

January 3, 2025

New Mexico Oil Conservation Division

New Mexico Energy, Minerals, and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request

Sterling Silver 33-3 CTB

Incident Number nAPP2301141577

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Oxy USA Inc. (Oxy), has prepared this *Closure Request* to document assessment, delineation, and soil sampling activities performed at the Sterling Silver 33-3 CTB (Site). The purpose of the Site assessment, delineation, and soil sampling activities was to assess for the presence or absence of impacts to soil resulting from a produced water release at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, Oxy is submitting this *Closure Request*, describing Site assessment and delineation activities that have occurred and requesting closure for Incident Number nAPP2301141577.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit F, Section 33, Township 23 South, Range 31 East, in Eddy County, New Mexico (32.262695°, -103.791139°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On December 7, 2022, there was an equipment failure on a flowline that resulted in 125 barrels (bbls) of produced water to be released; 120 bbls were recovered. Oxy reported the release to the New Mexico Oil Conservation Division (NMOCD) via email on December 7, 2022, and subsequently submitted a Initial C-141 Report (C-141) on January 17, 2023. The release was assigned Incident Number nAPP2301141577.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization are summarized below and detailed in the NMOCD permitting portal C-141 Site Characterization section. Potential Site receptors are identified on Figure 4.

Depth to groundwater at the Site is reasonably estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 321648103482101, located approximately 1.5 miles northwest of the Site. The groundwater well was drilled during March 1959 to a total depth of 220 feet below ground surface (bgs). And on September 20, 1972 the well was gauged

Oxy USA Inc. Closure Request Sterling Silver 33-3 CTB



again with a water level of 139 feet bgs. All wells used for depth to groundwater determination are presented on Figure 1. The associated well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a stream bed, located approximately 5,400 feet west of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg

Total TPH: 2,500 mg/kgChloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of soil in the pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be immediately reclaimed following remediation.

SITE ASSESSMENT ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On July 3, 2024, Ensolum personnel conducted Site assessment activities to evaluate the release extent based on information provided on the Form C-141 and visual observations. Three potholes (PH01 through PH03) were advanced via hand auger to a depth of 4-feet bgs and discrete soil samples were collected from each pothole location at varying depths ranging from 0.5 feet bgs to 4 feet bgs, in order to assess for the presence or absence of impacted soil resulting from the produced water release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 3. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH- GRO, TPH- DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method SM4500.

Laboratory analytical results for assessment samples PH01 through PH03, collected around the release area, were compliant with the most stringent Table I Closure Criteria and thus successfully defined the vertical extent of the release. Confirmation soil sampling and lateral delineation activities were warranted to further confirm the absence of impacted soil within the release area.

Oxy USA Inc. Closure Request Sterling Silver 33-3 CTB



DELINEATION ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

Between August 1 and 29, 2024, Ensolum personnel returned to the Site to complete lateral delineation activities to confirm the absence of impacted soil within the release area. A total of four delineation grab soil samples (SS01 through SS04) were collected at a depth of 0.5 feet bgs, and four confirmation composite soil samples (CS01 through CS04) were collected at a depth of 0.25 feet bgs. Soil samples were field screened for VOCs and chloride, and samples were collected based on the field screening results. The delineation and confirmation soil samples were collected, handled, and analyzed following the same procedures previously described. The delineation and confirmation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included in Appendix B.

Laboratory analytical results for delineation soil samples (SS01 through SS04) and confirmation soil samples (CS01 through CS04) indicated all COC concentrations were compliant with the reclamation requirements and provided lateral delineation to below the most stringent Table I Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete analytical reports are included as Appendix C.

CLOSURE REQUEST

Soil sampling activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the December 7, 2022, produced water release. Laboratory analytical results for all pothole, confirmation and delineation soil samples collected from the release area indicated that all COC concentrations were compliant with the Site Closure Criteria and provided lateral and vertical delineation to the most stringent Table I Closure Criteria. Based on the laboratory analytical results, no impacted soil was identified, and no further remediation is required.

All released fluids were documented to have been recovered immediately following the release, with the exception of 5 bbls of produced water. Depth to groundwater was reasonably determined to be greater than 100 feet bgs within 1.5 miles of the Site and no other sensitive receptors were identified near the release extent. Oxy believes the remedial actions completed are protective of human health, the environment, and groundwater. As such, Oxy respectfully requests closure for Incident Number nAPP2301141577.

If you have any questions or comments, please contact Mr. Beaux Jennings at <u>Bjennings@ensolum.com</u> or (210) 219-8858.

