



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.

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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.

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

PROJECT NUMBER: 03B1417196

FIGURE

1

Legend Site Location

0 500 1,000
Feet

Sources: Environmental Systems Research Institute (ESRI)

**Site Vicinity Map**

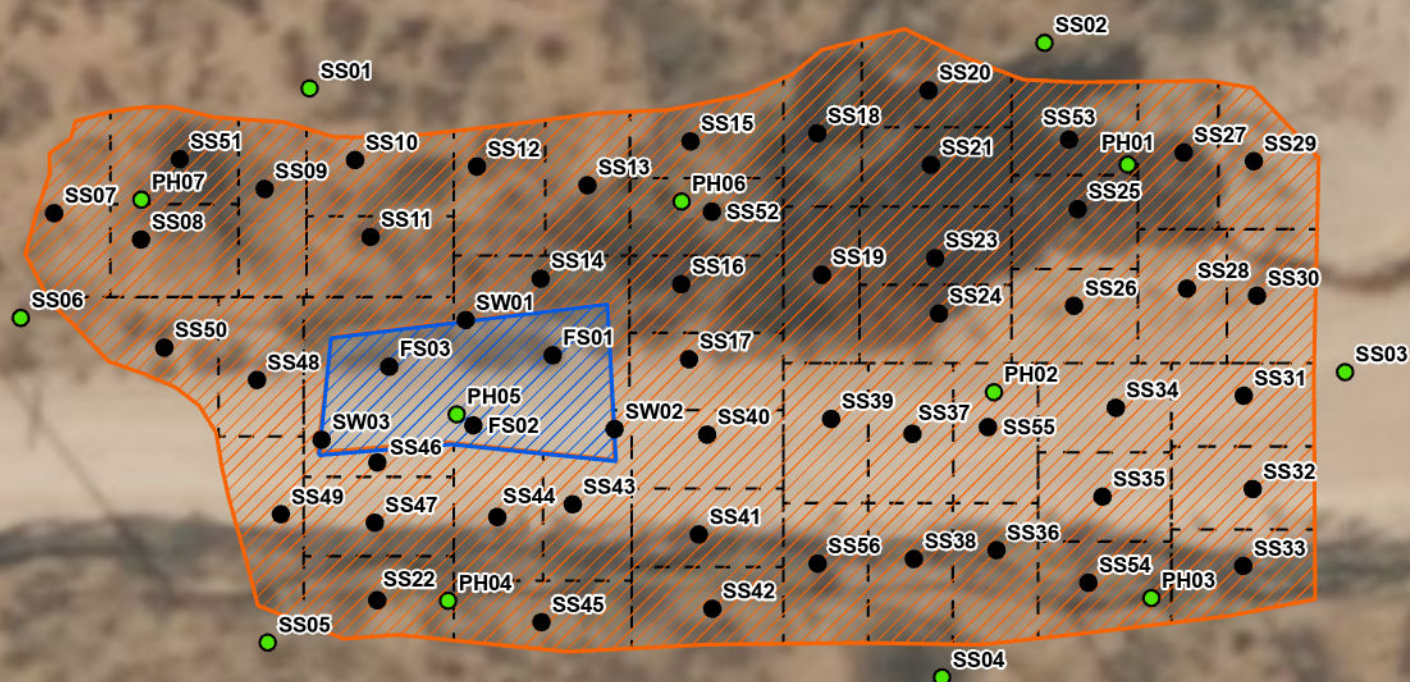
Oxy USA Inc.
Pure Gold A #8 Battery
32.29152° N, 103.78571° W
Eddy County, New Mexico

