW01 through SW06) ranging in depth from 0 to 1 foot bgs. Based on laboratory analytical data, additional excavation and/or remediation was required.

On February 17, 2025, a sampling notification variance was requested by Ensolum on behalf of Oxy. Oxy Operations had been performing Lease Automatic Custody Transferring (LACT) unit testing within the immediate vicinity of the excavation which had caused all remediation activities to cease until completed. To be proactive before the next testing event, the variance was request and subsequently approved by the EMNRD OCD on February 18, 2025.

On February 18, 2025, subsequent to additional excavation activities, Ensolum arrived on-Site to collect two composite excavation floor soil samples (FS05 and FS10) at a depth of 2 feet and 3 feet bgs respectively. Additionally, one composite excavation sidewall soil sample (SW01) was collected at a depth of 0 to 0.5 feet bgs. Based on laboratory analytical data, additional excavation and/or remediation was required.

On February 28, 2025, subsequent to additional excavation activities utilizing hand tools to extend the soil sample location further south, Ensolum arrived on-Site to collect one composite excavation sidewall soil sample (SW01) at a depth of 0 to 0.5 feet bgs. Based on laboratory analytical results, no additional excavation and/or remediation activities were warranted at that time.

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), and chloride in accordance with the New Mexico EMNRD OCD Closure Criteria for Soils Impacted by a Release (NMOCD Closure Criteria).

The final excavation measured approximately 10,475 square feet in arial extent, at a depth ranging from 0.5 feet to 3 feet bgs. A total of approximately 348 cubic yards (cy) of soil were excavated from the Site and hauled off for proper disposal at the Lea Land Facility located in Hobbs, New Mexico. After confirmation sampling was completed, the backfill of the excavation was completed utilizing material purchased locally from the Twin Wells Caliche Pit and recontoured to match pre-existing conditions.

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

#### 4.0 SOIL SAMPLING PROGRAM

Ensolum's soil sampling program from January 16, 2025 through February 28, 2025 included the collection of a total of 28 excavation floor soil samples from 26 locations and eight excavation sidewall soil samples from six locations.

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 SM4500CI-B.

Laboratory analytical results are summarized in **Table 1**, **Table 2**, and **Table 3** 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 to laboratory sample detection limits (SDLs) associated with the soils remaining in place at the Site to the applicable NMOCD Closure Criteria. The final composite soil samples collected from the Non-Vegetative Zone were compared to the NMOCD Closure Criteria for Soils Impacted by a Release (Non-Vegetative Zone), while the final composite soil samples collected from the Vegetative Zone were compared to the NMOCD Closure Criteria for Soils Impacted by a Release (Vegetative Zone).

- Laboratory analytical results indicate benzene concentrations for excavation floor soils and excavation sidewall soils remaining in place at the Site and the backfill material are below the laboratory SDLs or the applicable NMOCD Closure Criteria of 10 milligrams per kilogram (mg/kg).
- Laboratory analytical results indicated that total BTEX concentrations for excavation floor soils and excavation sidewall soils remaining in place at the Site and the backfill material are below the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 50 mg/kg.
- Laboratory analytical results indicate that the combined TPH-GRO/DRO concentrations for excavation floor soils remaining in place in the Non-Vegetative Zone are below the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 1,000 mg/kg for depth to groundwater >100 feet.
- Laboratory analytical results indicate that the combined TPH-GRO/DRO/MRO concentrations for excavation floor soils remaining in place in the Non-Vegetative Zone are below the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 2,500 mg/kg for depth to groundwater >100 feet.
- Laboratory analytical results indicate chloride concentrations for excavation floor soils remaining in place in the Non-Vegetative Zone are below the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 20,000 mg/kg for depth to groundwater >100 feet.
- Laboratory analytical results indicated combined TPH-GRO/DRO/MRO concentrations for excavation sidewall soils remaining in place in the Vegetative Zone and the backfill material are below 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 excavation sidewall soils remaining in place in the Vegetative Zone and the backfill material are below the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 600 mg/kg for depth to groundwater ≤50 feet.



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Laboratory analytical results are summarized in Table 1, Table 2, and Table 3 in Appendix D.

## 7.0 RECLAMATION AND RE-VEGETATION

Subsequent to the results of the final confirmation soil sampling, the identified impacted soils were removed and taken off-Site for proper disposal. A composite soil sample was collected from the backfill material used at the Site. The excavated area was backfilled with clean fill material and then contoured to the original surrounding grade. Since the release area was on an active facility pad in an area reasonably needed for production operations or for subsequent drilling operations, no reclamation or re-vegetation was required at this time per 19.15.29.13 NMAC.

#### 8.0 FINDINGS AND RECOMMENDATION

- On October 19, 2024, Oxy had a release of produced oil at the Site due to a valve leak. Approximately 120 bbls of produced oil were released onto the ground surface on-pad with 80 bbls of produced oil recovered.
- Ensolum's soil sampling program from January 16, 2025 through February 28, 2025 included the collection of a total of 28 excavation floor soil samples from 26 locations and eight excavation sidewall soil samples from six locations.
- 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 measured approximately 10,475 square feet in arial extent, at a depth ranging from 0.5 feet to 3 feet bgs. A total of approximately 348 cy of soil were excavated from the Site and hauled off for proper disposal at the Lea Land Facility located in Hobbs, New Mexico. After confirmation sampling was completed, the backfill of the excavation was completed utilizing material purchased locally from the Twin Wells Caliche Pit and re-contoured to match pre-existing conditions.
- Based on laboratory analytical results, the final composite soil samples collected from the excavation floor, sidewalls, delineation soil samples, and the backfill material did not exhibit benzene, total BTEX, TPH GRO/DRO, TPH GRO/DRO/MRO, or chloride concentrations above the applicable NMOCD Closure Criteria.

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 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

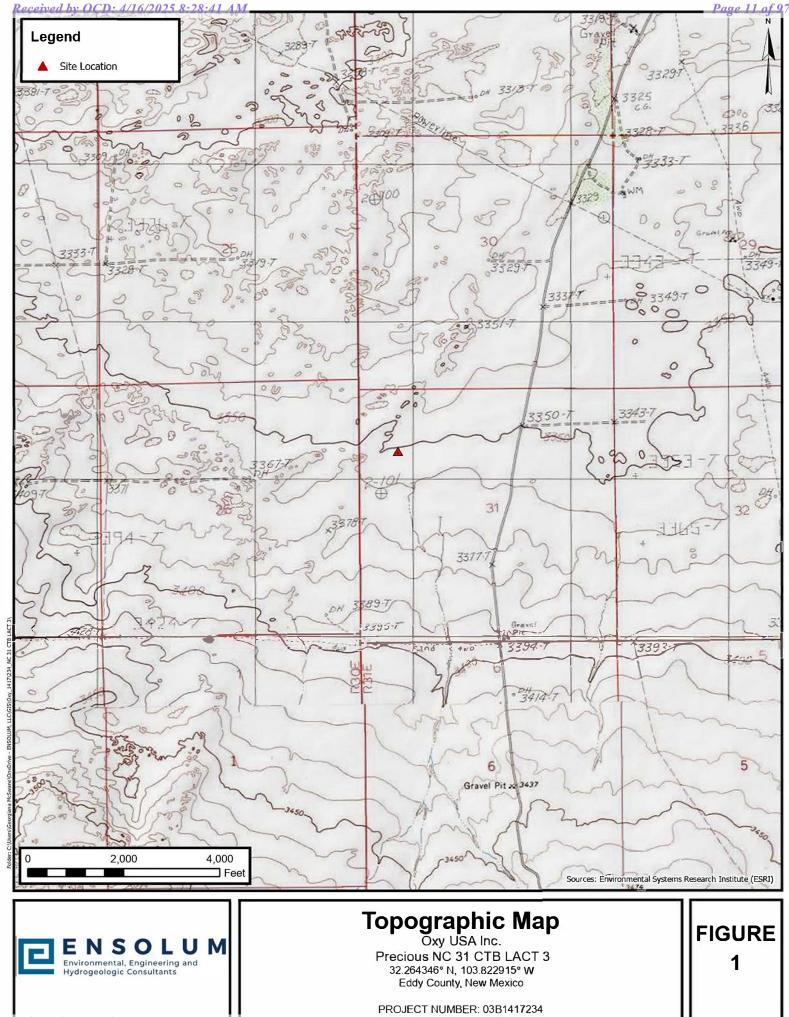
This report has been prepared for the exclusive use of Oxy USA Inc., and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Oxy USA Inc. and Ensolum. Any unauthorized distribution 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.