Sincerely, **Ensolum, LLC**

Samantha MacKenzie Staff Geologist

) amarka Malkanie

Tacoma Morrissey Senior Geologist

Mouissey

cc: Wade Dittrich, Oxy USA Inc. Tyson Pierce, Oxy USA Inc.

Bureau of Land Management Office

Oxy USA Inc. Closure Request Sterling Silver 33-3 CTB



Appendices:

Figure 1 Topographic Map Figure 2 Site Vicinity Map

Figure 3 Site Map

Figure 4 Closure Criteria Map

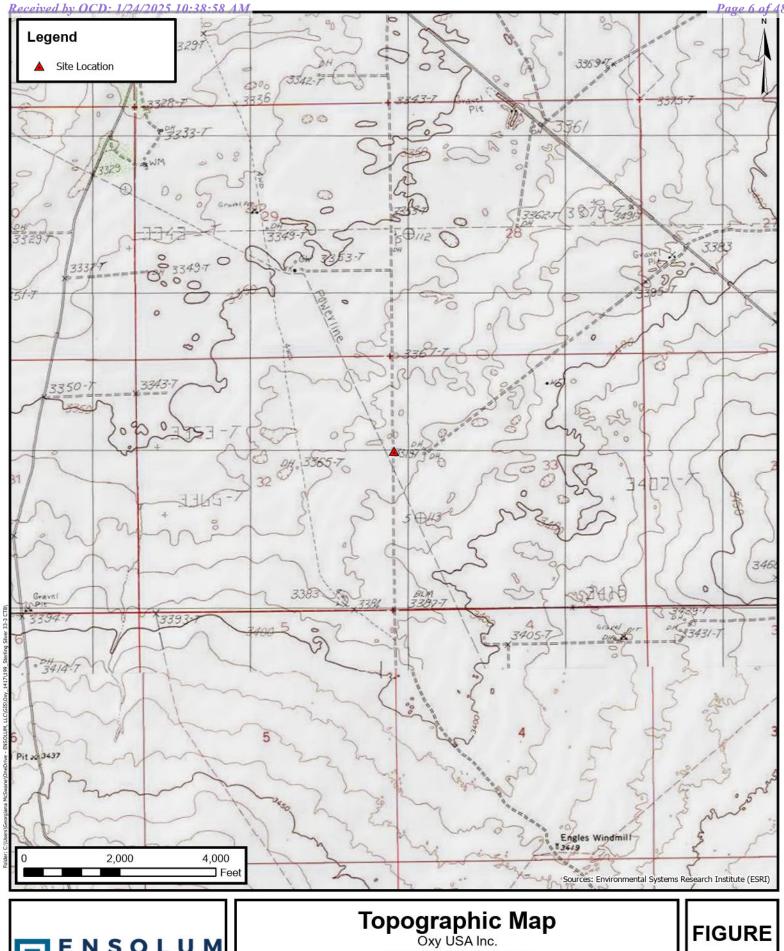
Table 1 Soil Sample Analytical Results Appendix A Referenced Well Records