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

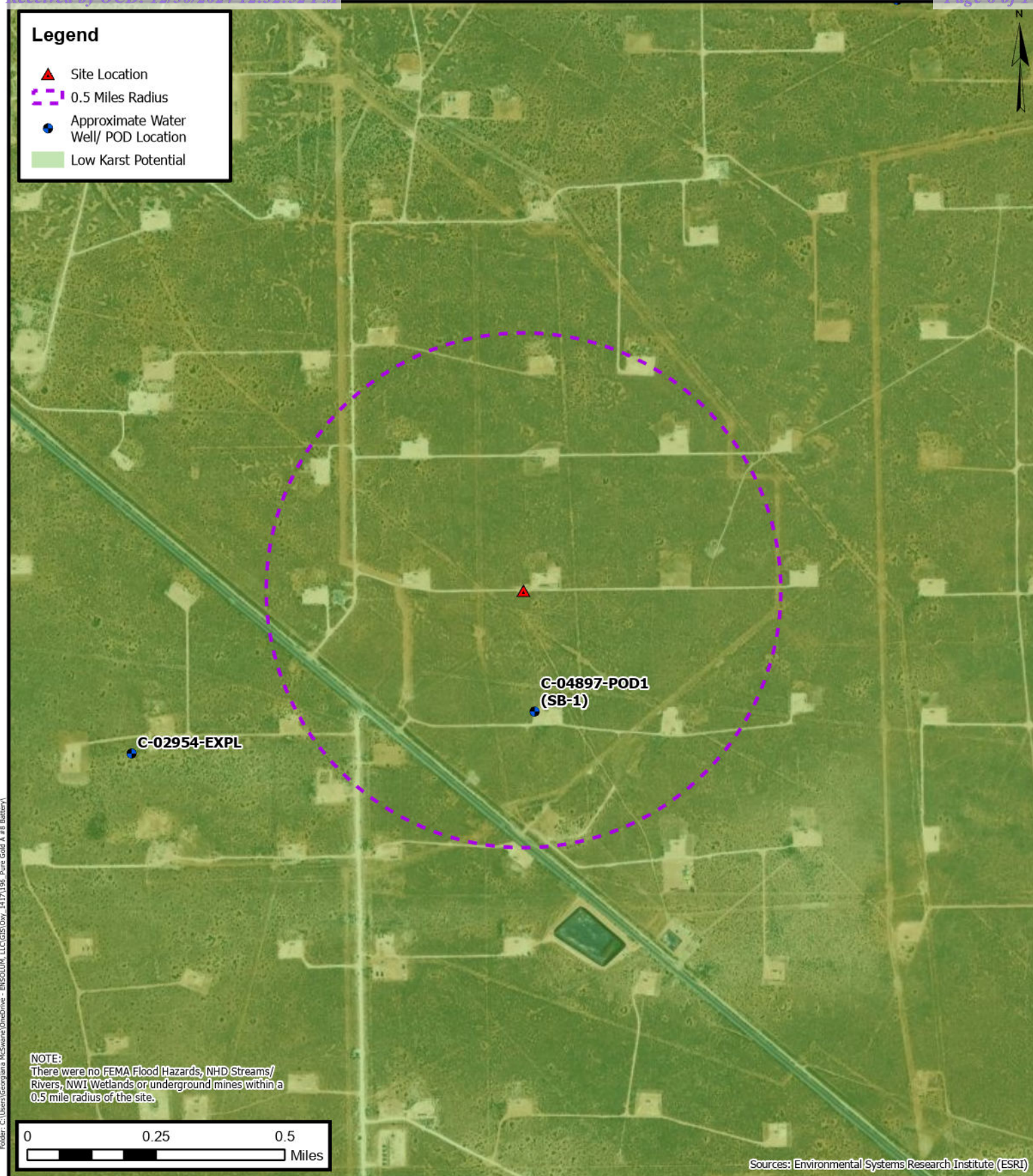
Sources: Environmental Systems Research Institute (ESRI)

**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
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 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

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



18 Apr 2024, 12:05:50 PM

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

North West Elevation

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



18 Apr 2024, 12:05:46 PM

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



21 Jun 2024, 3:11:19 PM

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

North East Elevation

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



21 Jun 2024, 3:11:56 PM

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 Activities
View: Northeast

Date: 7/17/2024



Photograph: 6
Description: Excavation Activities
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". 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: 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)

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	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 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	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)

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, SM4500Cl-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

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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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	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



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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 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



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 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



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 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, 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 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)

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	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



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 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)

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	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, 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 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, 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 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 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 4' (H244001-12)

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	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, 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 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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 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, SM4500Cl-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