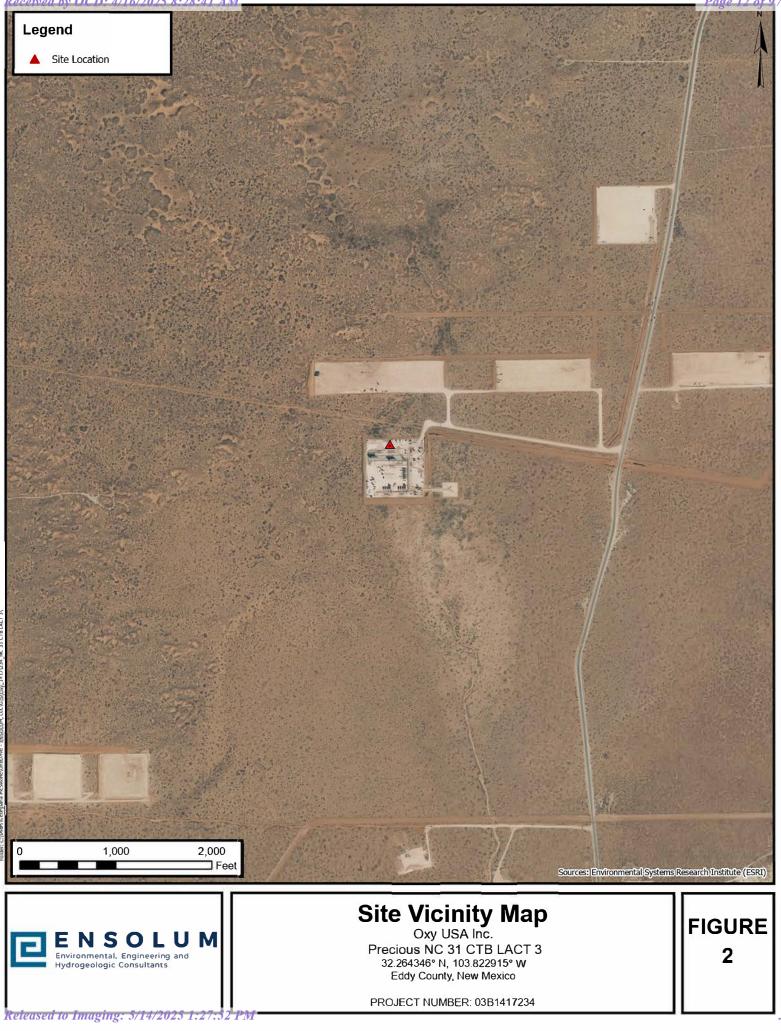


APPENDIX A

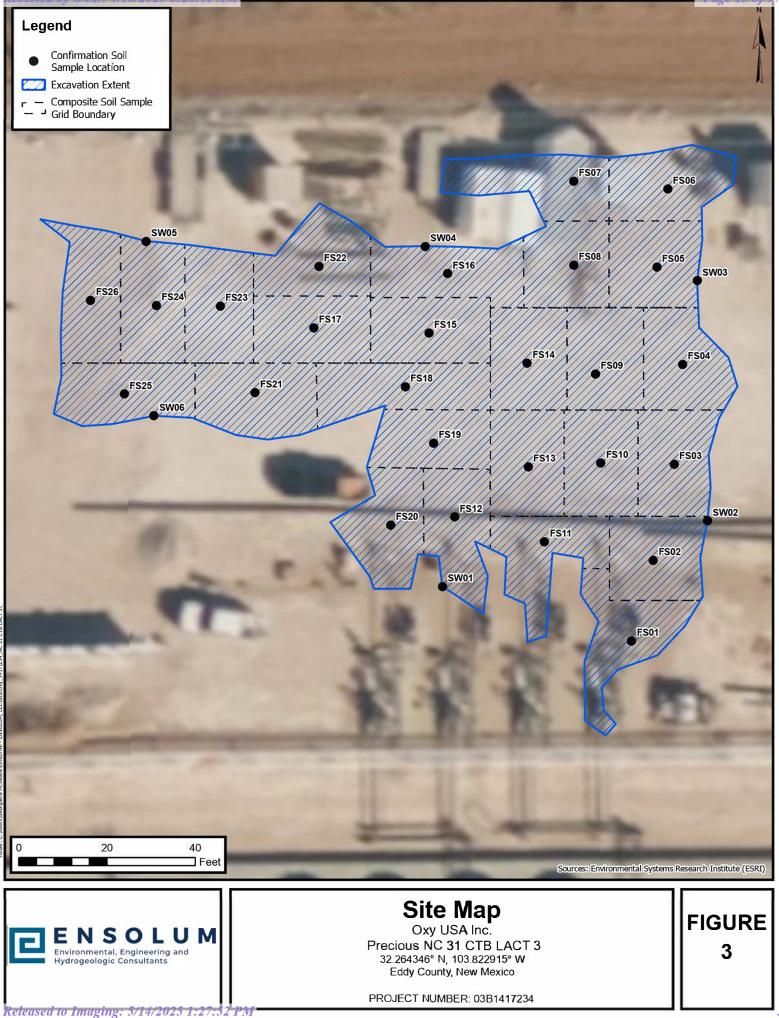
Figures



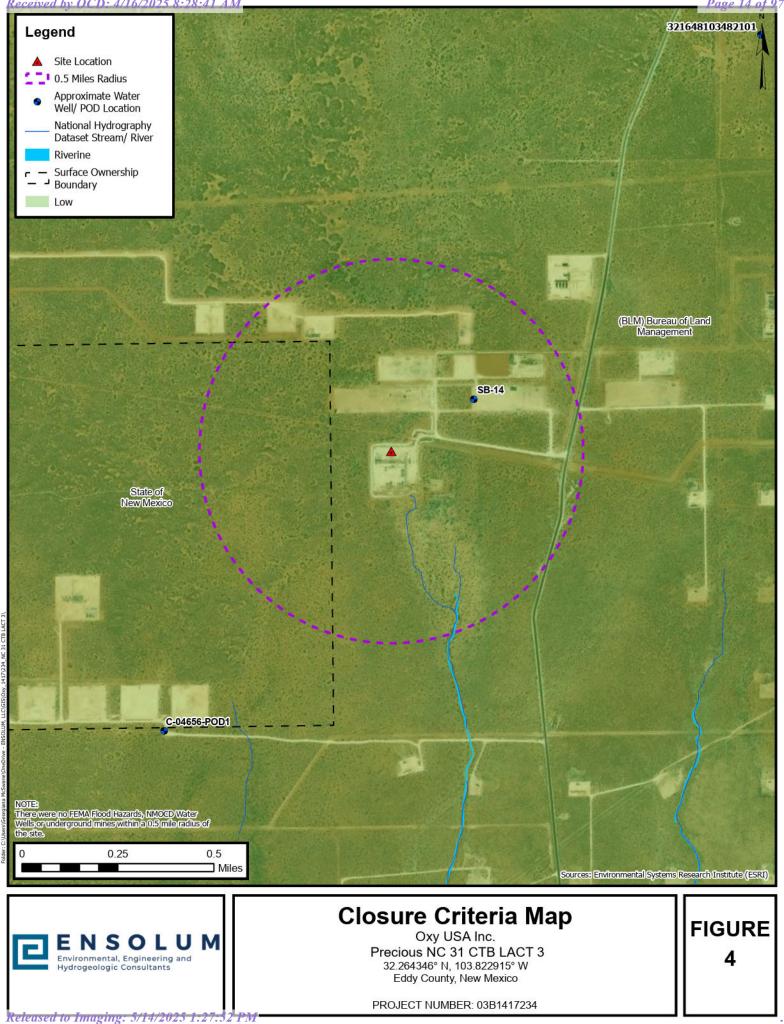
Released to Imaging: 5/14/2025 1:27:52 PM



Received by OCD: 4/16/2025 8:28:41 AM



Received by OCD: 4/16/2025 8:28:41 AM





APPENDIX B

**Supporting Documentation** 

# **Kelly Lowery**

From:	Dittrich, John W <wade_dittrich@oxy.com></wade_dittrich@oxy.com>
Sent:	Monday, October 21, 2024 10:28 AM
То:	OCD.Enviro@emnrd.nm.gov; BLM_NM_CFO_Spill@blm.gov
Cc:	Kelly Lowery; Beaux Jennings
Subject:	Initial Notification-Precious NC 31 CTB

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

All,

This is to inform you that Oxy Permian had a **Reportable** release in **Eddy County** at the **Precious NC 31 CTB** on **10/19/2024**.

