



March 31, 2026

New Mexico Oil Conservation Division

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

**Re: Reclamation and Revegetation Report and Restoration Complete Request
Pure Gold A #8 Battery
Incident Number nAPP2220161298
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Oxy USA Inc. (Oxy), has prepared the following *Reclamation and Revegetation Report and Restoration Complete Request (Report)* for the Pure Gold A #8 Battery (Site). The *Report* documents the Site history, reclamation activities, and vegetation assessment activities completed at the Site. Based on the findings included in this *Report*, Oxy is respectfully requesting Restoration Complete Status for this Site.

BACKGROUND

The Site is located in Unit F, Section 21, Township 23 South, Range 31 East, in Eddy County, New Mexico (32.29152°, -103.78571°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On July 17, 2022, equipment failure on a 4-inch poly flowline resulted in the release of approximately 25 barrels (bbls) of produced water, with no fluids recovered. The release affected the lease road and surrounding pasture. Oxy reported the release to the New Mexico Oil Conservation Division (NMOCD) on July 20, 2022, and submitted a Release Notification Form C-141 (Form C-141) on June 6, 2024. The release was assigned Incident Number nAPP2220161298.

Delineation and excavation of impacted soil was completed at the Site between July 2024 and November 2024. The final excavation extent measured approximately 600 square feet. A total of approximately 120 cubic yards of impacted soil were removed during excavation activities. Based on the delineation and excavation soil sample analytical results, a *Closure Request* was submitted to the NMOCD on December 30, 2024. The NMOCD approved the *Closure Request* on January 3, 2025. Additional details regarding the release, Site Characterization, delineation and excavation activities, and soil sample analytical results can be referenced in the approved *Closure Request* included as Attachment I in this *Report*. Remediation of the release was completed in accordance with Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC).

RECLAMATION ACTIVITIES

Upon completion of excavation activities and receipt of final laboratory analytical results, the excavation was backfilled with locally procured soil and the disturbed area was restored to its original condition. The

Oxy USA Inc.
Reclamation and Revegetation Report and Restoration Complete Request
Pure Gold A #8 Battery

release extent, excavation extent, and reclamation area are shown on the attached Figure 1. Photographic documentation of current Site conditions is provided in Appendix A.

One representative 5-point composite sample (BF01) was collected from the caliche backfill material (used to restore the lease road) and one representative 5-point composite sample (BF02) was collected from the topsoil backfill material (used to restore the affected pasture area) on September 11, 2025. The backfill soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories in Hobbs, New Mexico, for analysis of the following constituents of concern (COCs): total petroleum hydrocarbons (TPH)—gasoline range organics (GRO), TPH—diesel range organics (DRO), and TPH—oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM-4500 Cl-B.

Laboratory analytical results for the backfill soil samples confirmed compliance with NMOCD requirements for the reclaimed area to contain non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 milligrams per kilogram (mg/kg) and TPH concentrations less than 100 mg/kg. The laboratory analytical results are summarized in the attached Table 1 and the complete laboratory analytical report is included as Appendix B.

The lease road remains in-use. No further reclamation activities for the lease road are warranted at this time. The affected pasture area was seeded during November 2024 with the below BLM seed mixture #2 for sandy sites. The seed was applied with a broadcast seed spreader at double the rate specified in pounds of pure live seed (PLS) per acre to account for the application method.

Species/Cultivar	PLS/Acre
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sand love grass (<i>Eragrostis Trichodes</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

Following broadcast seeding, the area was chained to cover the seed.

VEGETATION ASSESSMENT ACTIVITIES

On October 17, 2025, Ensolum personnel completed a Site inspection to assess revegetation progress utilizing the Line-Point Intercept (LPI) method. The LPI method was used to evaluate the vegetative cover across the previously disturbed pasture area in comparison to adjacent undisturbed native reference areas. This method was selected to determine whether the reclaimed areas met or exceeded the 70 percent (%) vegetation cover threshold required for final reclamation and revegetation success, as measured against native baseline conditions. At each assessment location, a 50-foot transect line was established within the most representative portion of both the reclaimed area and its corresponding reference site. Vegetation presence was recorded at 1-foot intervals along each transect. If vegetation was absent at a given point, the location was recorded as bare ground (abbreviated as "S"). Global Positioning System (GPS) coordinates for each transect were collected using a GPS receiver and Field Maps application. The location of each LPI transect is presented in Figure 1.

Results from the LPI survey indicated the disturbed area exhibited an average of 71% vegetative cover, while the corresponding native reference site exhibited an average of 59% cover. This results in a vegetation establishment of 120% vegetative cover, relative to the reference site. This calculated value exceeds the nominal 70 % threshold. The Site is considered to meet reclamation success criteria based on the life-form-ratio, uniform vegetative cover, the presence of approved and native species, and compliance with the intent of 19.15.29.13.D.(3) NMAC. The vegetative cover was generally uniform across the Site, and the species were consistent with the approved seed mix and native to the area.

Oxy USA Inc.
Reclamation and Revegetation Report and Restoration Complete Request
Pure Gold A #8 Battery

Photographic documentation of the Site is included in Appendix A. The LPI field forms are included in Appendix C.

REVEGETATION APPROVAL REQUEST

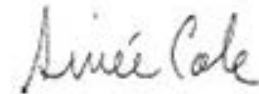
Based on the reclamation activities and vegetation assessment activities completed at the Site, Oxy respectfully requests approval of this *Report* and a status update to *Revegetation Report Approved, Restoration Complete* for Incident Number nAPP2220161298.

If you have any questions or comments, please contact Ms. Kelly Lowery at (214) 733-3165 or klowery@ensolum.com.

Sincerely,
Ensolum, LLC



Kelly Lowery
Project Geologist



Aimee Cole
Associate Principal

cc: Daniel Sparks, Oxy USA Inc.
BLM

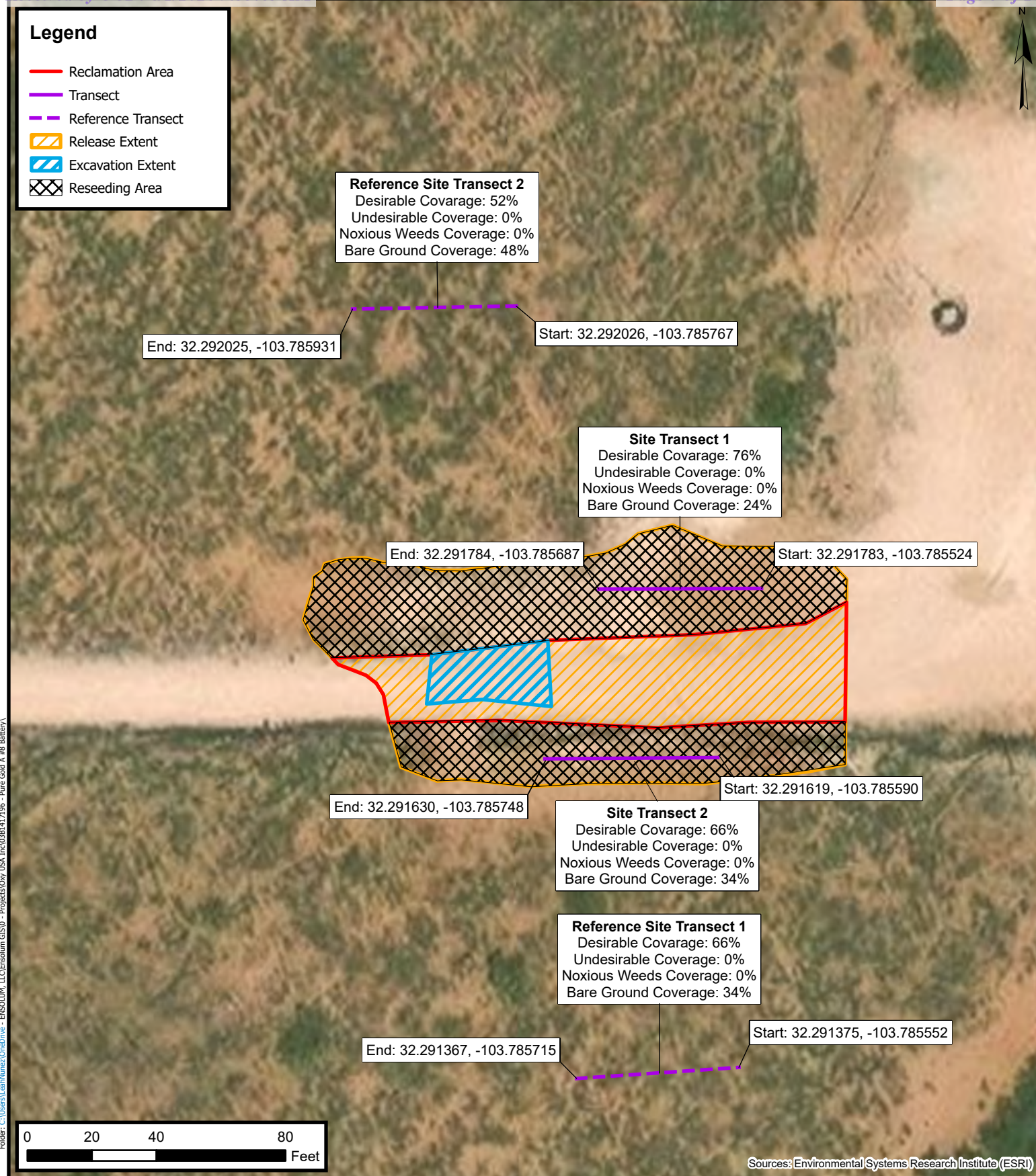
Appendices:

Figure 1	Site Reclamation Map
Table 1	Backfill Soil Sample Analytical Results
Appendix A	Photographic Log
Appendix B	Laboratory Analytical Report & Chain of Custody Documentation
Appendix C	LPI Field Form
Appendix D	Seed Mixture

Attachment I *Closure Request*: Dated December 9, 2024



FIGURES



Site Reclamation Map

Oxy USA Inc.
Pure Gold A #8 Battery
Project Number: 03B1417196
Unit F, Section 21, T23S, R31E
Eddy County, New Mexico

FIGURE

1



TABLES



TABLE 1
BACKFILL SOIL SAMPLE ANALYTICAL RESULTS
 Pure Gold A #8 Battery
 Oxy USA Inc.
 Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
NMOCD Table I Reclamation Requirement (NMAC 19.15.29)			NE	NE	NE	100	600
Composite Backfill Soil Samples							
BF01	09/11/2025	0.25	<10.0	<10.0	<10.0	<10.0	160
BF02	09/11/2025	0.25	<10.0	<10.0	<10.0	<10.0	80.0

bgs: below ground surface

mg/kg: milligrams per kilogram

NE: Not Established

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon



APPENDIX A

Photographic Log

Photographic Log

Oxy USA Inc

Pure Gold A #8 Battery

nAPP2220161298

<u>Photograph</u> 1	<u>Date</u> 10/17/2025	 OXY - Site signage Pure Gold A #8 Battery 17 Oct 2025, 9:24:39 AM
<u>Description</u> Site signage		
<u>View</u> East		
<u>Photograph</u> 2	<u>Date</u> 10/17/2025	 OXY - Revegetation area overview Pure Gold A #8 Battery 17 Oct 2025, 9:24:59 AM
<u>Description</u> Re-vegetation area overview		
<u>View</u> Southwest		