Appendix B Photographic Log

Appendix C Laboratory Analytical Reports & Chain-of-Custody Documentation



FIGURES

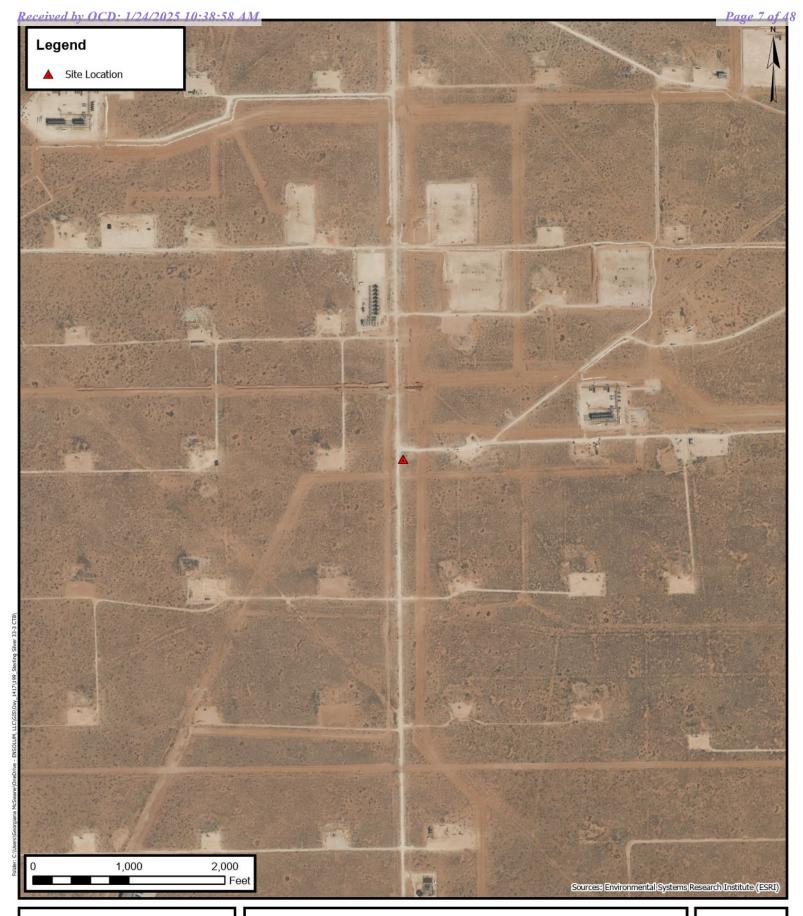




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Sterling Silver 33-3 CTB 32.262695° N, 103.791139° W Eddy County, New Mexico

PROJECT NUMBER: 03B1417199





Site Vicinity Map
Oxy USA Inc.
Sterling Silver 33-3 CTB
32.262695° N, 103.791139° W
Eddy County, New Mexico

PROJECT NUMBER: 03B1417199

FIGURE 2



20

40 ☐ Feet

Site Map Oxy USA Inc.

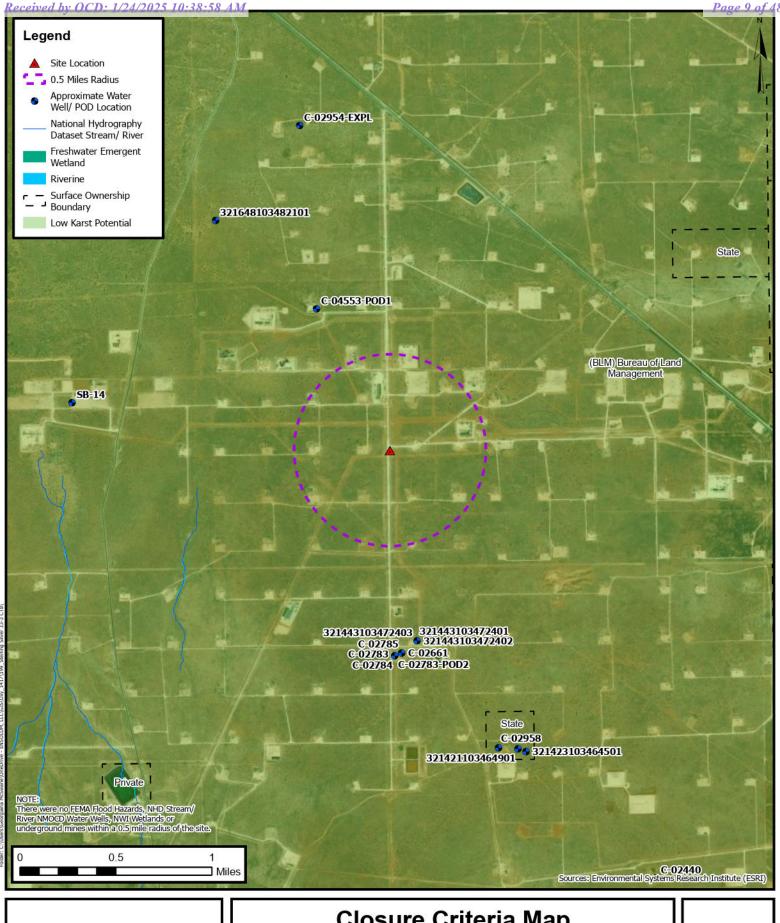
Oxy USA Inc. Sterling Silver 33-3 CTB 32.262695° N, 103.791139° W Eddy County, New Mexico

PROJECT NUMBER: 03B1417199

FIGURE 3

Sources: Environmental Systems Research Institute (ESRI)

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Closure Criteria Map

Oxy USA Inc. Sterling Silver 33-3 CTB 32.262695° N, 103.791139° W Eddy County, New Mexico

PROJECT NUMBER: 03B1417199

FIGURE 4



TABLES

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TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Sterling Silver 33-3 CTB
Oxy USA, Inc.
Eddy County, New Mexico
Project No. 03B1417199