Release Location: Legal -31-23S-31E
Release Volume: 120 bbls of Oil and 0 bbls of Produced Water.
Recovered: 80 bbls of Oil recovered and 0 bbls of PW recovered
Cause of Release: Ball valve left open between Lact and charge pump
Approximate Area impacted by release: -Leak is on pad (measurements are subject to change with GPS tracking)
GPS Coordinates of Leak and Driving Directions: 32.26437, -103.823580- Int. Of Hwy 128 and Twin Wells Rd, go South on TWR for 2.5 miles, turn right, go .4 to location.

Please let me know if you have any questions.

Wade Dittrich Environmental Advisor New Mexico 575-390-2828 wade\_dittrich@oxy.com

# **Kelly Lowery**

From:	Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov></shelly.wells@emnrd.nm.gov>
Sent:	Tuesday, November 12, 2024 11:53 AM
То:	Kelly Lowery
Cc:	Dittrich, John W; Tyson_Pierce@oxy.com; Beaux Jennings; Bratcher, Michael, EMNRD;
	Rodgers, Scott, EMNRD
Subject:	RE: [EXTERNAL] Sampling Variance Request - Precious NC 31 CTB LACT 3 (Incident ID: nAPP2429749799) - 10/19/2024

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

Good morning Kelly,

A variance is approved to collect samples from the base of the excavation at a frequency of every 400 square feet. Confirmation sidewall samples should be collected at a frequency of every 200 square feet. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520<u>|Shelly.Wells@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

From: Kelly Lowery <<u>klowery@ensolum.com</u>>
Sent: Thursday, November 7, 2024 8:25 AM
To: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>
Cc: Dittrich, John W <<u>Wade\_Dittrich@oxy.com</u>>; Pierce, Tyson (Legacy Safety & Consulting LLC)
<<u>tyson\_pierce@oxy.com</u>>; Beaux Jennings <<u>bjennings@ensolum.com</u>>
Subject: [EXTERNAL] Sampling Variance Request - Precious NC 31 CTB LACT 3 (Incident ID: nAPP2429749799) 10/19/2024

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

#### Good morning,

On behalf of Oxy USA, Inc. (Oxy), Ensolum, LLC (Ensolum) requests a variance from the 200 square feet sampling requirement cited in 19.15.29.12 (D)(1)(c) for the Precious NC 31 CTB LACT 3 (Incident ID: nAPP2429749799). To provide some background, the release occurred on 10/19/2024 with 120 barrels of crude oil released and 80 barrels of crude oil recovered via vac truck efforts. The spill remained wholly on-pad and did not go off-pad.

Ensolum requests an alternate of 400 square feet, five-point composite samples collected from the Site. The current release extent is approximately 11,873 square feet, which would roughly equal 59 composite samples collected per the 200 square feet sampling requirement. If approved, the 400 square foot variance would decrease the number of samples collected to approximately 30 samples. Attached are the various maps depicting the site characterizations for the surrounding area. Additionally, a soil boring was completed 0.26-miles northeast of the site by Trinity Oilfield Services on 03/20/2024 to a total depth of 105' with no groundwater encountered. The soil boring log and map are attached here for your reference and was included in the initial C-141 submission on 11/5/2024.

With the provided information, Ensolum kindly asks that the OCD will acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thank you,



# **Kelly Lowery**

From: Sent:	Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov> Thursday, January 16, 2025 4:44 PM</shelly.wells@emnrd.nm.gov>
То:	Kelly Lowery
Cc:	Dittrich, John W; Pierce, Tyson (Legacy Safety & Consulting LLC); Beaux Jennings; Bratcher, Michael, EMNRD
Subject:	RE: [EXTERNAL] Extension Request - Precious NC 31 CTB LACT 3 (Incident ID: nAPP2429749799)

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

Good afternoon Kelly,

The extension request for NAPP2429749799 PRECIOUS NC 31 CTB LACT 3 is approved. The new due date to submit your closure report to the OCD is April 16, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520 Shelly.Wells@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/

From: Kelly Lowery <klowery@ensolum.com>
Sent: Thursday, January 16, 2025 3:31 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Dittrich, John W <Wade\_Dittrich@oxy.com>; Pierce, Tyson (Legacy Safety & Consulting LLC)
<tyson\_pierce@oxy.com>; Beaux Jennings <bjennings@ensolum.com>
Subject: [EXTERNAL] Extension Request - Precious NC 31 CTB LACT 3 (Incident ID: nAPP2429749799)

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#### Good afternoon,

On behalf of Oxy USA Inc, Ensolum LLC would like to request a 90-day extension for the Precious NC 31 CTB LACT 3 (Incident ID: nAPP2429749799). Excavation and sampling activities are currently on-going but were delayed for a couple weeks due to Operations performing LACT unit testing in the area immediately surrounding the excavation extent, which shut down all other activities. This testing has now concluded, and excavation/sampling activities may now resume, with sampling scheduled for Thursday, January 16<sup>th</sup>. We ask that you please approve this extension request for any future sampling and subsequent reporting.

Thank you,



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## **Kelly Lowery**

From: Sent:	Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov> Tuesday, February 18, 2025 9:50 AM</shelly.wells@emnrd.nm.gov>
To:	Kelly Lowery
Cc:	Dittrich, John W; Pierce, Tyson (Legacy Safety & Consulting LLC); Beaux Jennings; Bratcher, Michael, EMNRD
Subject:	RE: [EXTERNAL] Sampling Notification Variance - Oxy - Precious NC 31 CTB LACT 3 (Incident ID: nAPP2429749799)

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

Hi Kelly,

A variance to the two business' day sampling notice is approved for NAPP2429749799 PRECIOUS NC 31 CTB LACT 3 for February 18, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520 <u>Shelly.Wells@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

From: Kelly Lowery <klowery@ensolum.com>
Sent: Monday, February 17, 2025 5:04 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Dittrich, John W <Wade\_Dittrich@oxy.com>; Pierce, Tyson (Legacy Safety & Consulting LLC)
<tyson\_pierce@oxy.com>; Beaux Jennings <bjennings@ensolum.com>
Subject: [EXTERNAL] Sampling Notification Variance - Oxy - Precious NC 31 CTB LACT 3 (Incident ID: nAPP2429749799)

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. (Oxy), Ensolum, LLC (Ensolum) would like to request a variance for the two business days sampling notification cited in 19.15.29.12 (D)(1)(a) for the Precious NC 31 CTB LACT 3 (Incident ID: nAPP2429749799). Oxy Operations has been performing LACT testing in close proximity to the Site which has caused delays with continued remediation activities. We were informed that the LACT testing has now been completed for the month of February 2025 and that remediation activities could resume. Based on this information and last minute availability with staff to be able to collect samples, Ensolum would like to request this

variance so samples may be collected tomorrow, February 18<sup>th</sup> before the next round of LACT testing commences. These samples may be utilized for closure subsequent to field screening and/or laboratory analytical results.

If there are any questions, please call or email.

Thank you,



# Received by OCD: #16/2025 8:28:41 AM



CLIENT OXY USA, Inc.