Photographic Log

Oxy USA Inc

Pure Gold A #8 Battery

nAPP2220161298

Photograph 3	Date 10/17/2025	S 80 210 40 270 W ☉ 239°SW (T) • 32.291833, -103.78537 ±5m ▲ 1003m  OXY - Revegetation area overview Pure Gold A #8 Battery 17 Oct 2025, 9:25:20 AM
Description Re-vegetation area overview		
View Southwest		

Photograph 4	Date 10/17/2025	NE 30 60 90 120 SE ☉ 87°E (T) • 32.291784, -103.785708 ±0m ▲ 1000m  OXY - Site Transect 1 (50-0) Pure Gold A #8 Battery 17 Oct 2025, 9:43:22 AM
Description Site transect 1 (50-0')		
View East		



Photographic Log
Oxy USA Inc
Pure Gold A #8 Battery
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<u>Photograph</u> 5	<u>Date</u> 10/17/2025	SWW210240270300NW ☉ 257°SW (T) ☉ 32.291777, -103.785478 ±0m ▲ 1000m  OXY - Site Transect 1 (0-50')Pure Gold A #8 Battery17 Oct 2025, 9:43:58 AM
<u>Description</u> Site transect 1 (0-50')		
<u>View</u> Southwest		
<u>Photograph</u> 6	<u>Date</u> 10/17/2025	N0306090NEE ☉ 36°NE (T) ☉ 32.295479, -103.801884 ±699m ▲ 0m  OXY - Site Transect 2 (0-50')Pure Gold A #8 Battery17 Oct 2025, 10:02:38 AM
<u>Description</u> Site transect 2 (0-50')		
<u>View</u> Northwest* *: Inaccurate heading and GPS in photo due to satellite connection error.		

Photographic Log

Oxy USA Inc

Pure Gold A #8 Battery

nAPP2220161298

<u>Photograph</u> 7	<u>Date</u> 10/17/2025	S 150180210240 205°S (T) • 32.274323, -103.782688 ±3000m ▲ 0m  OXY - Site Transect 2 (50-0) Pure Gold A #8 Battery 17 Oct 2025, 10:03:08 AM
<u>Description</u> Site transect 2 (50-0')		
<u>View</u> Northeast* *: Inaccurate heading and GPS in photo due to satellite connection error.		
<u>Photograph</u> 8	<u>Date</u> 10/17/2025	NW 33003060 5°N (T) • 32.299367, -103.804419 ±800m ▲ 0m  OXY - Reference Site Transect 1 (0-50) Pure Gold A #8 Battery 17 Oct 2025 10:24:20 AM
<u>Description</u> Reference Site transect 1 (0-50')		
<u>View</u> Southwest* *: Inaccurate heading and GPS in photo due to satellite connection error.		

Photographic Log

Oxy USA Inc

Pure Gold A #8 Battery

nAPP2220161298

<u>Photograph</u> 9	<u>Date</u> 10/17/2025	SW210240W270300 ☉ 241°SW (T) • 32.295479, -103.801884 ±699m ▲ 0m  OXY - Reference Site Transect 1 (50-0)Pure Gold A #8 Battery17 Oct 2025 10:25:34 AM
<u>Description</u> Reference Site transect 1 (50-0')		
<u>View</u> East* *: Inaccurate heading and GPS in photo due to satellite connection error.		
<u>Photograph</u> 10	<u>Date</u> 10/17/2025	E90120SE150180S ☉ 145°SE (T) • 32.299367, -103.804419 ±800m ▲ 0m  OXY - Reference Site Transect 2 (0-50)Pure Gold A #8 Battery17 Oct 2025 10:46:11 AM
<u>Description</u> Reference Site transect 2 (0-50')		
<u>View</u> West* *: Inaccurate heading and GPS in photo due to satellite connection error.		

Photographic Log

Oxy USA Inc

Pure Gold A #8 Battery

nAPP2220161298

Photograph 11	Date 10/17/2025	NW 3003300 N 030 ☉ 341°NW (T) • 32.296067, -103.802424 ±699m ▲ 0m  OXY - Reference Site Transect 2 (50-0) Pure Gold A #8 Battery 17 Oct 2025, 10:46:56 AM
Description Reference Site transect 2 (50-0')		
View East* *: Inaccurate heading and GPS in photo due to satellite connection error.		



APPENDIX B

Laboratory Analytical Report & Chain of Custody Documentation



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

September 17, 2025

HADLIE GREEN

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PURE GOLD A #8 BATTERY EXCAVATION

Enclosed are the results of analyses for samples received by the laboratory on 09/11/25 13:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/11/2025	Sampling Date:	09/11/2025
Reported:	09/17/2025	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CO., NM		

Sample ID: BF01 0.25' (H255707-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30		
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57		
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60		
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89		
Total BTEX	<0.300	0.300	09/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/12/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	204	102	200	0.243	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	211	105	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 90.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/11/2025	Sampling Date:	09/11/2025
Reported:	09/17/2025	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CO., NM		

Sample ID: BF02 0.25' (H255707-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30		
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57		
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60		
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89		
Total BTX	<0.300	0.300	09/12/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/12/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	204	102	200	0.243	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	211	105	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



APPENDIX C

LPI Field Form

Plot: Pure Gold A #8 Battery			Line Type: Site Transect 1			Observer: A. Vojdani			Recorder: A. Vojdani		
Direction: W			Date: 10/17/2025		Start/End Coordinates: 32.291783, -103.785524/ 32.291784, -103.785687						
Point	Plant Code	Vegetation Class			Noxious Weed Class	Point	Plant Code	Vegetation Class			Noxious Weed Class
		Desirable	Undesirable	Noxious				Desirable	Undesirable	Noxious	
1	HESUL	X				26	SPCR	X			
2	HESUL	X				27	HESUL	X			
3	HESUL	X				28	SPCR	X			
4	S					29	HESUL	X			
5	HESUL	X				30	HESUL	X			
6	S					31	HESUL	X			
7	HESUL	X				32	HESUL	X			
8	S					33	SPORO	X			
9	S					34	HESUL	X			
10	S					35	HESUL	X			
11	S					36	HESUL	X			
12	S					37	HESUL	X			
13	HESUL	X				38	HESUL	X			
14	HESUL	X				39	HESUL	X			
15	HESUL	X				40	S				
16	HESUL	X				41	S				
17	HESUL	X				42	HESUL	X			
18	HIJA	X				43	HESUL	X			
19	MUSQ3	X				44	HESUL	X			
20	S					45	HESUL	X			
21	HESUL	X				46	HESUL	X			
22	SPCR	X				47	HESUL	X			
23	S					48	HIJA	X			
24	HESUL	X				49	HIJA	X			
25	HESUL	X				50	SPCR	X			

Plant Code	Common Name
HESUL	CAMPHORWEED
SPCR	SAND DROPSEED
SPORO	DROPSEED
HIJA	GALLETA GRASS
MUSQ3	FALSE BUFFALO GRASS

Calculations		
Types of Coverage	Points	Percentage
Desirable Coverage	38	76%
Undesirable Coverage	0	0%
Noxious Weeds Coverage	0	0%
Bare Ground Coverage	12	24%

Plot: Pure Gold A #8 Battery			Line Type: Reference Site Transect 1			Observer: A. Vojdani			Recorder: A. Vojdani		
Direction: W			Date: 10/17/2025		Start/End Coordinates: 32.291375, -103.785552/ 32.291367, -103.785715						
Point	Plant Code	Vegetation Class			Noxious Weed Class	Point	Plant Code	Vegetation Class			Noxious Weed Class
		Desirable	Undesirable	Noxious				Desirable	Undesirable	Noxious	
1	UG01	X				26	UG01	X			
2	SPORO	X				27	S				
3	HIJA	X				28	PASP	X			
4	SPORO	X				29	S				
5	UG01	X				30	S				
6	ARTEM	X				31	SPORO	X			
7	SPORO	X				32	S				
8	SPORO	X				33	S				
9	SPORO	X				34	SPORO	X			
10	SPORO	X				35	SPORO	X			
11	SPORO	X				36	SPORO	X			
12	S					37	S				
13	SPORO	X				38	S				
14	BOER4	X				39	S				
15	BOER4	X				40	S				
16	SPCR	X				41	SPORO	X			
17	S					42	SPORO	X			
18	UG01	X				43	HIJA	X			
19	S					44	HIJA	X			
20	S					45	S				
21	SPORO	X				46	S				
22	SPORO	X				47	S				
23	SPORO	X				48	PASP	X			
24	QUHA	X				49	SPORO	X			
25	SPORO	X				50	SPORO	X			

Plant Code	Common Name
ARTEM	SAGEBRUSH
SPORO	DROPSEED
BOER4	BLACK GRAMA
SPCR	SAND DROPSEED
UG01	UNKNOWN GRASS
PASP	OTHAKE
QUHA	SHINNERY OAK
HIJA	GALLETA GRASS

Calculations		
Types of Coverage	Points	Percentage
Desirable Coverage	33	66%
Undesirable Coverage	0	0%
Noxious Weeds Coverage	0	0%
Bare Ground Coverage	17	34%

Plot: Pure Gold A #8 Battery			Line Type: Site Transect 2			Observer: A. Vojdani			Recorder: A. Vojdani		
Direction: W			Date: 10/17/2025		Start/End Coordinates: 32.291619, -103.785590/ 32.291630, -103.785748						
Point	Plant Code	Vegetation Class			Noxious Weed Class	Point	Plant Code	Vegetation Class			Noxious Weed Class
		Desirable	Undesirable	Noxious				Desirable	Undesirable	Noxious	
1	SPCR	X				26	SPCR	X			
2	SPCR	X				27	SPCR	X			
3	SOEL	X				28	SPCR	X			
4	SOEL	X				29	SPORO	X			
5	SPCR	X				30	SPCR	X			
6	S					31	SPCR	X			
7	S					32	SATR12		X		
8	SOEL	X				33	SPCR	X			
9	SOEL	X				34	SPCR	X			
10	SATR12	X				35	S				
11	S					36	S				
12	HESUL	X				37	S				
13	S					38	S				
14	HIJA	X				39	S				
15	SOEL	X				40	S				
16	SPCR	X				41	S				
17	SPCR	X				42	SPCR	X			
18	SPCR	X				43	SPCR	X			
19	S					44	SPCR	X			
20	S					45	SPCR	X			
21	SPCR	X				46	SPCR	X			
22	S					47	S				
23	S					48	SPCR	X			
24	S					49	SPCR	X			
25	SPCR	X				50	SPCR	X			

Plant Code	Common Name
SOEL	SILVERLEAF NIGHTSHADE
HIJA	GALLETA GRASS
SPCR	SAND DROPSEED
SPORO	DROPSEED
SATR12	RUSSIAN THISTLE

Calculations		
Types of Coverage	Points	Percentage
Desirable Coverage	33	66%
Undesirable Coverage	0	0%
Noxious Weeds Coverage	0	0%
Bare Ground Coverage	17	34%