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toulene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO C ₆ -C ₁₀ (mg/kg)	TPH DRO >C ₁₀ -C ₂₈ (mg/kg)	TPH ORO >C ₂₈ -C ₃₆ (mg/kg)	TPH GRO+DRO C6-C ₂₈ (mg/kg)	TPH Total C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
New Mexico Oil Confor So	onservation Division oils Impacted by a R		10	NE	NE	NE	50	NE	NE	NE	1,000	2,500	20,000
					Po	thole Soil Sample	e Analytical Resu	ilts					
	07/03/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208*
PH01	07/03/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0*
	07/03/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	536
PH02	07/03/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0*
F1102	07/03/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
PH03	07/03/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0*
F1103	07/03/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
					Confi	irmation Soil Sam	ple Analytical Re	esults					
CS01	08/29/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS02	08/29/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS03	08/29/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS04	08/29/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
					Deli	neation Soil Samp	ole Analytical Re	sults					
SS01	08/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS02	08/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS03	08/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS04	08/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

Concentrations in **bold** and yellow exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* indicates sample was collected in area to be reclaimed after remediation is complete; reclamation standard in the top 4 feet is 600 mg/kg for chloride and 100 mg/kg for TPH.

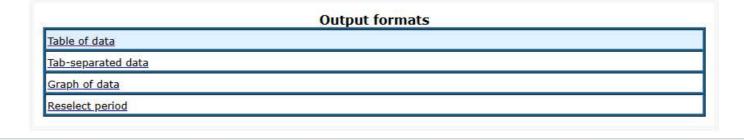


APPENDIX A

Referenced Well Records

JSQ&e3-2d16-4640B248224Q4:3238434E.29.11333

Eddy County, New Mexico _atitude 32°16'48", Longitude 103°48'21" NAD27 and-surface elevation 3,336 feet above NAVD88 The depth of the well is 220 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Dewey Lake Redbeds (312DYLK) local aquifer.



Date \$	Time \$	Water-level \$ date-time accuracy	Parameter \$ code	Water level, feet below land surface	level, feet above \$ specific vertical datum	Referenced vertical \$ datum	Status \$	Method of \$\pi\ measurement	Measuring \$ agency	Source of measurement	Water-level approval status	
1959-03-26		D	62610		3195.91	NGVD29	1	Z			А	4
1959-03-26		D	62611		3197.57	NAVD88	1	Z			А	
1959-03-26		D	72019	138,43			1	Z			А	
1972-09-20		D	62610		3194.44	NGVD29	P	Z			А	
1972-09-20		D	62611		3196.10	NAVD88	P	Z			Α	
1972-09-20		D	72019	139.90			Р	z			А	
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Water

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APPENDIX B

Photographic Log



Photographic Log

Oxy USA, Inc. Sterling Silver 33-3 CTB Project No. 03B1417199





Photograph: 1 Date: 6/24/2024

Description: Soil staining in release footprint

View: Southwest

Photograph: 2 Date: 7/2/2024

Description: Pothole Delineations

View: Southwest



Date:

7/2/2024



Date:

8/29/2024

Photograph: 3

Description: Pothole Delineations

View: Southeast

Photograph: 4

Description: Confirmation Soil Sampling

View: Southeast



APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation



July 10, 2024

HADLIE GREEN

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: STERLING SILVER 33-3 CTB

Enclosed are the results of analyses for samples received by the laboratory on 07/03/24 9:57.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/03/2024 Sampling Date: 07/03/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact
Project Number: 03B1417199 Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: PH 01 0.5 (H243999-01)

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	07/09/2024	ND	2.01	101	2.00	3.42	
Toluene*	<0.050	0.050	07/09/2024	ND	2.16	108	2.00	4.76	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.24	112	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.87	115	6.00	2.66	
Total BTEX	<0.300	0.300	07/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg		Analyze	d By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	207	104	200	3.09	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	197	98.7	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/03/2024 Sampling Date: 07/03/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact
Project Number: 03B1417199 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EDDY CO NM

ma/ka

Sample ID: PH 01 2 (H243999-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.01	101	2.00	3.42	
Toluene*	<0.050	0.050	07/09/2024	ND	2.16	108	2.00	4.76	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.24	112	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.87	115	6.00	2.66	
Total BTEX	<0.300	0.300	07/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	207	104	200	3.09	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	197	98.7	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kune



Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/03/2024 Sampling Date: 07/03/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: 03B1417199 Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: PH 01 4 (H243999-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.01	101	2.00	3.42	
Toluene*	<0.050	0.050	07/09/2024	ND	2.16	108	2.00	4.76	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.24	112	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.87	115	6.00	2.66	
Total BTEX	<0.300	0.300	07/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	6 71.5-13	4						
Chloride, SM4500Cl-B mg/kg		Analyze	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	536	16.0	07/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	207	104	200	3.09	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	197	98.7	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					
Surrogate: 1-Chlorooctane	114 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/03/2024 Sampling Date: 07/03/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact
Project Number: 03B1417199 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: EDDY CO NM

mg/kg

Sample ID: PH 02 0.5 (H243999-04)