PROJECT NAME Precious NC 31 CTB

#### SOIL BORE LOG SB-14

DRILLING DATE 03/20/2024

TOTAL DEPTH 105'

•

COORDINATES 32.26646308, -103.81926161

COORD SYS NAD 83

<b>COMMENTS</b> Spud on the Hole was observed to be	e West side of the Precio dry after 72 hrs.	us 30 18 Federal Com #003H Well Pad. Bore	LOGGED BY CJ CHECKED BY DD
Depth (ft)	Moisture	Material Description	Elevation (f
_	D	Light Red Soil. Dry	- 3350
5			
		Yellowish Red Soil. Dry	- 3345
- 10		Reddish Yellow Soil. Dry	- 3340
15		Very Light Red Soil. Dry	- 3335
20		Reddish Yellow Soil. Dry	3330
25		Reddish Yellow Soil. Dry	
30		Light Red Soil. Dry	- 3320
- 35			
			- 3315
40		Light Red Soil. Dry	- 3310
45		Red Soil. Dry	- 3305
50		Red Soil. Dry	
55			
60			
65			- 3290
			- 3285
70			3280
75		Reddish Brown Soil. Dry	3275
80			3270
85			- 3265
90			
		Red Soil. Dry	
95			- 3255
100			3250
-105		/Red Soil. Dry Termination Depth at: 105 ft.	3245



APPENDIX C

Photographic Documentation

#### Receiged by OCD: 4/16/2025 8:28:41 AM=

Project: Precious NC 31 CTB LACT 3 Entity: Oxy USA, Inc. NMOCD Incident ID: nAPP2429749799



ENSOLUM

View of release extent prior to remediation activities, facing northeast (10/21/2024).



View of release extent, facing south west (10/21/2024).

#### Received by OCD: 4/16/2025 8:28:41 AM=

Project: Precious NC 31 CTB LACT 3 Entity: Oxy USA, Inc. NMOCD Incident ID: nAPP2429749799



<u>— Page 2</u>6 of 97

E N S O L U M

View of excavation extent during remediation activities, facing northwest (01/16/2025).



View of excavation extent during remediation activities, facing northwest (01/16/2025).

Received by OCD: 4/16/2025 8:28:41 AM=

Project: Precious NC 31 CTB LACT 3 Entity: Oxy USA, Inc. NMOCD Incident ID: nAPP2429749799



E E N S O L U M

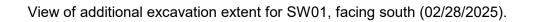
View of additional excavation extent for FS10, facing north (02/18/2025).



View of additional excavation extent for FS05, facing northwest (02/18/2025).



Precio





View of additional excavation extent for SW01, facing southwest (02/28/2025).



APPENDIX D

Table

# ENSOLUM

	TABLE 1         EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS (NON-VEGETATIVE ZONE)         Precious NC 31 CTB LACT 3         Oxy USA, Inc.         Eddy County, New Mexico         Ensolum Project No. 03B1417234											
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 10 NE NE NE NE 50 1,000 NE 2,500 20,000 (>100 feet)											
				E	Excavation Floor	Soil Sample A	Analytical Resu	lts			1	
FS01	01/16/2025	2	< 0.050	<0.050	<0.050	<0.150	<0.300	2	63	50.6	314	48.0
FS02	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	2	34	27.5	262	160
FS03	01/16/2025	0.5	< 0.050	<0.050	<0.050	<0.150	<0.300	1	59	12.1	171	144
FS04	01/16/2025	0.5	< 0.050	<0.050	<0.050	<0.150	<0.300	<1	0.0	<10.0	<10.0	144
FS05	01/16/2025	1	<0.050	<0.050	<0.050	<0.150	<0.300	1,7	780	389	2,169	80.0
F305	02/18/2025	2	<0.050	<0.050	<0.050	<0.150	< 0.300	<1	0.0	<10.0	<10.0	16.0
FS06	01/16/2025	1	< 0.050	<0.050	<0.050	<0.150	<0.300	3	78	104	482	48.0
FS07	01/16/2025	1	<0.050	<0.050	<0.050	<0.150	<0.300	2	55	34.1	289	144
FS08	01/16/2025	1	< 0.050	<0.050	<0.050	<0.150	<0.300	1	71	20.2	191	144
FS09	01/16/2025	0.5	< 0.050	<0.050	<0.050	<0.150	<0.300	16	5.5	<10.0	16.5	96.0
FS10	01/16/2025	1.5	<0.050	<0.050	<0.050	<0.150	<0.300	2,1	50	453	2,603	96.0
F310	02/18/2025	3	<0.050	<0.050	<0.050	<0.150	<0.300	2	65	37.1	302	16.0
FS11	01/16/2025	1	< 0.050	<0.050	<0.050	<0.150	<0.300	1:	31	37.6	169	128
FS12	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	29	.8	<10.0	29.8	80.0
FS13	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	24	l.1	<10.0	24.1	144
FS14	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	11	.4	<10.0	11.4	112
FS15	01/16/2025	1	<0.050	<0.050	<0.050	<0.150	<0.300	2	16	40.5	257	64.0
FS16	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	35	5.0	<10.0	35.0	112
FS17	01/16/2025	1	<0.050	<0.050	<0.050	<0.150	<0.300	24	.2	<10.0	24.2	96.0
FS18	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	24	l.1	<10.0	24.1	112
FS19	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	16	5.2	<10.0	16.2	112
FS20	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	18	3.0	<10.0	18.0	128
FS21	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<1	0.0	<10.0	<10.0	128
FS22	01/16/2025	1	<0.050	<0.050	<0.050	<0.150	<0.300	14	l.9	<10.0	14.9	112
FS23	01/16/2025	1	<0.050	<0.050	<0.050	<0.150	<0.300	14	l.9	<10.0	14.9	96.0
FS24	01/16/2025	1	<0.050	<0.050	<0.050	<0.150	<0.300	5	23	97.6	621	80.0
FS25	01/16/2025	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	1	51	35.5	187	112
FS26	01/16/2025	1	<0.050	<0.050	<0.050	<0.150	<0.300	1	95	44.9	240	128

Concentrations in **bold** and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (>100 feet)

Additional Excavation and/or Re-Sample

bgs: below ground surface

mg/kg: milligrams per kilogram

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

Received by OCD: 4/16/2025 8:28:41 AM

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# TABLE 2 EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS (VEGETATIVE ZONE) Precious NC 31 CTB LACT 3 Oxy USA, Inc. Eddy County, New Mexico Ensolum Project No. 03B1417234

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)
	I Conservation I Soils Impacted b (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600
				Ex	cavation Sidewa	II Soil Sample	Analytical Re	sults				
	01/16/2025	0 - 0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	197	32.3	229	32.0
SW01	02/18/2025	0 - 0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	463	124	587	144
	02/28/2025	0 - 0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW02	01/16/2025	0 - 0.5	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	35.0	<10.0	35.0	96.0
SW03	01/16/2025	0 - 1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
SW04	01/16/2025	0 - 0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
SW05	01/16/2025	0 - 1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SW06	01/16/2025	0 - 0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0

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

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

# E N S O L U M

	TABLE 3         BACKFILL SOIL SAMPLE ANALYTICAL RESULTS         Twin Wells Caliche Pit         Oxy USA, Inc.         Eddy 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	
	Composite Background Soil Sample Analytical Result											
Twin Wells Caliche Pit	09/09/2024	NA	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0

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



January 21, 2025

KELLY LOWERY ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PRECIOUS NC 31 CTB LACT 3

Enclosed are the results of analyses for samples received by the laboratory on 01/16/25 15:00.

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/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



#### Analytical Results For:

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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

#### Sample ID: FS 01 2' (H250275-01)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	263	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	50.6	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	69.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.8	% 49.1-14	0						

#### Cardinal Laboratories

#### \*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

#### Sample ID: FS 02 0.5' (H250275-02)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/17/2025	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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	234	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	27.5	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	72.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 03 0.5' (H250275-03)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/17/2025	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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	159	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	12.1	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 49.1-14	0						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 04 0.5' (H250275-04)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/17/2025	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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	66.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.8	% 49.1-14	0						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 05 1' (H250275-05)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	1780	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	389	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 06 1' (H250275-06)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	378	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	104	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 07 1' (H250275-07)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/17/2025	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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	255	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	34.1	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 08 1' (H250275-08)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 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	144	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	171	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	20.2	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 09 0.5' (H250275-09)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	16.5	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 10 1.5' (H250275-10)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	2150	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	453	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 11 1' (H250275-11)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	131	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	37.6	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	71.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 12 0.5' (H250275-12)

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	01/18/2025	ND	2.05	102	2.00	4.42	
Toluene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	2.55	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.48	124	2.00	3.85	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.44	124	6.00	3.77	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	29.8	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.0	% 49.1-14	8						

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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 13 0.5' (H250275-13)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	QM-07
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	24.1	10.0	01/17/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	70.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 14 0.5' (H250275-14)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/18/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	11.4	10.0	01/18/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 15 1' (H250275-15)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/18/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	216	10.0	01/18/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	40.5	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 16 0.5' (H250275-16)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/18/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	35.0	10.0	01/18/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 17 1' (H250275-17)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	24.2	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 18 0.5' (H250275-18)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	24.1	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 19 0.5' (H250275-19)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	16.2	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	68.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 20 0.5' (H250275-20)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	18.0	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	69.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 21 0.5' (H250275-21)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 22 1' (H250275-22)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	14.9	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 23 1' (H250275-23)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	14.9	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 24 1' (H250275-24)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	523	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	97.6	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 25 0.5' (H250275-25)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	151	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	35.5	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: FS 26 1' (H250275-26)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	195	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	44.9	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: SW 01 0-0.5' (H250275-27)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	7.14	
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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	197	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	32.3	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	62.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.6	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: SW 02 0-0.5' (H250275-28)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/21/2025	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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	35.0	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: SW 03 0-1' (H250275-29)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/21/2025	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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: SW 04 0-0.5' (H250275-30)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/21/2025	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	01/17/2025	ND	210	105	200	2.79	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: SW 05 0-1' (H250275-31)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/21/2025	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	01/18/2025	ND	210	105	200	2.79	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	70.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO.		