Plot: Pure Gold A #8 Battery			Line Type: Reference Site Transect 2			Observer: A. Vojdani			Recorder: A. Vojdani		
Direction: W			Date: 10/17/2025		Start/End Coordinates: 32.292026, -103.785767/ 32.292025, -103.785931						
Point	Plant Code	Vegetation Class			Noxious Weed Class	Point	Plant Code	Vegetation Class			Noxious Weed Class
		Desirable	Undesirable	Noxious				Desirable	Undesirable	Noxious	
1	S					26	SPORO	X			
2	S					27	PASP	X			
3	PASP	X				28	S				
4	SPORO	X				29	S				
5	S					30	S				
6	SPORO	X				31	S				
7	SPORO	X				32	PASP	X			
8	SPORO	X				33	SPORO	X			
9	S					34	SPORO	X			
10	S					35	S				
11	S					36	S				
12	SPORO	X				37	SPORO	X			
13	S					38	SPORO	X			
14	S					39	SPORO	X			
15	BOER4	X				40	SPORO	X			
16	BOER4	X				41	SPORO	X			
17	S					42	SPORO	X			
18	S					43	S				
19	S					44	S				
20	YUGL	X				45	S				
21	YUGL	X				46	S				
22	S					47	S				
23	PASP	X				48	S				
24	SPORO	X				49	BOER4	X			
25	SPORO	X				50	QUHA	X			

Plant Code	Common Name
QUHA	SHINNERY OAK
SPORO	DROPSEED
PASP	OTHAKE
BOER4	BLACK GRAMA
YUGL	SOAPTREE YUCCA

Calculations		
Types of Coverage	Points	Percentage
Desirable Coverage	26	52%
Undesirable Coverage	0	0%
Noxious Weeds Coverage	0	0%
Bare Ground Coverage	24	48%

Calculations		
Site Transect 1		
Desirable Covarage	38 Points	76%
Undesirable Coverage	0 Points	0%
Noxious Weeds Coverage	0 Points	0%
Bare Ground Coverage	12 Points	24%
Total Coverage percentage=		76%
Reference Site Transect 1		
Desirable Coverage	33 Points	66%
Undesirable Coverage	0 Points	0%
Noxious Weeds Coverage	0 Points	0%
Bare Ground Coverage	17 Points	34%
Total Coverage percentage=		66%
Site Transect 2		
Desirable Coverage	33 Points	66%
Undesirable Coverage	0 Points	0%
Noxious Weeds Coverage	0 Points	0%
Bare Ground Coverage	17 Points	34%
Total Coverage percentage=		66%
Reference Site Transect 2		
Desirable Coverage	26 Points	52%
Undesirable Coverage	0 Points	0%
Noxious Weeds Coverage	0 Points	0%
Bare Ground Coverage	24 Points	48%
Total Coverage percentage=		52%
Site % / Reference % =		120%
Does the Site pass?		Yes



Attachment D

Seed Mixture

Exhibit A-1
Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sand love grass (<i>Eragrostis trichodes</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed



Attachment I

Closure Request:
Dated December 9, 2024



December 9, 2024

District II
New Mexico Oil Conservation Division
811 S. First Street
Artesia, New Mexico 88210

**Re: Closure Request
Pure Gold A #8 Battery
Incident Number nAPP2220161298
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Oxy USA, Inc. (Oxy), has prepared the following Closure Request to document excavation and soil sampling activities completed to address impacted soil at the Pure Gold A #8 Battery (Site). Soil was impacted by a release of produced water onto the surface of the well pad and into the pasture. Based on the excavation activities and analytical results from the soil sampling events, Oxy is submitting this Closure Request, describing remediation that has occurred and requesting closure for Incident Number nAPP2220161298.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit F, Section 21, Township 23 South, Range 31 East, in Eddy County, New Mexico (32.29152° N, 103.7857° W) and is associated with oil and gas exploration and production operations on state land managed by the Bureau of Land Management (BLM).

On July 17, 2022, an equipment failure on a 4-inch poly flow line resulted in the release of approximately 25 barrels (bbls) of produced water, with none recovered. Oxy reported the release to the NMOCD on July 20, 2022 and submitted a Form C-141 on June 6, 2024. The release was assigned Incident Number nAPP2220161298.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized according to Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. On November 19, 2024, Ensolum installed a soil boring (C-04897 (SB-1)) down to a depth of 110 feet bgs in order to determine groundwater depth for Oxy at the Pure Gold A Federal #005. C-04897 (SB-1). Groundwater was not encountered during the advancement of C-04897 (SB-1). The referenced well records are included in Appendix A.

Oxy USA Inc.
Closure Request
Pure Gold A #8 Battery



The closest continuously flowing or significant watercourse to the Site is a stream approximately 13,429 feet southwest 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 but is located within a low karst potential designation area. A Closure Criteria Map is included on Figure 4.

Based on the results of the Site Characterization and the location of the release, the following NMOCD Table 1 Closure Criteria (Closure Criteria) were applied to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 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 AND SAMPLING ACTIVITIES

On July 1, 2024, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. A total of 21 composite soil samples were collected from seven pothole locations (PH01 through PH07) within the release area in order to delineate the lateral and vertical extent of impacted soil. Three soil samples were collected at each location at various depths ranging from 0.5 feet to 4 feet bgs. On August 30, 2024, Ensolum personnel collected a total of 6 delineation soil samples (SS01 through SS06) around the release extent from a depth of 0.5 feet bgs to assess the lateral extent of the release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride Hach® chloride QuanTab® test strips. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit. Photographic documentation was completed during the site visit and a photographic log is included in 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 at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC) procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-Gasoline Range Organics (GRO), TPH-Diesel Range Organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 4500 Cl-B.

Laboratory analytical results for the composite soil samples collected from PH05 (0.5 feet bgs, 2 feet bgs, and 4 feet bgs) collected within the release extent, indicated chloride concentrations exceeding the Closure Criteria. Laboratory analytical results for the delineation soil samples PH01 through PH04, PH06 and PH07, collected within the release extent at depths ranging from 0.5 to 4 feet bgs and the delineation soil samples (SS01 through SS06) collected from around the release extent at a depth of 0.5 feet bgs, indicated that benzene, BTEX, TPH, and chloride concentrations were compliant with the strictest Table 1 Closure Criteria, and confirmed the lateral and vertical extent of the release. Laboratory analytical results are summarized on Table 1. Complete laboratory analytical reports are included in Appendix C. Based on the laboratory analytical results; additional remediation activities were warranted.

Oxy USA Inc.
Closure Request
Pure Gold A #8 Battery



EXCAVATION SOIL SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

From August 15, 2024 through November 7, 2024, Ensolum personnel returned to the Site to collect composite confirmation samples as well as oversee excavation activities. Impacted soil was excavated from the release area as indicated by visible staining and laboratory analytical results for the assessment and delineation soil samples. Excavation activities were performed using track-mounted backhoe and transport vehicle as well as a hydrovac. To direct excavation activities, soil was screened for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach® chloride QuanTab® test strips, respectively. The excavation was completed to a depth of 6 feet bgs. Photographic documentation of the excavation activities is included in Appendix B.

Following removal of the impacted soil, 5-point composite soil samples were collected at least every 200 square feet from the floor of the excavation or from within the release extent, and every 200 square feet from the sidewalls of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples (SS07 through SS55) were collected from within the release extent from a depth of 0.5 feet bgs. Composite floor soil samples FS01 through FS03 were collected from the floor of the excavation at a depth from 4 to 6 feet bgs. The sidewall soil samples were collected, handled, and analyzed following the same procedures as described above. Composite sidewall soil samples SW01 through SW03 were collected from the sidewall of the excavation from depths ranging from 0 feet bgs to 4 feet bgs. The excavation extent and excavation soil sample locations are presented on Figure 3.

The excavation area measured approximately 600 square feet. A total of approximately 140 cubic yards of impacted soil were removed during the excavation activities. The impacted soil was transported and properly disposed of at the Lealand Landfill in Carlsbad, New Mexico. After confirmation sampling was completed, the backfill of the excavation was completed utilizing material purchased locally from the Lea Lank Caliche Pit and re-contoured to match pre-existing conditions. The Backfill Site Map is presented as Figure 5, laboratory analytical results for the backfill material are summarized on Table 2 and complete laboratory analytical reports are included in Appendix C.

Laboratory analytical results for the confirmation soil samples (SS07 through SS55), the final excavation floor samples (FS01 at 6 feet bgs, FS02 and FS03), and the final excavation sidewall samples (SW01 through SW03) indicated that benzene, BTEX, TPH, and chloride concentrations were compliant with the Closure Criteria and no further remediation was required. The laboratory analytical results are summarized in Table 1. The complete laboratory analytical reports are included in Appendix C.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the July 17, 2022 release of produced water. Laboratory analytical results for the soil samples, collected from the release extent and the final excavation extent, indicated benzene, BTEX, TPH, and chloride concentrations were compliant with the Closure Criteria. Based on the soil sample laboratory analytical results, no further remediation is required. Oxy has completed backfill of the excavation with material purchased locally and recontoured the Site to match pre-existing site conditions. The off-pad areas will be seeded utilizing a weed-free seed mix approved by the BLM to meet the reclamation standard for this region. As such, Oxy respectfully requests closure for Incident Number nAPP2220161298.

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

Sincerely,

Oxy USA Inc.
Closure Request
Pure Gold A #8 Battery



Ensolum, LLC

A handwritten signature in black ink, appearing to read "Georgiana McSwane".

Georgiana McSwane
Project Manager

A handwritten signature in black ink, appearing to read "Beaux Jennings".