BTEX 8021B

	9/	9	7	7: :							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	07/09/2024	ND	2.01	101	2.00	3.42			
Toluene*	<0.050	0.050	07/09/2024	ND	2.16	108	2.00	4.76			
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.24	112	2.00	3.58			
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.87	115	6.00	2.66			
Total BTEX	<0.300	0.300	07/09/2024	ND							
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					•		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	96.0	16.0	07/08/2024	ND	432	108	400	0.00			
TPH 8015M	mg,	/kg	Analyze	d By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	207	104	200	3.09			
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	197	98.7	200	4.01			
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND							
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4								
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8								

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/03/2024 Sampling Date: 07/03/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: 03B1417199 Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: PH 02 4 (H243999-05)

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	07/09/2024	ND	2.01	101	2.00	3.42	
Toluene*	<0.050	0.050	07/09/2024	ND	2.16	108	2.00	4.76	
Ethylbenzene*	< 0.050	0.050	07/09/2024	ND	2.24	112	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.87	115	6.00	2.66	
Total BTEX	<0.300	0.300	07/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	6 71.5-13	4						
Chloride, SM4500Cl-B mg/kg		Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	94.3	94.3	100	0.663	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.0	91.0	100	0.652	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	125 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	6 49.1-14	8						

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Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/03/2024 Sampling Date: 07/03/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact
Project Number: 03B1417199 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: EDDY CO NM

mg/kg

Sample ID: PH 03 0.5 (H243999-06)

BTEX 8021B

	9/	9	7	<u></u>						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.01	101	2.00	3.42		
Toluene*	<0.050	0.050	07/09/2024	ND	2.16	108	2.00	4.76		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.24	112	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.87	115	6.00	2.66		
Total BTEX	<0.300	0.300	07/09/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					•	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/08/2024	ND	432	108	400	0.00		
TPH 8015M	mg,	/kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	94.3	94.3	100	0.663		
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.0	91.0	100	0.652		
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND						
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8							

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Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/03/2024 Sampling Date: 07/03/2024

Reported: 07/10/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact
Project Number: 03B1417199 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EDDY CO NM

ma/ka

Sample ID: PH 03 4 (H243999-07)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.01	101	2.00	3.42	
Toluene*	<0.050	0.050	07/09/2024	ND	2.16	108	2.00	4.76	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.24	112	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.87	115	6.00	2.66	
Total BTEX	<0.300	0.300	07/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	94.3	94.3	100	0.663	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.0	91.0	100	0.652	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Sampler - UPS - Bus - Other:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(3/3) 333-636	101 (010) 000 = 110		
Company Name: Ensolum, LLC		BILL TO	ANALYSIS REQUEST
Project Manager: Hadle Gray	D)	P.O. #:	
	ite 400	0x4,054, tra	
City: Midland	State: TX Zip: 79701	Atta: WOCK Distorch	, Ch
Phone #: 432-557-8295	Fax #:	Address:	
Project #: 078/417/99	Project Owner:	City:	
Project Name: Stem 349 Silver	18 77-7 CTB	State: Zip:	
en:	WN YA	Phone #	000
		Fax #:	4.4
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(feet) Depth RAB OR (C)OMP ONTAINERS DUNDWATER STEWATER L	JDGE HER: D/BASE: / COOL, HER:	BTEX TPH Chlowde
May Parket	# CC	OTH ACIE OTH DATE	TIME X X X
040	2 C X	0 75/2/L X	78 × ×
1049	× 0	1 12/4) X	
70HQ 4	S. C X	ONC/EIL X	
20402	× .	30+26/2 1	8/5 × × ×
6049	0.5 C X	X KOKI) X	× × ×
7 (463	5		
Jan V	AZ/4/6 0311		
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Relinquished By:	Date: Received By: All Results	Ve	All Results are emailed Blease provide Email address:
Appen Berry	1000 SROCI	egene	hqueen (a) erroum com
Relinquished By:	Date: Received By:		REMARKS: JOYNDES 1. Q ONE COCKE 1055-06
		CHECKED BY:	MALS AND
Delivered By: (Circle One)	Observed Temp. 'S .U. Sample Condition	(Initials)	Turnaround Time: Standard LS Bacteria (only) Sample Condition Cool Infact Observed Temp. °C

Correction Factor-0.5°C

Cool Intact
☐ Yes ☐ Yes
☐ No ☐ No

Observed Temp. °C Corrected Temp. °C



August 07, 2024

HADLIE GREEN

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: STERLING SILVER 33-3 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/01/24 16:09.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/01/2024 Sampling Date: 08/01/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact
Project Number: 03B1417199 Sample Received By: Alyssa Parras