### Sample ID: SW 06 0-0.5' (H250275-32)

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	01/18/2025	ND	2.08	104	2.00	4.38	
Toluene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	2.91	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	117	2.00	0.744	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.20	120	6.00	1.46	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/21/2025	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	01/18/2025	ND	210	105	200	2.79	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	208	104	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|--|

	#113# -0.5°C-	Correction Factor	4		ů	Corrected Temp.	PT - UPS - Bus - Other:	Sampler - UPS -
rd Bacteria (only) Sample Condition	nd Time: Standard Rush	Turna	tion CHECKED BY:	Sample Condition	160.4	Observed Temp.		Delivered By: (Circle One)
	WTA	C 3 da				Time:		2
	(S:	REMARKS:			Rece	Date:		Relinquished By:
	klowery@ensolum.com	klowen		Damo		1 S6 C	1.	120
provide Email address:	emailed. Ple	All Resul			125	14/14		/
o Add'I Phone #:	esult: Yes No	above stated reasons or otherwise.	is based upon any of the	of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above Date: Received By:	Ider by Cardinal, reg	bate:	ors arising out of or related to the performan	affiliates or successors arising Relinguished By:
	aries,	ithin 30 days after completion of fits incurred by client, its subsidi	loss of use, or loss of pro	itation, business interruptions,	including without lim	r cause whatsoever sequental damages, i	anaryses. All carms including trose for negligence and any other cause whatsoever shall be deemed wawed unless made in writing and received by Cardinal writin 24 days are compresson or the application of	service. In no event shall C
	or the	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 the client for the	t or tort, shall be limited to	sing whether based in contrac	edy for any claim ari	lient's exclusive reme	d Damages. Cardinal's liability and o	PLEASE NOTE: Liability and Damages.
	XXX	K101 P	×	×	_	-1	FSID	6
	XXX	2101	×	X	· ·	0. ~	FS09	9
	XXX	1010	×	×	CI		FSOB	8
	XXX	3001	×	×	C 1	-	FS07	7
	XXX	1006	X	X	C 1	_	FSOLO	6
	XXX	1004	×	X	C 1	-	FSOT	S
	XXX	1002	×	X	C .	0.5	FSOM	2
	XXX	2001	×	×	CI	0.5	P303	u
	XXX	0158	×	X	CI	6.5	F502	ىو
	XXX	1/14/25 0956	×	×	CI	2	FSO	-
	BTE TPH Chla	DATE TIME	OTHER : ACID/BASE: ICE / COOL OTHER :	GROUNDWA WASTEWATE SOIL OIL SLUDGE	(G)RAB OR ( # CONTAINE	Sample Depth (feet)	Sample I.D.	Lab I.D.
			5	TER	C)OMP.			FOR LNB USE ONLY
	30	SAMDI INC	Fax #:	MATDIX			Tabitha Guadian	Sampler Name:
	M	575-390-2828	#				n: Eddy County	Project Location:
	B /[	Zip:	State:			LACT 3	Precious NC 31 CTB LACT 3	Project Name:
			City:	Ŷ	wner: Oxy	Project Owner:	03B1417234	Project #: 03
			Address:			Fax #:	214-733-3165	Phone #: 214-
		Wade Dittrich	Attn: Wade	79701	TX Zip:	State:		City: Midland
		Oxy USA, Inc.	Company: (			400	601 N. Marienfeld St. STE	Address: 601
			P.O. #:				r: Kelly Lowery	Project Manager:
ANALYSIS REQUEST		BILL TO	BI				Ensolum, LLC	Company Name:
L 12					93-2476	FAX (575) 393-2476	(575) 393-2326 FAX (575) 393-2476	
Mu					000010		101 East Marland	

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Lat	aboratories	Ories													10	CHAIN-OF-	Ŗ	CUSTODY AND AN	Î	DY	Þ	N	A	Z
101 E	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	bbs, NM 8824 ( (575) 393-247	6																				1	
Company Name: Er	Ensolum, LLC													81	BILL TO						A	P	ANALYSIS	1ö
Project Manager: Ke	Kelly Lowery									7	P.O.	#												
Address: 601 N. Mai	601 N. Marienfeld St. STE 400	0							~	0	òn	sdu	Company:		Oxy USA, Inc.	ç								_
City: Midland		State: TX	Zip:	-	79701	2				Þ	Attn:		N	de	Wade Dittrich									
Phone #: 214-733-3165		Fax #:								Þ	dd	Address:	ŝ					)	)					
Project #: 03B1417234	34	Project Owner:	0	Oxy						0	City:						3	/ī	α					
Project Name: Precio	Precious NC 31 CTB LACT 3	ICT 3								(0	State:	e			Zip:		F	M	15					
Project Location: Ec	Eddy County									-	ho	Phone #:	#	U	575-390-2828	00	2	5	1					_
Sampler Name: Tabit	Tabitha Guadian									-	Fax #:	#					80		>					_
			P.				MA	MATRIX	×	- 1		R	PRESERV	RV.	SAMPLING	LING		80	de					_
01	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE		OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH 8	Chloric					
11 15		-	0	-			×	1	-	-	_		X		VIEIN	1030	X	<×	X		-			
10 FS	512	ر م	0	-			×		+	-	-		×			032	X	X	X		-			
	FS13	5.0	0	-			~		+	-	_		5			103Y		X	X		-			
	TSIN	10.5	1				<>	-	+	-	_		5 >			1036	XX	17	$\langle \rangle$					
	FSID	D.C.	0				×		-	-	_		$\sim$			1040	$\times$	X	X					
	SIN		0	-			~			_			~			1012	×	λ	X					
81	815	0.7	~	-			X			_			2			1044	×	X	X					
19 19	615-	0. r	0	-			X	-					×			1046	X	x	X					
90	975-	5.5	0	-			×	-	-	-	_		×		R	8001	K	X	×					

### Received by OCD: 4/16/2025 8:28:41 AM

TORM-005 K 3.2 10/07/21 † Cardinal c:	Sampler - UPS - Bus - Other: Corrected Temp. C 25	Delivered By: (Circle One)	Time:	Relinduished By: Date:	Time:	Relinquished By:	service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiantes affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	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 the client for the 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 30 days after completion of the applicable
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	25 Thes Ares	Sample ConditionCHECKED BY:CoolIntact(Initials)		Received By:	n Da LAD	Received By:	y without limitation, business interruptions, loss of use, or loss of profits incurred by cardinal, regardless of whether such claim is based upon any of the above stated n	ny claim arising whether based in contract or tort, shall be limited to the amount pa deemed waived unless made in writing and received by Cardinal within 30 days aft
nges to celey.keene@cardinallabsnm.com	Thermometer ID #H3-#HUV	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Infact Observed Temp. °C	TAT	REMARKS:	klowery@ensolum.com	Verbal Result:		d by the client for the r completion of the applicable