Beaux Jennings
Senior Project Manager

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

Appendices:

Figures

Figure 1	Topographic
Figure 2	Site Vicinity Map
Figure 3	Site Map
Figure 4	Closure Criteria
Figure 5	Backfill Site Map

Table 1	Soil Sample Analytical Results
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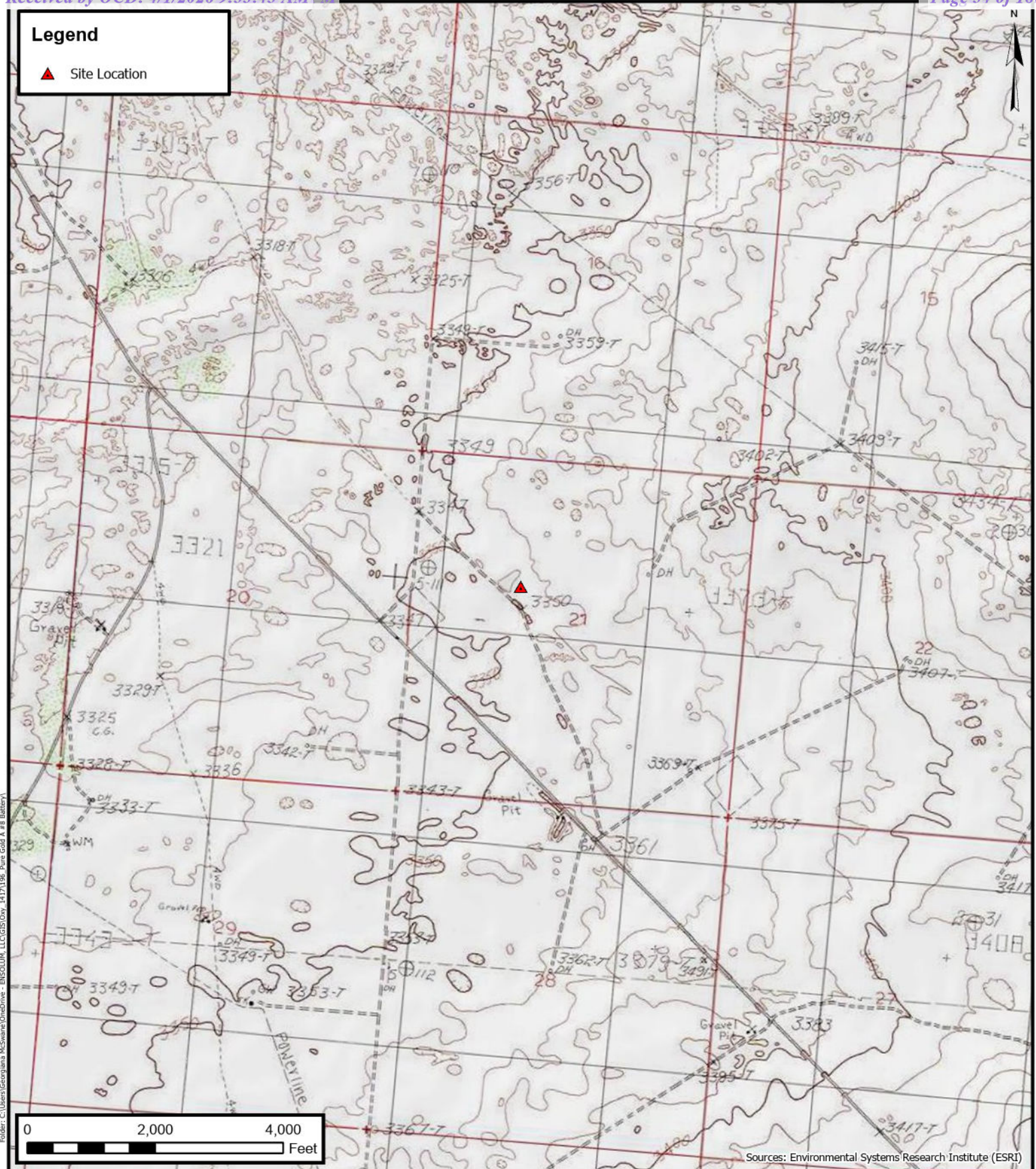
Table 2	Backfill Soil Sample Analytical Results
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Appendix A	Referenced Well Records
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Appendix B	Photographic Log
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Appendix C	Laboratory Analytical Reports & Chain-of-Custody Documentation
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Appendix D	NMOCD Correspondence
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Topographic Map

Oxy USA Inc.
Pure Gold A #8 Battery
32.29152° N, 103.78571° W
Eddy County, New Mexico

PROJECT NUMBER: 03B1417196

FIGURE

1



Site Vicinity Map

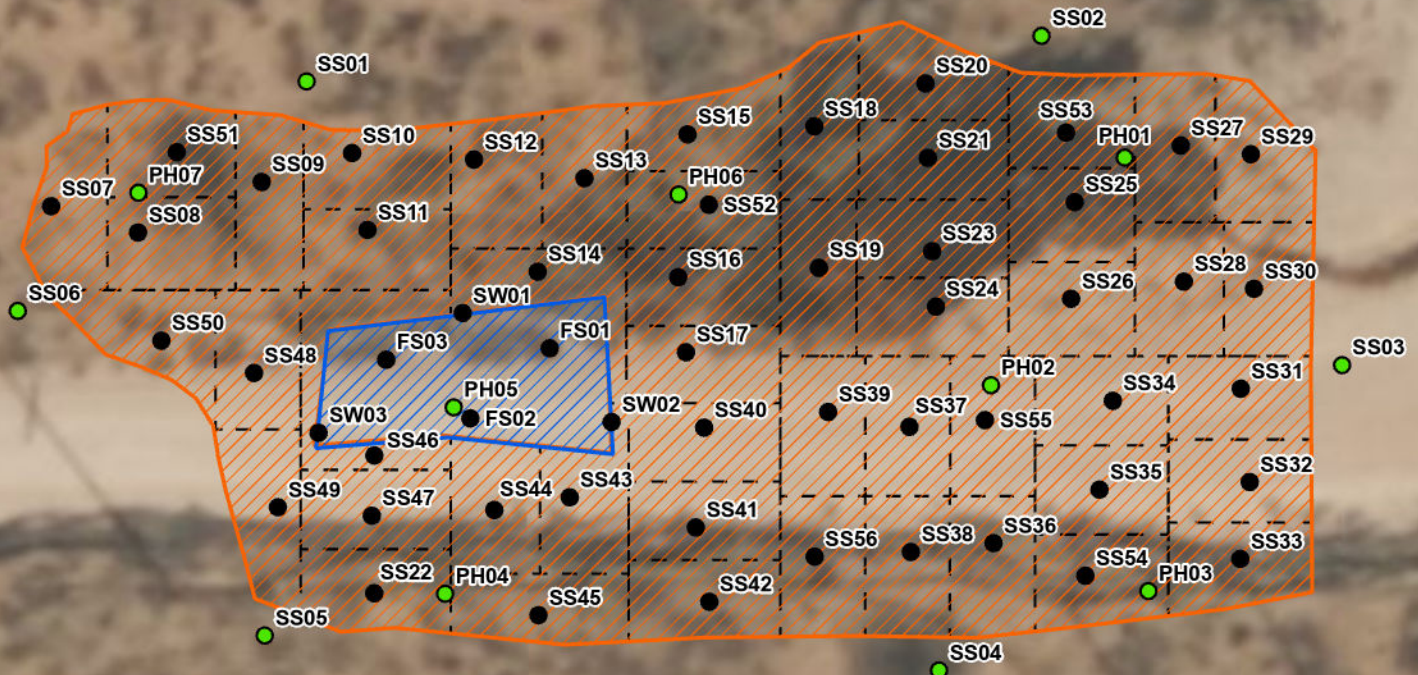
Oxy USA Inc.
Pure Gold A #8 Battery
32.29152° N, 103.78571° W
Eddy County, New Mexico

PROJECT NUMBER: 03B1417196

FIGURE
2

Legend

- Delineation Soil Sample Location
- Confirmation Soil Sample Location
- Excavation Extent
- Release Extent selection
- Composite Soil Sample Boundary



0 25 50
Feet

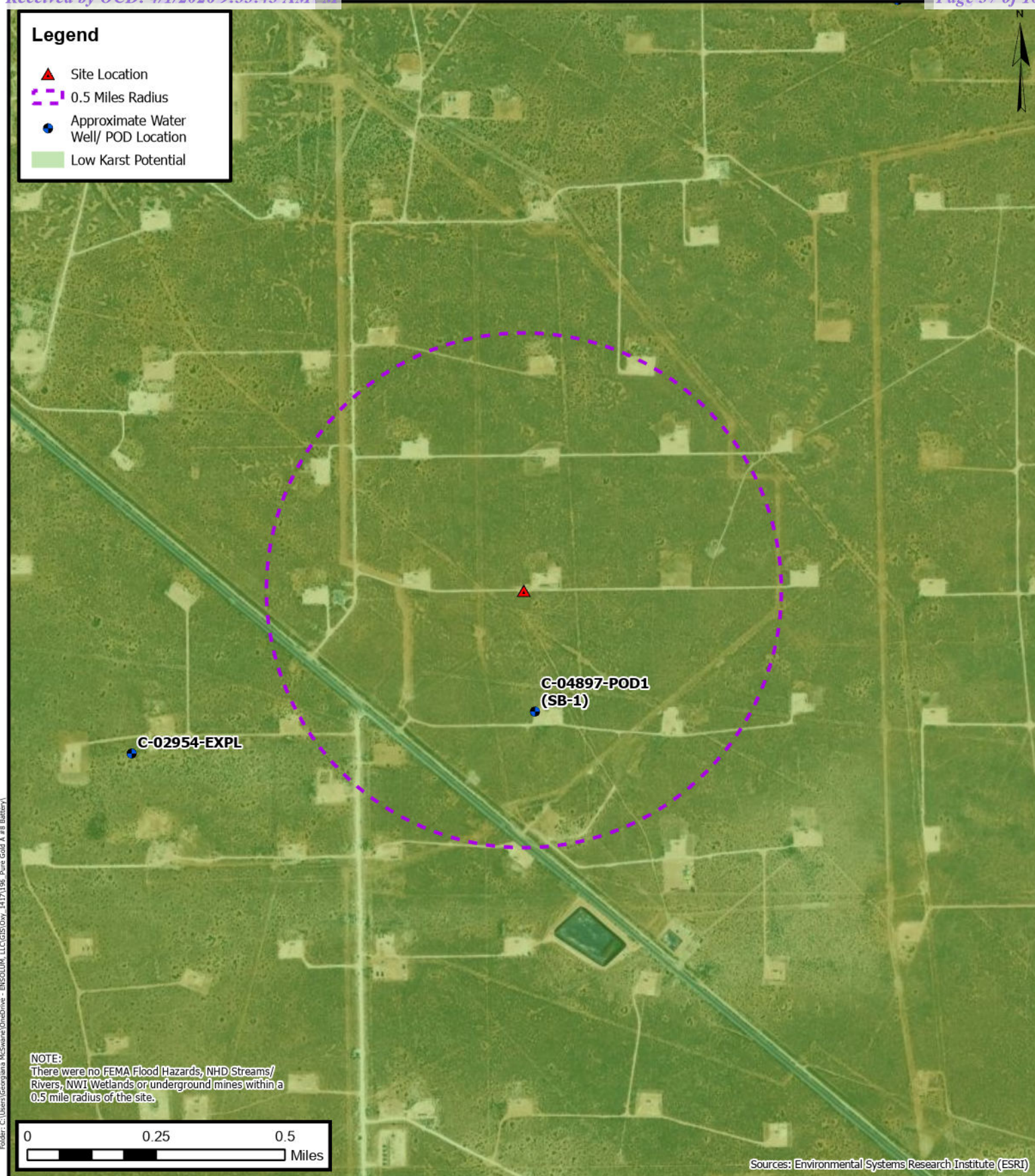
Sources: Environmental Systems Research Institute (ESRI)

**Site Map**

Oxy USA Inc.
Pure Gold A #8 Battery
32.29152° N, 103.78571° W
Eddy County, New Mexico

PROJECT NUMBER: 03B1417196

FIGURE**3**



Closure Criteria Map

Oxy USA Inc.
Pure Gold A #8 Battery
32.29152° N, 103.78571° W
Eddy County, New Mexico

PROJECT NUMBER: 03B1417196

FIGURE

4

Legend

- Composite Sample Location

Lea Land Caliche Pit

0 1,000 2,000
Feet

Sources: Environmental Systems Research Institute (ESRI)