Project Location: OXY - EDDY CO NM

Sample ID: SS 01 0.5' (H244629-01)

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	08/05/2024	ND	1.94	96.8	2.00	5.34	
Toluene*	<0.050	0.050	08/05/2024	ND	1.90	94.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/05/2024	ND	1.92	95.9	2.00	3.63	
Total Xylenes*	<0.150	0.150	08/05/2024	ND	5.66	94.3	6.00	3.38	
Total BTEX	<0.300	0.300	08/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/06/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2024	ND	187	93.7	200	0.821	
DRO >C10-C28*	<10.0	10.0	08/05/2024	ND	186	93.1	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	08/05/2024	ND					
Surrogate: 1-Chlorooctane	68.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/01/2024 Sampling Date: 08/01/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact
Project Number: 03B1417199 Sample Received By: Alyssa Parras

Project Location: OXY - EDDY CO NM

Sample ID: SS 02 0.5' (H244629-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2024	ND	1.94	96.8	2.00	5.34	
Toluene*	<0.050	0.050	08/05/2024	ND	1.90	94.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/05/2024	ND	1.92	95.9	2.00	3.63	
Total Xylenes*	<0.150	0.150	08/05/2024	ND	5.66	94.3	6.00	3.38	
Total BTEX	<0.300	0.300	08/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/06/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2024	ND	187	93.7	200	0.821	
DRO >C10-C28*	<10.0	10.0	08/05/2024	ND	186	93.1	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	08/05/2024	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/01/2024 Sampling Date: 08/01/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact
Project Number: 03B1417199 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: OXY - EDDY CO NM

mg/kg

Sample ID: SS 03 0.5' (H244629-03)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2024	ND	1.94	96.8	2.00	5.34	
Toluene*	<0.050	0.050	08/05/2024	ND	1.90	94.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/05/2024	ND	1.92	95.9	2.00	3.63	
Total Xylenes*	<0.150	0.150	08/05/2024	ND	5.66	94.3	6.00	3.38	
Total BTEX	<0.300	0.300	08/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/06/2024	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2024	ND	187	93.7	200	0.821	
DRO >C10-C28*	<10.0	10.0	08/05/2024	ND	186	93.1	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	08/05/2024	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/01/2024 Sampling Date: 08/01/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact Project Number: 03B1417199 Sample Received By: Alyssa Parras

Project Location: OXY - EDDY CO NM

Sample ID: SS 04 0.5' (H244629-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2024	ND	1.94	96.8	2.00	5.34	
Toluene*	<0.050	0.050	08/05/2024	ND	1.90	94.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/05/2024	ND	1.92	95.9	2.00	3.63	
Total Xylenes*	<0.150	0.150	08/05/2024	ND	5.66	94.3	6.00	3.38	
Total BTEX	<0.300	0.300	08/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/06/2024	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2024	ND	185	92.6	200	3.55	
DRO >C10-C28*	<10.0	10.0	08/05/2024	ND	185	92.6	200	9.71	
EXT DRO >C28-C36	<10.0	10.0	08/05/2024	ND					
Surrogate: 1-Chlorooctane	59.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.2	% 49.1-14	8						

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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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



No No Corrected Temp. °C	0°C	Thermometer ID #140 Correction Factor 0°C	100	No O No	Corrected Temp. °C	Sampler - UPS - Bus - Other:
	ne: Standard Rush	Turnaround Time:	CHECKED BY: (Initials)	-	Observed Temp. °C	Delivered By: (Circle One)
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Verbal Result:	☐ Yes ☐ No	Verbal Result:	62 all any to a to a to was a ware any	Received By:	108 0	Relinquished 3y:/
	cable	er completion of the application, its subsidiaries,	wed by Cardinal within 30 days aft fuse, or loss of profits incurred by	use whatspewer shall be deemed waked unless made in writing and received by Cardinal within 30 days after completion of the aental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries	s and any other cause whatsoever shall be a idental or consequental damages, including	PLEASE IN LE. Listing insulatingly. Virginia 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 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 subsidiaries, 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 subsidiaries,
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		L		Fax#:		(
		7	Phone #:		Eddy County, Non	Project Location: Eddy
			te: Zip:	State:	Silvar 33-3 CTB	Project Name: Starting
	2		77	City:	Project Owner	Project #: 038 141 7199
			Address:	Adi	895 Fax#:	e #:
	,	Ditteich	Attn: Wade Ditt	Zip: 79701 Att	State: TX	2
	ž	A.In	Company: OXY USA. Inc	Col	minufeld St.	Address: 601 N. M.
, 1			*	P.O.	Cir	Project Manager: Hadlic
Althor in the second			BILL 10		Ensolum UC	Company Name:
ANALYSIS RECIJEST			24 1110	10	(5/5) 393-2326 FAX (3/3) 393-24/0	l_