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5

REQUEST

### aboratories ARDINAL

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Company Name: Phone #: City: Relinquished By: Sampler Name: Project Location: Project Name: Project #: Address: Relinquished By: service. In no event shall Cardinal be liable for incidental or 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 30 days after completion of the applicable PLEASE NOTE: Liability and Da Sampler - UPS - Bus - Other: Delivered By: (Circle One) ASON FOR LAB USE ONLY Lab I.D. RA 2000 26 28 2 30 R Midland w õ 214-733-3165 601 N. Marienfeld St. STE 03B1417234 Precious NC 31 CTB LACT 3 101 East Marland, Hobbs, NM 88240 Tabitha Guadian (575) 393-2326 FAX (575) 393-2476 Kelly Lowery Sample I.D. Eddy County Ensolum, LLC 20MS W03 NON 523 S N 524 220 22 Cardinal's liability and client's exclusive remedy for any claim 26 Corrected Temp Observed Temp. 400 Project Owner: Fax #: Date: 16/2 Sample Depth Date: C 0.0 0-0.5 Ø State: Time: Time: 0.5 1000 10. ١ -(feet) 1 ¥ including without limitation, business inte ົດບາດ Zip: (G)RAB OR (C)OMP Received By: Received By: 5 0XV **# CONTAINERS** Buistur 79701 GROUNDWATER Cool Intact Sample Condition WASTEWATER MATRIX SOIL 1 1 er such claim is based upon any of the above OIL 6 tract of tort, sh SLUDGE loss of use, or loss of profits P.O. #: Phone #: State: City: OTHER Attn: Wade Dittrich Fax #: Company: Address: ACID/BASE PRESERV ICE / COOL CHECKED BY: < < BILL TO (Initials OTHER Oxy USA, 575-390-2828 Zip: 116/25 DATE SAMPLING red by client, its subsidiaries Inc id by the client Turnaround Time: All Results are emailed. Please provide Email address: 1050 1052 Thermometer ID #143 the lun REMARKS: 1058 1104 102 1054 /erbal Result: 1056 TIME 1100 801 klowery@ensolum.com 106 day for the 8021B -0.5°C Yes M 5 I Standard Rush 4500 ON D ANALYSIS Add'l Phone #: Π Cool Intact Bacteria (only) Sample Condition REQUEST Observed Temp. Corrected Temp. °C ĉ

Received by OCD: 4/16/2025 8:28:41 AM

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### 101 East Marland, Hobbs, NM 88240

	(575) 393-2326 FAX (575) 393-2476	X (575) 393-2476		
Company Name:	Ensolum, LLC		BILL TO	ANALYSIS REQUEST
Project Manager:			P.O. #:	
Address: 601 N	601 N. Marienfeld St. STE 400	00	Company: Oxy USA, Inc.	
City: Midland		State: TX Zip: 79701	Attn: Wade Dittrich	
e #:	214-733-3165	Fax #:	Address:	)
	03B1417234	Project Owner: Oxy	City:	
<sup>o</sup> roject Name:	Project Name: Precious NC 31 CTB LACT 3		State: Zip:	11
Project Location:	: Eddy County		Phone #: 575-390-2828	
Sampler Name:	Tabitha Guadian		Fax #:	
		MATRIX	PRESERV SAMPLING	>1
FOR LAB USE ONLY		RS TER ER		X Borid
Lab I.D.	Sample I.D.	(G)RAB OR (C # CONTAINER GROUNDWAT WASTEWATEI SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	BTEX
N	SINDS	×	_	* * *
32	SWOO	0-0.5' C   X	× VI6125 1172	
2	t	8111	C +	
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TEASE NOTE. I shill and	Damanee Cardinal's liability and clie	MIEASE NOTE- 1 is blink and Damages. Cardina's liability and client's exclusive remedy for any claim arisin whether based in contract or tort, shall be limited to the amount paid by the client for the	or tort, shall be limited to the amount paid by the client	for the
nalyses. All claims including ervice. In no event shall Car	those for negligence and any other c dinal be liable for incidental or consec	Expert for the training on beinages, current and any one centre experts that the deemed valued unless made in writing and received by Cardinal within 30 days after completion of the applicable makes. All cardins including those of negligence and any other cause writing shall be deemed valued unless made in writing and received by Cardinal within 30 days after completion of the applicable envice. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use of profise incurred by client. Its subbalances, anvice. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use of profise incurred by client. Its subbalances, and any other shall cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use of profise incurred by client. Its subbalances, and any other shall cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use of profise incurred by client. Its subbalances, and any other shall cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use of profise incident resonance or the above and any other shall be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use of the above anter resonance and any other shall be liable for incidental resonance or otherwise.	I received by Cardinal within 30 days after completion or oss of use, or loss of profits incurred by client, its subsion is booth upon any of the above stated reasons or other	of the applicable daries, owen
Relinquished By:	Relinquished By:	D struces interine by Cachad, regardless of writering science upon any output of the transition of the	All Results are	Verbal Result:  Yes No Add'I Phone #: All Results are emailed. Please provide Email address:
11/		Time: 1500 010 0110	klowery@	klowery@ensolum.com EMARKS:
	,		2	2 for Tax

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp. Corrected Temp. °C

-1-C2-1-Q Ś

Sample Condition Cool Intact Yes Yes No No No

CHECKED BY: (Initials) £

Turnaround Time:

Standard Rush

ΔC

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

N

3

Thermometer ID #113#146 Correction Factor 0.5°C-0 .(

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDIN

oratories



February 25, 2025

KELLY LOWERY ENSOLUM, LLC 705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PRECIOUS NC 31 CTB LACT 3

Enclosed are the results of analyses for samples received by the laboratory on 02/20/25 10:02.

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/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	02/20/2025	Sampling Date:	02/18/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO.		

# Sample ID: FS 05 2' (H251007-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/21/2025	ND	2.25	113	2.00	6.03	
Toluene*	<0.050	0.050	02/21/2025	ND	2.23	111	2.00	1.24	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.28	114	2.00	0.453	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.98	116	6.00	0.0800	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/20/2025	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	02/20/2025	ND	227	113	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/20/2025	ND	233	116	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/20/2025	Sampling Date:	02/18/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO.		

# Sample ID: FS 10 3' (H251007-02)

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	02/21/2025	ND	2.25	113	2.00	6.03	
Toluene*	<0.050	0.050	02/21/2025	ND	2.23	111	2.00	1.24	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.28	114	2.00	0.453	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.98	116	6.00	0.0800	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	131 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/20/2025	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*	15.6	10.0	02/20/2025	ND	227	113	200	1.98	
DRO >C10-C28*	249	10.0	02/20/2025	ND	233	116	200	4.44	
EXT DRO >C28-C36	37.1	10.0	02/20/2025	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

## Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent'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, whother bits ubsidiaries, affiliates or successor 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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/20/2025	Sampling Date:	02/18/2025
Reported:	02/25/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO.		

## Sample ID: SW 01 0-0.5' (H251007-03)

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	02/21/2025	ND	2.25	113	2.00	6.03	
Toluene*	<0.050	0.050	02/21/2025	ND	2.23	111	2.00	1.24	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.28	114	2.00	0.453	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.98	116	6.00	0.0800	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/20/2025	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	02/20/2025	ND	227	113	200	1.98	
DRO >C10-C28*	463	10.0	02/20/2025	ND	233	116	200	4.44	
EXT DRO >C28-C36	124	10.0	02/20/2025	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.0	% 49.1-14	8						