Backfill Site Map

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

FIGURE
5



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Pure Gold A 8 Battery
 Oxy USA Inc.
 Eddy County, New Mexico
 Project No. 03B1417196

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO C ₆ -C ₁₂ (mg/kg)	TPH DRO >C ₁₂ -C ₂₈ (mg/kg)	TPH MRO >C ₂₈ -C ₃₅ (mg/kg)	TPH Total (GRO+DRO+MRO) C ₆ -C ₃₅ (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
Delineation Soil Sample Analytical Results												
PH01	07/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
	07/01/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
	07/01/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
PH02	07/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
	07/01/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
	07/01/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
PH03	07/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
	07/01/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
	07/01/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	564
PH04	07/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
	07/01/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
	07/01/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
PH05	07/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	896
	07/01/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	976
	07/01/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,460
PH06	07/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
	07/01/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
	07/01/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
PH07	07/01/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
	07/01/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
	07/01/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS01	08/30/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS02	08/30/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS03	08/30/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
SS04	08/30/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS05	08/30/2024	0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS06	08/30/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
Confirmation Soil Sample Analytical Results												
SS07	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SS08	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SS09	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SS10	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SS11	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS12	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS13	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
SS14	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
SS15	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	10.1	<10.0	10.1	64.0
SS16	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	52.5	26.4	78.9	48.0
SS17	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS18	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Pure Gold A 8 Battery
 Oxy USA Inc.
 Eddy County, New Mexico
 Project No. 03B1417196

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO C ₆ -C ₁₂ (mg/kg)	TPH DRO >C ₁₂ -C ₂₈ (mg/kg)	TPH MRO >C ₂₈ -C ₃₅ (mg/kg)	TPH Total (GRO+DRO+MRO) C ₆ -C ₃₅ (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
SS19	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS20	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SS21	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SS22	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS23	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SS24	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SS25	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS26	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SS27	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SS28	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
SS29	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS30	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
SS31	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS32	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS33	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS34	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS35	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS36	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
SS37	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
SS38	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
SS39	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
SS40	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SS41	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	480
SS42	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS43	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS44	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS45	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS46	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SS47	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SS48	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS49	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SS50	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS51	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SS52	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS53	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SS54	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SS55	08/16/2024	0.5	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
Excavation Floor Soil Sample Analytical Results												
FS01	08/15/2024	4	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,840
	11/07/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
FS02	08/15/2024	4	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	480



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Pure Gold A 8 Battery
 Oxy USA Inc.
 Eddy County, New Mexico
 Project No. 03B1417196

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO C ₆ -C ₁₂ (mg/kg)	TPH DRO >C ₁₂ -C ₂₈ (mg/kg)	TPH MRO >C ₂₈ -C ₃₅ (mg/kg)	TPH Total (GRO+DRO+MRO) C ₆ -C ₃₅ (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
FS03	08/15/2024	4	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
Excavation Sidewall Soil Sample Analytical Results												
SW01	08/15/2024	0-4	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
SW02	08/15/2024	0-4	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
SW03	08/15/2024	0-4	<0.050	<0.050	<0.300	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0

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.

Concentrations in **bold** and orange exceed thesomething about off pad reclamation standards?



TABLE 2
BACKFILL SOIL SAMPLE ANALYTICAL RESULTS
Lea Land Caliche Pit
Oxy USA, Inc.
Lea County, New Mexico
Ensolum Project No. NA

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
Composite Background Soil Sample Analytical Result												
Lea Land Caliche Pit	09/13/2024	NA	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.6	<10.0	98.6	560

bgs: below ground surface

mg/kg: milligrams per kilogram

NA: Not Applicable

NE: Not Established

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon



APPENDIX A

Referenced Well Records



GROUNDWATER LOG SB-1

ENSOLUM

PROJECT NUMBER 03B1417169	DRILLING DATE 11/19/2024	COORDINATES 32.288270, -103.785346
PROJECT NAME Pure Gold A Federal 005	TOTAL DEPTH 110'	COORD SYS
CLIENT Oxy USA, Inc.	DIAMETER 2"	COMPLETION
ADDRESS	CASING PVC	SURFACE ELEVATION 3358'
LICENCE NO.	SCREEN	WELL TOC

COMMENTS Drilled by Caleb Gregory, West Texas Water Well**LOGGED BY** Shimada Kaoru**CHECKED BY**

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (ft)
				2			Brown sandy clay, dry, very fine-grained to fine-grained, trace gravel		3356
				4					3354
				6					3352
				8					3350
				10					3348
				12					3346
				14					3344
				16					3342
				18					3340
				20			Pale light brown caliche, small gravel		3338
				22					3336
				24					3334

Disclaimer This bore log is intended for environmental not geotechnical purposes.

Page 1 of 4



GROUNDWATER LOG SB-1

ENSOLUM

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (ft)
				26					3332
				28					3330
				30			Brown clay, dry, no gravel, very fine-grained to fine-grained, oxidites		3328
				32					3326
				34					3324
				36					3322
				38					3320
				40			Reddish-brown, clayey-sand, fine to coarse, dry, non-cemented, non-plastic, some gravel		3318
				42					3316
				44					3314
				46					3312
				48					3310
				50			Brownish-red, sandy clay, dry, non-plastic, non-cemented, no gravel, oxidized		3308
				52					3306
				54					3304

Disclaimer This bore log is intended for environmental not geotechnical purposes.

Page 2 of 4



GROUNDWATER LOG SB-1

ENSOLUM

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (ft)
				56					3302
				58					3300
				60			Reddish-brown sandy clay, non-cemented, non-plastic, very fine to fine-grained		3298
				62					3296
				64					3294
				66					3292
				68					3290
				70			Same as above, darker in color		3288
				72					3286
				74					3284
				76					3282
				78					3280
				80					3278
				82					3276
				84					3274

Disclaimer This bore log is intended for environmental not geotechnical purposes.

Page 3 of 4



GROUNDWATER LOG SB-1

ENSOLUM

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description	Well Diagram	Elevation (ft)
				86					3272
				88					3270
				90			Reddish-brown, dry, sandy clay, non-cemented, non-plastic, very fine-grained to fine-grained, no gravel		3268
				92					3266
				94					3264
				96					3262
				98					3260
				100					3258
				102					3256
				104					3254
				106					3252
				108					3250
				110			Reddish brown silty clay, dry, non-cemented, non-plastic, very fine to coarse, no gravel		3248
				112					3246
				114					3244

Disclaimer This bore log is intended for environmental not geotechnical purposes.

Page 4 of 4



APPENDIX B

Photographic Log

**Photographic Log**

Oxy USA, inc

Pure Gold A #8 Battery

Incident Number: nAPP2220161298

South West Elevation

☉ 77°NE (T) • 32.670672, -104.090635 ±5m

**North West Elevation**

☉ 147°SE (T) • 32.670633, -104.090656 ±5m



Photograph: 1 Date: 4/18/2024
Description: Soil staining in release footprint
View: Southwest

Photograph: 2 Date: 4/18/2024
Description: Soil staining in release footprint
View: Northwest

South East Elevation

☉ 326°NW (T) • 32.670189, -104.090144 ±7m

**North East Elevation**

☉ 215°SW (T) • 32.67045, -104.089968 ±6m



Photograph: 3 Date: 6/21/2024
Description: Excavation activities
View: Southeast

Photograph: 4 Date: 6/21/2024
Description: Excavation activities
View: Northeast

**Photographic Log**

Oxy USA, inc

Pure Gold A #8 Battery

Incident Number: nAPP2220161298



Photograph: 5
Description: Excavation Activites
View: Northeast

Date: 7/17/2024



Photograph: 6
Description: Excavation Activites
View: North

Date: 7/17/2024



Photograph: 7
Description: Backfill activities
View: West

Date: 12/10/2024



Photograph: 8
Description: Backfill activities
View: Northeast

Date: 12/10/2024



APPENDIX B

Laboratory Analytical Reports & Chain-of-Custody Documentation



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

July 11, 2024

HADLIE GREEN

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PURE GOLD A #8 BATTERY

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 01 0.5' (H244001-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76	QM-07, QR-03
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03	QM-07
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02	
Total BTX	<0.300	0.300	07/09/2024	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/09/2024	ND	400	100	400	7.69	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 01 3' (H244001-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02	
Total BTX	<0.300	0.300	07/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/09/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 01 4' (H244001-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 02 0.5' (H244001-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEx	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 02 1' (H244001-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 02 4' (H244001-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 03 0.5' (H244001-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 03 1' (H244001-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 03 4' (H244001-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	564	16.0	07/09/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 04 0.5' (H244001-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 04 2' (H244001-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 04 4' (H244001-12)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02	
Total BTX	<0.300	0.300	07/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/09/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 05 0.5' (H244001-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02	
Total BTEx	<0.300	0.300	07/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 05 2' (H244001-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 05 4' (H244001-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1460	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 06 0.5' (H244001-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEx	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/09/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	95.7	95.7	100	0.272	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	91.8	91.8	100	0.490	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 06 2' (H244001-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/09/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	102	102	100	2.73	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	5.66	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 06 4' (H244001-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/09/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	102	102	100	2.73	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	5.66	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 07 0.5' (H244001-19)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/09/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	102	102	100	2.73	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	5.66	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 07 2' (H244001-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.03	102	2.00	1.76		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	2.02		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.21	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.86	114	6.00	2.02		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/09/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	102	102	100	2.73	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	5.66	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
 Reported: 07/11/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417146
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PH 07 4' (H244001-21)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.01	101	2.00	0.310		
Toluene*	<0.050	0.050	07/09/2024	ND	2.00	100	2.00	0.395		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.12	106	2.00	0.763		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.26	104	6.00	0.976	QM-07	
Total BTX	<0.300	0.300	07/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/09/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/09/2024	ND	102	102	100	2.73	
DRO >C10-C28*	<10.0	10.0	07/09/2024	ND	91.8	91.8	100	5.66	
EXT DRO >C28-C36	<10.0	10.0	07/09/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO										ANALYSIS REQUEST																			
Company Name: Ensolum, LLC																													
Project Manager: HADLE GREEN										P.O. #:																			
Address: 601 N Marienfeld Street, Suite 400										ATTN: Wade P. Smith																			
City: Midland										State: TX Zip: 79701																			
Phone #: 432-557-8845										Fax #:																			
Project #: 03B147146										Address:																			
Project Name: Pure Gold A #8 Partner										City:																			
Project Location: Edley County, NM										State: Zip:																			
Sample Name: NKD										Phone #:																			
										Fax #:																			
FOR LAB USE ONLY																													
Lab I.D.										Depth (feet)										(G)RAB OR (C)OMP.									
Sample I.D.										# CONTAINERS										GROUNDWATER									
										WASTEWATER										SOIL									
										OIL										SLUDGE									
										OTHER :										ACID/BASE:									
										ICE / COOL										OTHER :									
										DATE										TIME									
HADHCOI										PH01										0.5'									
										PH01										3'									
										PH01										4'									
										PH02										0.5'									
										PH02										4'									
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										PH03										4'									
										PH04										0.5'									
										PH04										0.5'									
PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																													
Relinquished By: Mella Baw										Received By: Spectroignell										Verbal Result: Yes No Add'l Phone #:									
Date: 09/17										Time: 09:57										All Results are emailed. Please provide Email address:									
Reinquinshed By:										Received By:										REMARKS: 1, 2, 3, 4, 5, 7, 8, 10, 15, 17, 19, 21 - Same as sand water 10/5/04. Refused to have green. same as sand still run. samples AD 7, 3, 24, 10:24									
Delivered By: (Circle One) Sampler - UPS - Bus - Other:										Observed Temp.: Corrected Temp.:										Turnaround Time: Thermometer ID #113 Rush Standard Bacteria (only) Sample Condition Cool Intact Observed Temp.: °C Corrected Temp. °C									