September 04, 2024

SAMANTHA MACKENZIE

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: STERLING SILVER 33-3 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/29/24 13:59.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/29/2024 Sampling Date: 08/29/2024

Reported: 09/04/2024 Sampling Type: Soil

Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact
Project Number: 03B1417199 Sample Received By: Alyssa Parras

A I J D. ... 711

Project Location: OXY - EDDY CO NM

Sample ID: CS 01 0.25' (H245280-01)

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	08/31/2024	ND	2.11	106	2.00	1.40	
Toluene*	<0.050	0.050	08/31/2024	ND	2.21	110	2.00	2.03	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	2.42	121	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	7.01	117	6.00	0.420	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 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	<16.0	16.0	08/30/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	225	112	200	2.10	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	230	115	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	109 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/29/2024 Reported: 09/04/2024

Project Name: STERLING SILVER 33-3 CTB

Project Number: 03B1417199

Project Location: OXY - EDDY CO NM Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CS 02 0.25' (H245280-02)

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	08/31/2024	ND	2.11	106	2.00	1.40	
Toluene*	<0.050	0.050	08/31/2024	ND	2.21	110	2.00	2.03	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	2.42	121	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	7.01	117	6.00	0.420	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	225	112	200	2.10	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	230	115	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 9	% 49.1-14	8						

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Celey D. Keene



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

Sample Received By:

08/29/2024

Alyssa Parras

Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/29/2024 Sampling Date:

Reported: 09/04/2024 Sampling Type: Soil
Project Name: STERLING SILVER 33-3 CTB Sampling Condition: Cool & Intact

Project Number: 03B1417199

Project Location: OXY - EDDY CO NM

Sample ID: CS 03 0.25' (H245280-03)

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	08/31/2024	ND	2.11	106	2.00	1.40	
Toluene*	<0.050	0.050	08/31/2024	ND	2.21	110	2.00	2.03	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	2.42	121	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	7.01	117	6.00	0.420	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	225	112	200	2.10	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	230	115	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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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 SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 08/29/2024 Reported: 09/04/2024

STERLING SILVER 33-3 CTB

Project Name: Project Number: 03B1417199

Project Location: OXY - EDDY CO NM Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: CS 04 0.25' (H245280-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	2.11	106	2.00	1.40	
Toluene*	<0.050	0.050	08/31/2024	ND	2.21	110	2.00	2.03	
Ethylbenzene*	< 0.050	0.050	08/31/2024	ND	2.42	121	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	7.01	117	6.00	0.420	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	225	112	200	2.10	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	230	115	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	e: Ensolum, LLC			-	BILL TO			ANAI YSIS RE	RECHEST
Project Manager:	" Samantha	a Hackenzie	rie	P.O. #:					
Address: 601	601 N. Marienfeld St. STE 400			Company:	ny: Oxy USA, Inc.	nc.			
City: Midland		State: TX	Zip: 79701	Attn: V	6		_		
Phone #: 703	-357-3545	Fax #:		Address:	n		50		
Project #: 08	381417199	Project Owner:	••	City:			5		
Project Name: Ster	ling Sil	Ver 33-3	8 CTB	State:	Zip:)	4		
Project Location:	m: Eddy Tour	AFC		Phone #:	5	2	2		
Sampler Name:	Tabortha G	Tuadian		Fax #:			e.		
FOR LAB USE ONLY				MATRIX PRESERV	ERV. SAMPLING	9	90 d	_	_
			RS TER	9		X	Ori		
Lab I.D.	Sample I.D.	Sample Depth (feet)	G)RAB OR (CONTAINE C	SLUDGE OTHER: CID/BASE: CE/COOL	THER:	BTE	Chl		
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V	COCI	0.63	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	_		V X 6121	×		
	CS04	0.25	C X	X	R	X X 9/121	K		
nalyses. All claims. Including rivice. In no event shall Car ffiales or successors arising	analyses. All dains including those for negligence and any other cause whishoever shall be deemed waved unless made in contract or lot, shall be lanted to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequental damages, including whost limitation, business intemptions, loss of uses, of less of profits incurred by client, its subsidiaries, afficient 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.	cause whatsoever shall be dev quental damages, including wi of services hereunder by Card	med waived unless made in the waived unless made in thout limitation, business into that, regardiess of whether s	incoy no early cash areas gwinener based in contract or lot, shall be lanted to shall be detended welved unless made in writing and received by Cardinal with i, including without limitation, business interruptions, loss of use, or loss of pro mode: by Cardinal, regardless of whether such claim is based upon any of the	nited to the amount paid by sinal within 30 days after co s of profits incurred by clien y of the above stated reaso	id by the client for the or completion of the applicable dient, its subsidiaries, asons or otherwise.			
Kelinquished by:	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Times 59	Received By:	B		Verbal Result: All Results are emailed. Pla BJennings@ensolum.com	Pleas	Ema	N CA
Relináuished By:			Received By:		70	REMARKS:	1		40. 140108113 C
		Observed Temp. °C. O.		tion	CHECKED BY: To	Turnaround Time:	Standard	_ \	CO
Sampler - UPS - Bus - Other:		Corrected Temp. °C	6	0 %		Thermometer ID #143 & Correction Factor -0.5°C	0000	□ Yes □ Yes	Corrected Temp. *C