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\*=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 sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **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. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By:	PLEASE NOTE: Liability and All claims including those fo In no event shall Cardinal b			c	ve	>-	nnicky	Lab I.D.	Sampler Name: Kaoru Shimada	Project Location:	Project Name: Pro	Project #: 03B1417234	Phone #: 214-733-3165	City: Midland	601 N	Project Manager: Kelly Lowery	Company Name: Ensolum, LLC		
aus - Other:	and and a	amages. Cardina's liability and client's eclusiv registence and any other cause what over liable for incidential or consequential damage			OWOI	FS10	FSUS	TCDS	Sample I.D.	aoru Shimada	Project Location: 32.264346, -103.822915	Project Name: Precious NC 31 CTB LACT 3	7234	-3165	State: TX Zip:	601 N. Marienfeld St. STE 400	Kelly Lowery	Ensolum, LLC	101 East Marla (575) 393-232	<u>xborate</u>
Corrected Temp. °C 1.72 Corrected Temp. °C 1.72	Date: Time: Date: Time:	PLEASE NOTE: Liability and Dimpto. Custom's liability and clearch exclusion immoby for any clear analog whether based in contract or bit, shall be immed to the avourd and by the cleart for the applicable service All calaries including these for negligence and any other cause introducions introduce interess made in miting and received by Cardinal within 30 days after completion of the applicable service In no event shall Cardinal be liable for incidential or consequences (available) excluding within the liable for incidential or consequences (available) including without intrations interruption, less of use for less of profile including the liable for incidential or consequences (available). The applicable service is not an available and the applicable service in the applicable service and the available.				-0.5	2 C 1	C (	Sample Depth (feet) G)RAB OR (C)OMP.			3	Project Owner	Email: klowery@ensolum.com	p: 79701				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Tios
- +	Received By:	ontract or tort, shall be limited to the amount pair on and received by Cardinal within 30 days a prions, loss of use, or loss of profits incurred ther such claim is based upon any of the abo	f			X	X	X	OROUNDWATER NASTEWATER SOIL SILUDGE OTHER :	MATRIX	Ph	State:	City:		Attr	Cor	P.O. #:			
						2/18/25		X 2/18/25	p	PRESERV. SAMPLING	Phone #:	Ite: 21p.		Address:	Attn: Wade Dittrich	Company: UXY USA, Inc.	). #:	BILL TO	が、市内 市内 市内 市内 市内 市内 市内 市内 市内 市内	
Rush Cool Intact of Thermometer ID ####= ## Correction Factor #### #	All Results are emailed. Please pr klowery@ensolum.com REMARKS: Paykey/AFE/NonAFE: BEMARKS: Paykey/AFE/NonAFE:								BTEX 8021 B TPH 8015 M	G								-		CHAIN-OF-CU
Di3:	ElinonAFE:					X	X	X	Chloride 4500									ANALYSIS K		STODY AND A
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				R																JEST

Received by OCD: 4/16/2025 8:28:41 AM

Page 6 of 6



March 03, 2025

KELLY LOWERY ENSOLUM, LLC 705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PRECIOUS NC 31 CTB LACT 3

Enclosed are the results of analyses for samples received by the laboratory on 02/28/25 12:11.

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\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Whe Singh

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



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

Received:	02/28/2025	Sampling Date:	02/28/2025
Reported:	03/03/2025	Sampling Type:	Soil
Project Name:	PRECIOUS NC 31 CTB LACT 3	Sampling Condition:	Cool & Intact
Project Number:	03B1417234	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO.		

# Sample ID: SW 01 0-0.5 (H251223-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/01/2025	ND	1.80	89.9	2.00	3.31	
Toluene*	<0.050	0.050	03/01/2025	ND	1.92	96.0	2.00	2.50	
Ethylbenzene*	<0.050	0.050	03/01/2025	ND	1.89	94.7	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/01/2025	ND	5.55	92.5	6.00	2.45	
Total BTEX	<0.300	0.300	03/01/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	214	107	200	5.09	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	200	99.8	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					
Surrogate: 1-Chlorooctane	95.2	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	89.0	% 63.9-15	5						

## Cardinal Laboratories

\*=Accredited Analyte

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Mite Sugar

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



# **Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

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Mite Sugar

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

# CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240 (676) 383 3736 EAX (675) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 4 of 4

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rovide Email address:	re emailed. Ple	AND MALES AN	Received By:	Date:	Affiales or successors arising out of or related to the period	Relin
Add'I Phone #:	or otherwise.	ss of use, or loss of profits incurred by client, it based upon any of the above stated reasons	analyses. All claims including those for negligence and any other cause whatsoever state do evente whatsour unever unever the state of	y other cause whatsoever st or consequental damages, in	<ol> <li>All claims including those for negligence and a In no event shall Cardinal be liable for incidental</li> </ol>	analyses. service. It
	e client for the pletion of the applicable	r tort, shall be limited to the amount paid by the received by Cardinal within 30 days after comp	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 the client for the	and client's exclusive remed	NOTE: Liability and Damages. Cardinal's liabilit	PLEASE
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	"]	Fax #:			Sampler Name: Noah Duker	Sample
		Phone #	9	Vew Mexico	Project Location: Eddy County, New Mexico	Project
		State: Zip:	S	CT 3	Project Name: Precious NC 31 LACT 3	Project
		City:		Project Owner:	:t #: 03B1417234	Project #:
		Address:	A	Fax #:	#: 214-733-3165	Phone #:
		Attn: Wade Dittrich	Zip: 79701	State: TX	Aidland	City: Midland
		Oxy USA, Inc.		Suite 400	Address: 601 N Marienfeld Street, Suite 400	Addres
		P.O. #			Project Manager: Kelly Lowery	Project
					Company Name: Ensolum, LLC	Compa
ANALYSIS REQUEST		BILL TO				

Received by OCD: 4/16/2025 8:28:41 AM



September 18, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

**RE: TWIN WELLS CALICHE PIT** 

Enclosed are the results of analyses for samples received by the laboratory on 09/09/24 15:16.

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\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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)

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

# Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Project: T oject Number: 0: oject Manager: K Fax To:		Reported: 18-Sep-24 09:06
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TWIN WELLS CALICHE PIT	H245437-01	Soil	09-Sep-24 14:00	09-Sep-24 15:16

09/18/24 - Client added BTEX and TPH to sample (see COC). This is the revised report and will replace the one sent on 09/12/24.

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: Project Number: Project Manager: Fax To:		Reported: 18-Sep-24 09:06
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# TWIN WELLS CALICHE PIT H245437-01 (Soil)

			11243	437-01 (50	)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4091017	CT	10-Sep-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4091601	ЛН	16-Sep-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4091601	ЛН	16-Sep-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4091601	JH	16-Sep-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4091601	ЛН	16-Sep-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4091601	ЛН	16-Sep-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID	))		99.1 %	71.5	-134	4091601	JH	16-Sep-24	8021B	
Petroleum Hydrocarbons by (	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4091609	MS	16-Sep-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4091609	MS	16-Sep-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4091609	MS	16-Sep-24	8015B	
Surrogate: 1-Chlorooctane			77.2 %	48.2	-134	4091609	MS	16-Sep-24	8015B	
Surrogate: 1-Chlorooctadecane			79.7 %	49.1	-148	4091609	MS	16-Sep-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



# **Inorganic Compounds - Quality Control**

Cardinal Laboratories										
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091017 - 1:4 DI Water										
Blank (4091017-BLK1)				Prepared &	Analyzed:	10-Sep-24				
Chloride	ND	16.0	mg/kg							
LCS (4091017-BS1)				Prepared &	Analyzed:	10-Sep-24				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (4091017-BSD1)				Prepared &	Analyzed:	10-Sep-24				
Chloride	400	16.0	mg/kg	400		100	80-120	0.00	20	

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: TWIN WELLS CALICHE PIT Project Number: 03B1417156 Project Manager: KELLY LOWERY Fax To:	Reported: 18-Sep-24 09:06
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# Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal	Laboratories
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4091601 - Volatiles										
Blank (4091601-BLK1)				Prepared &	z Analyzed:	16-Sep-24				
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.0	71.5-134			
LCS (4091601-BS1)				Prepared &	Analyzed:	16-Sep-24				
Benzene	2.16	0.050	mg/kg	2.00		108	82.8-130			
Toluene	2.12	0.050	mg/kg	2.00		106	86-128			
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	85.9-128			
m,p-Xylene	4.29	0.100	mg/kg	4.00		107	89-129			
o-Xylene	2.11	0.050	mg/kg	2.00		105	86.1-125			
Total Xylenes	6.40	0.150	mg/kg	6.00		107	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.5	71.5-134			
LCS Dup (4091601-BSD1)				Prepared &	Analyzed:	16-Sep-24				
Benzene	2.10	0.050	mg/kg	2.00		105	82.8-130	2.64	15.8	
Toluene	2.06	0.050	mg/kg	2.00		103	86-128	3.12	15.9	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	85.9-128	3.13	16	
m,p-Xylene	4.15	0.100	mg/kg	4.00		104	89-129	3.21	16.2	
o-Xylene	2.04	0.050	mg/kg	2.00		102	86.1-125	3.27	16.7	
Total Xylenes	6.19	0.150	mg/kg	6.00		103	88.2-128	3.23	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0494		mg/kg	0.0500		98.8	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: TWIN WELLS CALICH Project Number: 03B1417156 Project Manager: KELLY LOWERY Fax To:	E PIT Reported: 18-Sep-24 09:06
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# Petroleum Hydrocarbons by GC FID - Quality Control