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 3

Company Name: Ensolum, LLC

Project Manager: *Holly Green*

Address: 601 N Marientfeld Street, Suite 400

City: Midland

State: TX Zip: 79701

Phone #: 432-557-8895

Fax #:

Project #: 0381417196

Project Owner:

Project Name: *Pure Gold A #8 Battery*

Project Location: *Eden County, NM*

Sample Name: NKD

Fax #:

BILL TO

P.O. #:

OK, USA, Inc

Address:

Attn: Wade Brinkley

City:

State: Zip:

Phone #

ANALYSIS REQUEST

Project Manager: <i>Hallie Green</i>													P.O. #:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Project Location: <i>Edley (Burr), NM</i>													Fax #:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Relinquished By:

Date: 7-3-24

Received By:

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date: 0957

Received By:

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

Relinquished By:

Date: 0957

Received By:

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

Relinquished By:

Date: 0957

Received By:

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

Relinquished By:

Date: 0957

Received By:

Verbal Result: ☐ Yes ☒ No

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Date: 0957

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Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

Relinquished By:

Date: 0957

Received By:

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

Relinquished By:

Date: 0957

Received By:

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3043

Company Name: Ensolum, LLC

Project Manager: Hadi Green

Address: 601 N Marientfeld Street, Suite 400

City: Midland

State: TX Zip: 79701

Phone #: 432-557-8845

Fax #:

Project #: 038147146

Project Owner:

Project Name: Pure Gold A #8 Battery

Project Location: Eddy County, NM

Sampler Name: NKD

BILL TO

ANALYSIS REQUEST

P.O. #:

City: Midland

Address: Attn: Wade Dinkley

State:

Zip:

Phone #

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Depth (feet)

H344001

21

PH07

4

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

7/1/24

1120

X

X

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X

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X

X

X

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X

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X

X

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Relinquished By:

Date: 7/3/24

Received By:

Time: 0957

Verbal Result: ☐ Yes ☒ No Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date: 0957

Received By:

Time: 0957

Verbal Result: ☐ Yes ☒ No Add'l Phone #:

All Results are emailed. Please provide Email address:

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition Cool Intact ☒ Yes ☐ No

CHECKED BY: [Signature]

Thermometer ID #443

Correction Factor 0.00

Standard ☒ Rush ☐

Bacteria (only) ☐ Cool Intact ☐ Yes ☐ No

Sample Condition Observed Temp. °C

Corrected Temp. °C

Turnaround Time: 10:24

REMARKS: Sample 21 is located at 103600. Collected to 103600. Sample 21 is located at 103600. Collected to 103600.

FORM-000 R 3.2 10/07/21

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



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

August 21, 2024

BEAUX JENNINGS

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PURE GOLD A #8 BATTERY EXCAVATION

Enclosed are the results of analyses for samples received by the laboratory on 08/16/24 13:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS07 0.5 (H245001-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538	
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900	
Total BTX	<0.300	0.300	08/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/20/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2024	ND	222	111	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	207	104	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS08 0.5 (H245001-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEx	<0.300	0.300	08/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/20/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2024	ND	222	111	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	207	104	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS09 0.5 (H245001-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538	
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900	
Total BTEX	<0.300	0.300	08/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/20/2024	ND	464	116	400	3.51	

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	08/19/2024	ND	222	111	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	207	104	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS10 0.5 (H245001-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	222	111	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	207	104	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS11 0.5 (H245001-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/20/2024	ND	222	111	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	207	104	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS12 0.5 (H245001-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 08/16/2024
Reported: 08/21/2024
Project Name: PURE GOLD A #8 BATTERY EXCAVATION
Project Number: 03B1417196
Project Location: OXY 32.291352,-103.78571

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS13 0.5 (H245001-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEx	<0.300	0.300	08/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS14 0.5 (H245001-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 08/16/2024
Reported: 08/21/2024
Project Name: PURE GOLD A #8 BATTERY EXCAVATION
Project Number: 03B1417196
Project Location: OXY 32.291352,-103.78571

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS15 0.5 (H245001-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	10.1	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS16 0.5 (H245001-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	52.5	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	26.4	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS17 0.5 (H245001-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS18 0.5 (H245001-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/19/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.11	102	6.00	0.900		
Total BTEX	<0.300	0.300	08/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS19 0.5 (H245001-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/20/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.11	102	6.00	0.900		
Total BTEx	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS20 0.5 (H245001-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/20/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.11	102	6.00	0.900		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS21 0.5 (H245001-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	101	2.00	0.538		
Toluene*	<0.050	0.050	08/20/2024	ND	1.96	97.8	2.00	0.436		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.05	103	2.00	0.838		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.11	102	6.00	0.900		
Total BTEx	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS22 0.5 (H245001-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.36	118	2.00	1.62	QM-07	
Toluene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS23 0.5 (H245001-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS24 0.5 (H245001-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.88	98.1	6.00	2.67		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS25 0.5 (H245001-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.88	98.1	6.00	2.67		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS26 0.5 (H245001-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS27 0.5 (H245001-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS28 0.5 (H245001-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.88	98.1	6.00	2.67		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	08/20/2024	ND	464	116	400	3.51		

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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS29 0.5 (H245001-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.88	98.1	6.00	2.67		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS30 0.5 (H245001-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/20/2024	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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS31 0.5 (H245001-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/20/2024	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	08/19/2024	ND	233	117	200	2.95	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	226	113	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 08/16/2024
Reported: 08/21/2024
Project Name: PURE GOLD A #8 BATTERY EXCAVATION
Project Number: 03B1417196
Project Location: OXY 32.291352,-103.78571

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS32 0.5 (H245001-26)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62	
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67	
Total BTX	<0.300	0.300	08/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/20/2024	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	08/19/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 08/16/2024
Reported: 08/21/2024
Project Name: PURE GOLD A #8 BATTERY EXCAVATION
Project Number: 03B1417196
Project Location: OXY 32.291352,-103.78571

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS33 0.5 (H245001-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 08/16/2024
Reported: 08/21/2024
Project Name: PURE GOLD A #8 BATTERY EXCAVATION
Project Number: 03B1417196
Project Location: OXY 32.291352,-103.78571

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS34 0.5 (H245001-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTEx	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS35 0.5 (H245001-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS36 0.5 (H245001-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS37 0.5 (H245001-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS38 0.5 (H245001-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS39 0.5 (H245001-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTEx	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS40 0.5 (H245001-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTEx	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 08/16/2024
Reported: 08/21/2024
Project Name: PURE GOLD A #8 BATTERY EXCAVATION
Project Number: 03B1417196
Project Location: OXY 32.291352,-103.78571

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS41 0.5 (H245001-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.36	118	2.00	1.62		
Toluene*	<0.050	0.050	08/20/2024	ND	2.06	103	2.00	2.30		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.95	97.4	2.00	2.74		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.88	98.1	6.00	2.67		
Total BTEx	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS42 0.5 (H245001-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/19/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	7.30	122	6.00	3.59	
Total BTEx	<0.300	0.300	08/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS43 0.5 (H245001-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/19/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	7.30	122	6.00	3.59	
Total BTEx	<0.300	0.300	08/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS44 0.5 (H245001-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/19/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	7.30	122	6.00	3.59		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS45 0.5 (H245001-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/19/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	7.30	122	6.00	3.59	
Total BTEX	<0.300	0.300	08/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 65.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS46 0.5 (H245001-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS47 0.5 (H245001-41)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS48 0.5 (H245001-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59	
Total BTEx	<0.300	0.300	08/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/20/2024	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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS49 0.5 (H245001-43)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/20/2024	ND	416	104	400	3.92		

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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS50 0.5 (H245001-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/20/2024	ND	416	104	400	3.92		

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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS51 0.5 (H245001-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59		
Total BTEx	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/20/2024	ND	416	104	400	3.92		

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	08/20/2024	ND	229	114	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	206	103	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 08/16/2024
Reported: 08/21/2024
Project Name: PURE GOLD A #8 BATTERY EXCAVATION
Project Number: 03B1417196
Project Location: OXY 32.291352,-103.78571

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS52 0.5 (H245001-46)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	ND	416	104	400	3.92		

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	08/19/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS53 0.5 (H245001-47)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/20/2024	ND	416	104	400	3.92		

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	08/19/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	08/16/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY 32.291352,-103.78571		

Sample ID: SS54 0.5 (H245001-48)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/20/2024	ND	416	104	400	3.92		

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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

ENSOLUM
BEAUX JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 08/16/2024
Reported: 08/21/2024
Project Name: PURE GOLD A #8 BATTERY EXCAVATION
Project Number: 03B1417196
Project Location: OXY 32.291352,-103.78571

Sampling Date: 08/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS55 0.5 (H245001-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58		
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59		
Total BTEx	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/20/2024	ND	416	104	400	3.92		

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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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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

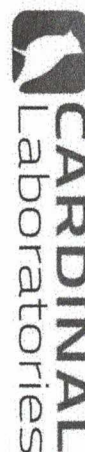
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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

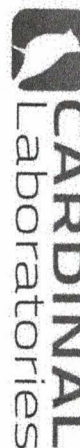


CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC										BILL TO										ANALYSIS REQUEST									
Project Manager: Beaux Jennings										P.O. #:																			
Address: 601 N. Marlenfield St. STE 400										Company: OXY USA																			
City: Midland State: TX Zip: 79701										Attn: Wade Dittich																			
Phone #: (210)219-8858 Email: bjennings@ensolum.com										Address:																			
Project #: 036041196 Project Owner: Excavated										City:																			
Project Name: Pure Gold A #8 Battery										State: Zip:																			
Project Location: 32.2432, -103.73531										Phone #:																			
Sampler Name: Kaoru Shimada										Email:																			
FOR LAB USE ONLY										PRESERV.										SAMPLING									
Lab I.D.										Sample Depth (feet)										(G)RAB OR (C)OMP.									
Sample I.D.										# CONTAINERS										GROUNDWATER									
										WASTEWATER										SOIL									
										OIL										SLUDGE									
										OTHER :										ACID/BASE:									
										ICE / COOL										OTHER :									
										DATE										TIME									
17245861										0.5										C 1									
1										3507										X									
2										3508										X									
3										3509										X									
4										3510										X									
5										3511										X									
6										3512										X									
7										3513										X									
8										3514										X									
9										3515										X									
10										3516										X									
11										0.5										C 1									
12										8-16-24										705									
13										706										X									
14										707										X									
15										708										X									
16										710										X									
17										711										X									
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25										720										X									
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28										723										X									
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31										726										X									
32										727										X									
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38										733										X									
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41										736										X									
42										737										X									
43										738										X									
44										739										X									
45										740										X									
46										741										X									
47										742										X									
48										743										X									
49										744										X									
50										745										X									
51										746										X									
52										747										X									
53										748										X									
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55										750										X									
56										751										X									
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68										763										X									
69										764										X									
70										765										X									
71										766										X									
72										767										X									
73										768										X									
74										769										X									
75										770										X									
76										771										X									
77										772										X									
78										773										X									
79										774										X									
80										775										X									
81										776										X									
82										777										X									
83										778										X									
84										779										X									
85										780										X									
86										781										X									
87										782										X									
88										783										X									
89										784										X									
90																													