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

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 424524

QUESTIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	424524
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Prerequisites	
Incident ID (n#)	nAPP2301141577
Incident Name	NAPP2301141577 STERLING SILVER 33-3 CTB @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2126649853] STERLING SILVER 33-3 & 1H BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	STERLING SILVER 33-3 CTB
Date Release Discovered	12/07/2022
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 125 BBL Recovered: 120 BBL Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 424524

QUESTI	IONS (continued)
Operator: OXY USA INC P.O. Box 4294	OGRID: 16696 Action Number:
Houston, TX 772104294	424524 Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS Nature and Volume of Release (continued)	
Nature and volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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 s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 01/24/2025

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

QUESTIONS, Page 3

Action 424524

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	424524
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the	e 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 as	ssociated 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 millig	grams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	536	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0	
GRO+DRO (EPA SW-846 Method 8015M)	0	
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 efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	07/03/2024	
On what date will (or did) the final sampling or liner inspection occur	08/29/2024	
On what date will (or was) the remediation complete(d)	08/29/2024	
What is the estimated surface area (in square feet) that will be reclaimed	615	
What is the estimated volume (in cubic yards) that will be reclaimed	5.7	
What is the estimated surface area (in square feet) that will be remediated	615	
What is the estimated volume (in cubic yards) that will be remediated	5.7	
These estimated dates and measurements are recognized to be the best guess or calculation at the ti		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in acc significantly deviate from the remediation plan proposed, then it should consult with the division to design the design that the division to design the division to design the design that the division to design the division to design the design that the division that	ordance with the physical realities encountered during remediation. If the responsible party has any need to determine if another remediation plan submission is required.	

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

QUESTIONS, Page 4

Action 424524

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	424524
	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 appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	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)	Yes	
Other Non-listed Remedial Process. Please specify	Confirmation soil samples taken ever 200 square feet in compliance with the NMOCD Closure Criteria	

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

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

Name: Wade Dittrich Title: Environmental Coordinator I hereby agree and sign off to the above statement Email: wade_dittrich@oxy.com Date: 01/24/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

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

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QUESTIONS, Page 5

Action 424524

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	424524
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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QUESTIONS, Page 6

Action 424524

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	424524
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	377362
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/29/2024
What was the (estimated) number of samples that were to be gathered	8
What was the sampling surface area in square feet	615

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	615
What was the total volume (cubic yards) remediated	5.7
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	615
What was the total volume (in cubic yards) reclaimed	5.7
Summarize any additional remediation activities not included by answers (above)	NA

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 01/24/2025
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QUESTIONS, Page 7

Action 424524

QUESTIONS (continued)

Operator:	OGRID:
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P.O. Box 4294	Action Number:
Houston, TX 772104294	424524
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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CONDITIONS

Action 424524

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	424524
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Per the C-141 Guidance Document released on 12/01/2023 when an operator is determining depth to groundwater - "The remediation levels provided in Table I are largely dependent upon depth to groundwater. As such, the OCD focuses upon depth to water estimation. As written, 19.15.11(A)(2) NMAC allows for various means of determining depth to groundwater. If nearby wells are used, it is preferable if they are situated within ½-mile of the release, the water level information is no more than 25 years old, and well construction information is provided. If the water level information does not meet these criteria, the OCD may require boring to a limited depth for verification. If the operator has applicable information which does not meet the above preference, OCD will review it on a case-by-case basis to determine if it is acceptable.	1/27/2025
crystal.walker	Closure Report is approved. In the future request a variance request for the distance or age of the groundwater determination information if it does not meet the guidance document.	1/27/2025