# **Cardinal Laboratories**

Ampleto	Decult	Reporting Limit	Unita	Spike	Source	0/DEC	%REC Limits	רותת	RPD Limit	Noter
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4091609 - General Prep - Organics										
Blank (4091609-BLK1)				Prepared &	Analyzed:	16-Sep-24	ļ			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.5		mg/kg	50.0		87.0	48.2-134			
Surrogate: 1-Chlorooctadecane	46.0		mg/kg	50.0		92.1	49.1-148			
LCS (4091609-BS1)				Prepared &	Analyzed:	16-Sep-24	Ļ			
GRO C6-C10	199	10.0	mg/kg	200		99.5	66.4-123			
DRO >C10-C28	190	10.0	mg/kg	200		95.1	66.5-118			
Total TPH C6-C28	389	10.0	mg/kg	400		97.3	77.6-123			
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.2	48.2-134			
Surrogate: 1-Chlorooctadecane	49.2		mg/kg	50.0		98.4	49.1-148			
LCS Dup (4091609-BSD1)				Prepared &	Analyzed:	16-Sep-24	Ļ			
GRO C6-C10	174	10.0	mg/kg	200		86.8	66.4-123	13.6	17.7	
DRO >C10-C28	160	10.0	mg/kg	200		79.9	66.5-118	17.3	21	
Total TPH C6-C28	333	10.0	mg/kg	400		83.4	77.6-123	15.4	18.5	
Surrogate: 1-Chlorooctane	38.2		mg/kg	50.0		76.5	48.2-134			
Surrogate: 1-Chlorooctadecane	41.4		mg/kg	50.0		82.9	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



# **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 $6^{\circ}\text{C}$

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

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TURM-000 R 3.2 10/07/21	Sampler - UPS - Bus - Other: C.	Delivered By: (Circle One) 0	Relinquished By:	1/1/	Relinquished By:	service. In no event shall Cardinal be liable for incidental or cons affiliates or successors arising out of or related to the performance	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclus analyses. All claims including those for negligence and any other cause wha				Contract of the	1 Twinnells	1/246431		I ah I D Sample I.D.	FOR LAB USE ONLY	a: Tabitha G		Project Name: Twin Wells	Project #: 03B1417156	Phone # 214-733-3145	City: Midland	Address: 601 N. Marienfeld St. STE 400	Project Manager: Kelly Lou	Company Name: Ensolum, LLC	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Laboratories
+ Cardinal cannot accept verbal cl		_	Time:	Time:5/10 ODOLLO	grad 24 Received by.	e quental damager, noruong worvou innanovo, voornoruong man sed upon any of the above stated reasons or otherwise. a of services hereunder by Cardinal, regardess of whether such claim is based upon any of the above stated reasons or otherwise.	twe remedy for any claim an tacever shall be deemed wa					- CI K	# C GR WA SO	ONTA OUNI STEV	DR (C)OI		unali an		calich Pit	Project Owner:	Fax #:	State: TX Zip: 79701	100 (	ver		lobbs, NM 88240 XX (575) 393-2476	tories
hanges. Please email changes t	Ð	CHECKED BY:		8	All Re	less of whether such claim is based upon any of the above stated reasons or of Verha	sing whether based in contract of root, smain op innex to use environin your or your more over the applicable wed unless made in writing and received by Cardinal within 30 days after completion of the applicable we'r hunterse hermonicone flore of use or lose of profile hourned by client, the subsidiarites.					00h1 k2/6/6 x		HER ID/BA	SE:		PRESERV SAMPLING	Phone #: 010-000-2020		City:	Address:	Attn: Wade Dittrich	Company: Oxy USA, Inc.	P.O. #:	BILL TO		CHA
eley.keene@cardinallabsnm.com	Vet Ves	dard	t. added any	REMARKS:	ase provide Email address:	vitierwise. al Result: 2 Yes 2 No Add'I Phone #:	van of the applicable baddantes.							CL TF B7	lor DH ZK	( (	- 1	5		)					ANALYSIS REQUEST		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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General Information Phone: (505) 629-6116

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

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

Page 90 of 97

QUESTIONS

Action 452592

QUESTIONS					
Operator:	OGRID:				
OXY USA INC	16696				
P.O. Box 4294	Action Number:				
Houston, TX 772104294	452592				
	Action Type:				
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)				

#### QUESTIONS

nAPP2429749799						
NAPP2429749799 PRECIOUS NC 31 CTB LACT 3 @ 0						
Oil Release						
Remediation Closure Report Received						

# Location of Release Source

Please answer all the questions in this group.						
Site Name	PRECIOUS NC 31 CTB LACT 3					
Date Release Discovered	10/19/2024					
Surface Owner	Federal					

## Incident Details

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

#### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.								
Crude Oil Released (bbls) Details	Cause: Human Error   Valve   Crude Oil   Released: 120 BBL   Recovered: 80 BBL   Lost: 40 BBL.							
Produced Water Released (bbls) Details	Not answered.							
Is the concentration of chloride in the produced water >10,000 mg/l	No							
Condensate Released (bbls) Details	Not answered.							
Natural Gas Vented (Mcf) Details	Not answered.							
Natural Gas Flared (Mcf) Details	Not answered.							
Other Released Details	Not answered.							
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.							

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

QUESTIONS, Page 2

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Action 452592

QUESTIONS (continued)						
Operator:	OGRID:					
OXY USA INC	16696					
P.O. Box 4294	Action Number:					
Houston, TX 772104294	452592					
	Action Type:					
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)					

QUESTIONS

....

No, according to supplied volumes this does not appear to be a "gas only" report.						
Yes						
From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.						
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.						

Initial Response								
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.								
The source of the release has been stopped	True							
The impacted area has been secured to protect human health and the environment	True							
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True							
All free liquids and recoverable materials have been removed and managed appropriately	True							
	Not answered. Iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative c							
Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.							
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.								
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 04/16/2025							

General Information Phone: (505) 629-6116

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

**QUESTIONS** (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	452592
	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	Attached Document	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1000 (ft.) and ½ (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

#### Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	160	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2603	
GRO+DRO (EPA SW-846 Method 8015M)	2150	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
On what estimated date will the remediation commence	01/16/2025	
On what date will (or did) the final sampling or liner inspection occur	02/28/2025	
On what date will (or was) the remediation complete(d)	02/28/2025	
What is the estimated surface area (in square feet) that will be reclaimed	10475	
What is the estimated volume (in cubic yards) that will be reclaimed	348	
What is the estimated surface area (in square feet) that will be remediated	10475	
What is the estimated volume (in cubic yards) that will be remediated	348	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

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

Released to Imaging: 5/14/2025 1:27:52 PM

# QUESTIONS, Page 3

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Action 452592

General Information Phone: (505) 629-6116

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

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QUESTIONS, Page 4

Action 452592

QUESTIONS (continued)		
Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696 Action Number: 452592 Action Type: [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 This remediation will (or is expected to) utilize the following processes to remediate		
(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 ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 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.

I hereby agree and sign off to the above statement I hereby agree and sign off to the above statement Email: wade_dittrich@oxy.com Date: 04/16/2025
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

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

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

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QUESTIONS (continued)		
Operator: OGRID:		
OXY USA INC	16696	
P.O. Box 4294	Action Number:	
Houston, TX 772104294	452592	
	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 submission	Νο	

General Information Phone: (505) 629-6116

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

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

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QUESTIONS (continued)		
Operator:	OGRID:	
OXY USA INC	16696	
P.O. Box 4294	Action Number:	
Houston, TX 772104294	452592	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	435411
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/28/2025
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

# **Remediation Closure Request**

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	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	10475	
What was the total volume (cubic yards) remediated	348	
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	10475	
What was the total volume (in cubic yards) reclaimed	348	
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 berefy certify that the information given above is true and complete to the best of my b	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 CCD 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.		

I hereby agree and sign off to the above statement	Name: Wade Dittrich
	Title: Environmental Coordinator
	Email: wade_dittrich@oxy.com
	Date: 04/16/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 452592

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QUESTIONS (continued)	
Operator: OXY USA INC	OGRID: 16696
P.O. Box 4294 Houston, TX 772104294	Action Number: 452592
	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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	452592
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

# CONDITIONS Created By Condition Condition Date scwells Remediation closure approved. For future releases at this site, under the Site Characterization portion of the C-141 application ensure to update the minimum distances to the following: any playa lake (1-5 miles S) and a 100-year floodplain (1-5 miles S). Solution Solution

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