5



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC						BILL TO		ANALYSIS REQUEST												
Project Manager: Beaux Jennings						P.O. #:														
Address: 601 N. Marlenfield St. STE 400						Company: OXY USA														
City: Midland State: TX Zip: 79701						Attn: Wade Dittich														
Phone #: (210)219-8858 Email: bjennings@ensolum.com						Address:														
Project #: 02514196 Project Owner:						City:														
Project Location: Pure Fold A #8 Battery Excavation						State: Zip:														
Sample Name: Kaoru Shinada						Phone #:														
FOR LAB USE ONLY						Email:														
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING	BTEX 8021B	TPH 8015M	Chloride 4500	Hold						
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME						
H24561	517	0.7	C	1	X								8-10-24	7:20	X	X	X			
11	518													7:22						
12	519													7:23						
13	520													7:24						
14	521													7:27						
15	522													10:53						
16	523													7:29						
17	524													7:30						
18	525													7:33						
19	526													7:35						
20	527													7:36						
PLEASE NOTE: Liability and Damages: Customer'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 you client for the analysis. In claims involving those for negligence and any other cause whatsoever shall be determined unless made in writing and received by Client within 30 days after completion of the applicable service. The undersigned hereby certifies that the information furnished herein was obtained from the person(s) named above and is true and correct to the best of their knowledge and belief. The undersigned further certifies that they are duly qualified to perform the services requested by Client, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Relinquished By: _____ Received By: _____ Time: _____ Date: _____ Time: _____ Remarks: Paykey/AFF/NonAFE: _____ Verbal Result: Yes No Add'l Phone #: _____ All Results are emailed. Please provide Email address: bjennings@ensolum.com, gmcswane@ensolum.com																				

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3/5

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

Company Name: Ensolum, LLC		P.O. #:		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company: OXY USA			
Address: 601 N. Marland St. STE 400		Attn: Wade Dittich			
City: Midland State: TX Zip: 79701		Address:			
Phone #: (210) 219-8858 Email: bjennings@ensolum.com		City:			
Project #: 03814196 Project Owner: Pure Food #8 ISATRY EXCAVATION		State:			
Project Location: 32.2452, -102.7854		Zip:			
Sampler Name: Kaoru Shimada		Phone #:			
Email:					
FOR LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	
			GROUNDWATER		
			WASTEWATER		
			SOIL		
			OIL		
			SLUDGE		
			OTHER:		
			ACID/BASE:		
			ICE / COOL		
			OTHER:		
			DATE	TIME	
HA561	5527	0.5	8-10-24	7:37	BTEX 8021B
21	5578	1	7:38	7:39	TPH 8015M
22	5579	1	7:41	10:31	Chloride 4500
23	5530	1	10:34	10:35	Hold
24	5531	1	10:37	10:38	
25	5532	1	10:39	10:40	
26	5533	1	10:41	10:42	
27	5534	1	10:43	10:44	
28	5535	1	10:45	10:46	
29	5536	1	10:47	10:48	
30	5537	1	10:49	10:50	

PLEASE NOTE: Liability and Damages: Cardinal's liability and clients' exclusive remedy for any claim arising within the time period stated by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless written and received by Cardinal within 30 days after completion of the applicable service. No event shall constitute an admission of liability or constitute an offer of insurance, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors acting out or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

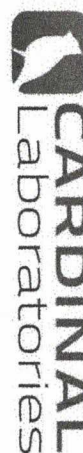
Relinquished By: Kaoru Shimada Date: 8/10/24 Received By: Speckley Time: 1335

Delivered By: (Circle One) UPS Corrected Temp. °C: 5.2 Sample Condition: SR Checked By: SR

Thermometer ID: 1140 Correction Factor: -0.10 Standard: Yes Observed Temp. °C: 5.2 Corrected Temp. °C: 5.3

FORN-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company: OXY USA					
Address: 601 N. Marland St. STE 400		Attn: Wade Dittich					
City: Midland State: TX Zip: 79701		Address:					
Phone #: (210)219-8858 Email: bjennings@ensolum.com		City:					
Project #: 038441196 Project Owner:		State:					
Project Name: Pure Gold A & B Drift Excavation		Zip:					
Project Location: 32.20457, -103.78521		Phone #:					
Sampler Name: Kaoru Shimada		Email:					

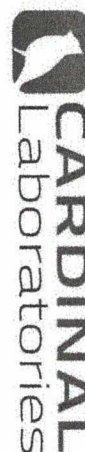
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX 8021B	TPH 8015M	Chloride 4500	Hold	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							ACID/BASE:
124561	5334	0.5	C	1								8-16-24	1042	*	*	*	
5335	5338	1										1041	1041	*	*	*	
5336	5339	1										1045	1045	*	*	*	
5340	5341	1										1048	1048	*	*	*	
5341	5342	1										1047	1047	*	*	*	
5342	5343	1										1046	1046	*	*	*	
5343	5344	1										1050	1050	*	*	*	
5344	5345	1										1051	1051	*	*	*	
5345	5346	1										1055	1055	*	*	*	

Relinquished By: <i>[Signature]</i>	Date: 4/1/24	Received By: <i>[Signature]</i>	Date: 4/1/24
Relinquished By: <i>[Signature]</i>	Date: 4/1/24	Received By: <i>[Signature]</i>	Date: 4/1/24

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Sample Condition Cool Intact ☐ Yes ☒ No	CHECKED BY: (Initials)	Turnaround Time: Rush ☐ Standard ☒ Battery (only) Sample Condition	Thermometer ID: <i>140</i> Correction Factor: <i>-0.02</i>	Verbal Result: ☐ Yes ☒ No	Add'l Phone #:
--	---	--	---------------------------	--	---	--	----------------

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]

Page 56 of 56



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

August 21, 2024

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

RE: PURE GOLD A #8 BATTERY EXCAVATION

Enclosed are the results of analyses for samples received by the laboratory on 08/15/24 16:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/15/2024	Sampling Date:	08/15/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: FS 01 4 (H244976-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2024	ND	213	106	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	194	97.0	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/15/2024	Sampling Date:	08/15/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: FS 02 4 (H244976-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2024	ND	213	106	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	194	97.0	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/15/2024	Sampling Date:	08/15/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: FS 03 4 (H244976-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32		
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82		
Total BTEX	<0.300	0.300	08/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2024	ND	213	106	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	194	97.0	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/15/2024	Sampling Date:	08/15/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: SW 01 0-4 (H244976-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.25	112	2.00	3.22		
Toluene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.896		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.97	98.5	2.00	0.800		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.03	100	6.00	1.49		
Total BTEX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2024	ND	213	106	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	194	97.0	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/15/2024	Sampling Date:	08/15/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: SW 02 0-4 (H244976-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.25	112	2.00	3.22		
Toluene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.896		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.97	98.5	2.00	0.800		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.03	100	6.00	1.49		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2024	ND	213	106	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	194	97.0	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/15/2024	Sampling Date:	08/15/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: SW 03 0-4 (H244976-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2024	ND	2.25	112	2.00	3.22		
Toluene*	<0.050	0.050	08/19/2024	ND	2.05	103	2.00	0.896		
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.97	98.5	2.00	0.800		
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.03	100	6.00	1.49		
Total BTEx	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2024	ND	213	106	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	194	97.0	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 71.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

j.keene@cardinallabsnm.com

.keene@cardinallabsnm.com

Page 9 of 9



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

September 05, 2024

HADLIE GREEN

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PURE GOLD A #8 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/30/24 11:43.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/05/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417196
 Project Location: OXY - EDDY CO NM

Sampling Date: 08/30/2024
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SS 01 0.5 (H245310-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.92	96.2	2.00	5.17	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.0	2.00	4.44	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.87	93.7	2.00	4.11	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.57	92.9	6.00	4.05	
Total BTEX	<0.300	0.300	08/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	202	101	200	0.105	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	199	99.4	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/05/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417196
 Project Location: OXY - EDDY CO NM

Sampling Date: 08/30/2024
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SS 02 0.5 (H245310-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2024	ND	1.92	96.2	2.00	5.17		
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.0	2.00	4.44		
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.87	93.7	2.00	4.11		
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.57	92.9	6.00	4.05		
Total BTEX	<0.300	0.300	08/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	202	101	200	0.105	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	199	99.4	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/05/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417196
 Project Location: OXY - EDDY CO NM

Sampling Date: 08/30/2024
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SS 03 0.5 (H245310-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2024	ND	1.92	96.2	2.00	5.17		
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.0	2.00	4.44		
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.87	93.7	2.00	4.11		
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.57	92.9	6.00	4.05		
Total BTEX	<0.300	0.300	08/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	202	101	200	0.105	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	199	99.4	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/05/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417196
 Project Location: OXY - EDDY CO NM

Sampling Date: 08/30/2024
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SS 04 0.5 (H245310-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2024	ND	1.92	96.2	2.00	5.17		
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.0	2.00	4.44		
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.87	93.7	2.00	4.11		
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.57	92.9	6.00	4.05		
Total BTEX	<0.300	0.300	08/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	202	101	200	0.105	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	199	99.4	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/05/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417196
 Project Location: OXY - EDDY CO NM

Sampling Date: 08/30/2024
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SS 05 0.5 (H245310-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2024	ND	1.92	96.2	2.00	5.17		
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.0	2.00	4.44		
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.87	93.7	2.00	4.11		
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.57	92.9	6.00	4.05		
Total BTEX	<0.300	0.300	08/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2024	ND	202	101	200	0.105	
DRO >C10-C28*	<10.0	10.0	08/31/2024	ND	199	99.4	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/31/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/05/2024
 Project Name: PURE GOLD A #8 BATTERY
 Project Number: 03B1417196
 Project Location: OXY - EDDY CO NM

Sampling Date: 08/30/2024
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SS 06 0.5 (H245310-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2024	ND	1.92	96.2	2.00	5.17		
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.0	2.00	4.44		
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.87	93.7	2.00	4.11		
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.57	92.9	6.00	4.05		
Total BTEX	<0.300	0.300	08/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2024	ND	202	101	200	0.105	
DRO >C10-C28*	<10.0	10.0	08/31/2024	ND	199	99.4	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/31/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC

Project Manager: Beaux Jennings

Address: 601 N. Marland St. STE 400

City: Midland

State: TX Zip: 79701

Phone #: (210)219-8858

Email: bjennings@ensolum.com

Project #: 05B47196

Project Owner:

Project Name: Pure 600 A # 8 Isotery

Project Location:

Sampler Name: Kaoru Shimada

P.O. #:

Company: OXY USA

Attn: Tyson Pierce

Address:

City:

State:

Zip:

Phone #:

Email:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST				
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			ACID/BASE:	ICE / COOL	OTHER :	BTEX 8021B	TPH 8015M
1124530	3501	0.5	C	1								8-30-24	9:21	X	X	X	
	3502	1	C	1								9:15	9:12	X	X	X	
	3503	1	C	1								9:15	9:12	X	X	X	
	3504	1	C	1								9:15	9:12	X	X	X	
	3505	1	C	1								9:15	9:12	X	X	X	
	3506	0.5	C	1								8-30-24	9:20	X	X	X	

PLEASE NOTE: Liability and Damages: Cardinal's liability and damages are limited to the amount paid by the client for the analysis. All claims, including those for negligence and other damages, shall be limited to the amount paid by the client for the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or accessories arising out of or related to the performance of services provided by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 8/30/24

Received By:

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

Relinquished By:

Date: 11/4/24

Received By:

REMARKS: Paykey/AFF/NonAFE:

All Results are emailed. Please provide Email address: bjennings@ensolum.com, gmcswane@ensolum.com

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

Observed Temp. °C

Corrected Temp. °C

Sample Condition
Cool Intact ☒ Yes ☐ No
Cool Intact ☐ Yes ☐ No

CHECKED BY: (Initials)

Thermostat Time: ☐ Standard ☒ Batch (only Sample Condition)

Thermometer ID #113 #140

Correction Factor -0.0C

Observed Temp. °C

Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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



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

November 13, 2024

GEORGIANA MCSWANE

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PURE GOLD A #8 BATTERY EXCAVATION

Enclosed are the results of analyses for samples received by the laboratory on 11/07/24 16:07.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 GEORGIANA MCSWANE
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/07/2024	Sampling Date:	11/07/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	PURE GOLD A #8 BATTERY EXCAVATION	Sampling Condition:	Cool & Intact
Project Number:	03B1417196	Sample Received By:	Alyssa Parras
Project Location:	LOVING CO., NM		

Sample ID: FS 01 6' (H246823-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2024	ND	2.09	104	2.00	1.38	
Toluene*	<0.050	0.050	11/11/2024	ND	2.15	107	2.00	0.185	
Ethylbenzene*	<0.050	0.050	11/11/2024	ND	2.08	104	2.00	0.199	
Total Xylenes*	<0.150	0.150	11/11/2024	ND	6.59	110	6.00	0.0970	
Total BTX	<0.300	0.300	11/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2024	ND	220	110	200	4.65	
DRO >C10-C28*	<10.0	10.0	11/09/2024	ND	220	110	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	11/09/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

September 19, 2024

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: LEA LAND CALICHE PIT

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/16/2024
 Reported: 09/19/2024
 Project Name: LEA LAND CALICHE PIT
 Project Number: 03B1417160
 Project Location: OXY

Sampling Date: 09/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

BTX 8021B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	98.6	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

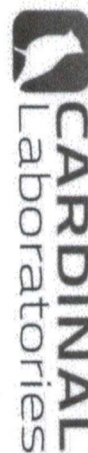
Cardinal Laboratories

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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[illegible]



APPENDIX D

NMOCD Correspondence



Outlook

RE: Sampling Variance Request-Denied - Pure Gold A #8 Battery - nAPP2220161298

From Georgiana McSwane <gmcswane@ensolum.com>
Date Fri 2024-09-06 9:12 AM
To Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Ok. Thank you for your time.

**Georgiana McSwane**

Project Manager

254-459-2338

Ensolum, LLC

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Wednesday, September 4, 2024 2:48 PM
To: Georgiana McSwane <gmcswane@ensolum.com>
Cc: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Subject: FW: Sampling Variance Request-Denied - Pure Gold A #8 Battery - nAPP2220161298

[**EXTERNAL EMAIL**]

Georgiana,

I should be a little more specific on this. This type of notification only applies to final confirmation samples and not delineation samples.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave. | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us<http://www.emnrd.state.nm.us/OCD/>

From: Hamlet, Robert, EMNRD
Sent: Wednesday, September 4, 2024 1:30 PM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; gmcswane@ensolum.com
Subject: Sampling Variance Request-Denied - Pure Gold A #8 Battery - nAPP2220161298

Georgiana,

Both OXY and Ensolum have been warned multiple times recently that this type of variance will no longer be approved. The variance of the 48-hr sampling notification is Denied. Please give at least 2 business day notification for any sampling event. Please include this e-mail correspondence in the remediation and/or closure report.

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



From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Wednesday, September 4, 2024 9:33 AM
To: gmcswane@ensolum.com
Cc: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Sampling Variance Request - Pure Gold A #8 Battery - nAPP2220161298

Good morning, Ms. McSwane

Thank you for submitting the variance request below for the Pure Gold A#8 Battery incident. It is currently under review and a determination on the request will be give once it has been reviewed.

Thank you,

From: Georgiana McSwane <gmcswane@ensolum.com>
Sent: Wednesday, September 4, 2024 8:35 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] Sampling Variance Request - Pure Gold A #8 Battery - nAPP2220161298

You don't often get email from gmcswane@ensolum.com. [Learn why this is important](#)

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

Good Morning,

Oxy is requesting a variance of the 48-hr sampling notification (C-141N) requirements for 6 samples collected at the Pure Gold A #8 Battery (Incident Number nAPP2220161298). Due to last minute staff availability, 6 lateral delineation samples (surrounding the release extent) were collected on Friday August 30th, 2024 at a depth of 0.5 bgs. However, a sampling notification was not submitted for August 30th, 2024. Pending analytical results meeting the applicable Closure Criteria, Oxy requests to present these samples in a closure report.

Following approval of the variance, a C-141N will be submitted via the portal and the correspondence will be included in the final report.

Thank you for your time!



Georgiana McSwane

Project Manager

254-459-2338

Ensolum, LLC

in f 

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 415789

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 415789
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2220161298
Incident Name	NAPP2220161298 PURE GOLD A FEDERAL #8 BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2126656775] PURE GOLD A #8 BATTERY

Location of Release Source

Please answer all the questions in this group.

Site Name	PURE GOLD A FEDERAL #8 BATTERY
Date Release Discovered	07/17/2022
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 for 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: 25 BBL Recovered: 0 BBL Lost: 25 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.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
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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 415789

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 415789
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 06/04/2024
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 415789

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	415789
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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 ½ and 1 (mi.)
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	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	Between 1 and 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	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1840
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	78.9
GRO+DRO (EPA SW-846 Method 8015M)	52.5
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/01/2024
On what date will (or did) the final sampling or liner inspection occur	11/07/2024
On what date will (or was) the remediation complete(d)	11/07/2024
What is the estimated surface area (in square feet) that will be reclaimed	600
What is the estimated volume (in cubic yards) that will be reclaimed	120
What is the estimated surface area (in square feet) that will be remediated	600
What is the estimated volume (in cubic yards) that will be remediated	120
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 4

Action 415789

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	415789
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(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)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 12/30/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 415789

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 415789
	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	No

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QUESTIONS, Page 6

Action 415789

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 415789
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	398708
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/07/2024
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	11080

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	600
What was the total volume (cubic yards) remediated	120
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	600
What was the total volume (in cubic yards) reclaimed	120
Summarize any additional remediation activities not included by answers (above)	N/A

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: 12/30/2024
--	--

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QUESTIONS, Page 7

Action 415789

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 415789
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 415789

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 415789
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	1/3/2025
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	1/3/2025

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QUESTIONS

Action 569967

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 569967
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2220161298
Incident Name	NAPP2220161298 PURE GOLD A FEDERAL #8 BATTERY @ FAPP2126656775
Incident Type	Produced Water Release
Incident Status	Re-vegetation Report Received
Incident Facility	[fAPP2126656775] PURE GOLD A #8 BATTERY

Location of Release Source

Please answer all the questions in this group.

Site Name	PURE GOLD A FEDERAL #8 BATTERY
Date Release Discovered	07/17/2022
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 for 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: 25 BBL Recovered: 0 BBL Lost: 25 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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QUESTIONS, Page 2

Action 569967

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 569967
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Ensolum Company Email: Oxy_Midland@ensolum.com Date: 04/01/2026
--	---

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QUESTIONS, Page 3

Action 569967

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number: 569967
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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 ½ and 1 (mi.)
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	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	Between 1 and 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	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1840
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	78.9
GRO+DRO (EPA SW-846 Method 8015M)	52.5
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/01/2024
On what date will (or did) the final sampling or liner inspection occur	11/07/2024
On what date will (or was) the remediation complete(d)	11/07/2024
What is the estimated surface area (in square feet) that will be reclaimed	600
What is the estimated volume (in cubic yards) that will be reclaimed	120
What is the estimated surface area (in square feet) that will be remediated	600
What is the estimated volume (in cubic yards) that will be remediated	120
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 569967

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	569967
Action Type:	
[C-141] Revegetation Report C-141 (C-141-v-Revegetation)	

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ensolum Company Email: Oxy_Midland@ensolum.com Date: 04/01/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 569967

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 569967
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

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

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Action 569967

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 569967
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	398708
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/07/2024
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	11080

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	600
What was the total volume (cubic yards) remediated	120
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	600
What was the total volume (in cubic yards) reclaimed	120
Summarize any additional remediation activities not included by answers (above)	N/A

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: Ensolum Company Email: Oxy_Midland@ensolum.com Date: 04/01/2026
--	---

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QUESTIONS, Page 7

Action 569967

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 569967
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	600
What was the total volume of replacement material (in cubic yards) for this site	120
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	11/04/2024
Summarize any additional reclamation activities not included by answers (above)	NA
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. 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: Ensolum Company Email: Oxy_Midland@ensolum.com Date: 04/01/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 8

Action 569967

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 569967
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	Yes
What was the total revegetation surface area (in square feet) for this site	6853
<i>Per Paragraph (2) of Subsection D of 19.15.29.13 NMAC the responsible party must reseed disturbed area in the first favorable growing season following closure of the site.</i>	
On what date did the reseeded commence	11/04/2024
On what date was the vegetative cover inspected	10/17/2025
What was the life form ratio compared to pre-disturbance levels	93
What was the total percent plant cover compared to pre-disturbance levels	99
Summarize any additional revegetation activities not included by answers (above)	The total vegetation surface area above accounts for the reseeded areas depicted on Figure 1 in the report based on historical aerial imagery and soil sample locations that met the most stringent closure criteria/reclamation requirements. The lease road was not included in the area as it does not require reseeded at this time. The total percent plant cover in the report is 120%, but the portal only allows you to input up to 99%.
<i>The responsible party must attach information demonstrating they have complied with all applicable re-vegetation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any life form ratio and percent plant cover sampling diagrams or other relevant field notes, photographs of re-vegetated areas, and a narrative of the re-vegetation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. 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: Ensolum Company Email: Oxy_Midland@ensolum.com Date: 04/01/2026
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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Santa Fe, NM 87505

CONDITIONS

Action 569967

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number: 569967
Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)	

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Reclamation and revegetation closure approved. Restoration complete.	8/14/2026