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 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, SM4500CI-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, SM4500Cl-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)

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	07/10/2024	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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/09/2024	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



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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 07 0.5' (H244001-19)

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	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 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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 07 2' (H244001-20)

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: 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

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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 07 4' (H244001-21)

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	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 BTEX	<0.300	0.300	07/09/2024	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	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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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

1043

Company Name: Ensolum, LLC

Project Manager: *Hadi Green*

Address: 601 N Marland Street, Suite 400

City: Midland

State: TX Zip: 79701

Phone #: 432-557-8845

Fax #:

Project #: 038147146

Project Owner:

Project Name: *Pure Gold A-48*

Bohner

Project Location: *Edley County, NM*

Sample Name: NKD

Fax #:

BILL TO

P.O. #:

ONY USA, Inc

Attn: Wade P. Kuhn

Address:

City:

State:

Zip:

Phone #

Fax #:

ANALYSIS REQUEST

Project Manager: <u>Hadi Green</u>										P.O. #:	
Address: 601 N Marientfeld Street, Suite 400										<u>DNV USA, Inc</u>	
City: Midland										Address: <u>Attn: Wade Pritchett</u>	
State: TX Zip: 79701											
Phone #: <u>432-557-8845</u>										Address:	
Fax #: <u>0371(47)46</u>										City:	
Project #: <u>0371(47)46</u>										State:	
Project Name: <u>Pure Gold A #8 Foster</u>										Zip:	
Project Location: <u>Edley County, NM</u>										Phone #	
Sampler Name: <u>NKD</u>										Fax #:	
FOR LAB USE ONLY										PRESERV.	
Lab I.D.										SAMPLING	
Sample I.D.											
Depth (feet)											
(G)RAB OR (C)OMP.											
# CONTAINERS											
GROUNDWATER											
WASTEWATER											
SOIL											
OIL											
SLUDGE											
OTHER :											
ACID/BASE:											
ICE / COOL											
OTHER :											
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Relinquished By:

Hadi Green

Date: 7/3/24

Time: 0957

Received By:

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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 #:

Fax #:

Project #:

Project Owner:

Project Name:

State: Zip:

Project Location: *Edgar County, NM*

Sample Name: NKD

Fax #:

BILL TO

ANALYSIS REQUEST

P.O. #:

OK, USA, Inc

Address:

Attn: Wade Brinkley

City:

State:

Zip:

Phone #

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Depth (feet)

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CARDINAL
Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

303

[illegible]



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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
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: 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, 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 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
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, 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	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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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: 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, 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	08/20/2024	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, 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 83.3 % 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
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, SM4500Cl-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, SM4500Cl-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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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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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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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: 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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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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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: 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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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: 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
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: 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, 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 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, 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 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
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: 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, 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 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
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: 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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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: 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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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, SM4500Cl-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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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: 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, 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	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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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: 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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	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
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: 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)

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) 97.2 % 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	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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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: 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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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, 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	08/20/2024	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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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: 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
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: 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, SM4500Cl-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
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: SS37 0.5 (H245001-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 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
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: 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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	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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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: 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, SM4500Cl-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
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: 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, 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 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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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: SS42 0.5 (H245001-36)

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	2.33	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 BTX	<0.300	0.300	08/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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 84.0 % 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
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: 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, 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	08/20/2024	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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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: 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, 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 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, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	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
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: 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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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: 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, 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 85.6 % 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: 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, 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	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



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: 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, 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	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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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: 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, 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	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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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: 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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	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

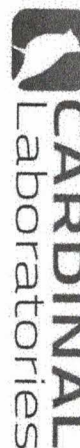


CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

15

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

Company Name: Ensolum, LLC		Project Manager: Beaux Jennings		P.O. #:		BILL TO										ANALYSIS REQUEST									
Address: 601 N. Marland St. STE 400		City: Midland State: TX Zip: 79701		Company: OXY USA																					
Phone #: (210)219-8858		Email: bjennings@ensolum.com		Attn: Wade Dittich																					
Project #: 030417196		Project Owner: Excavated		City: State: Zip:																					
Project Location: 32.2482, -103.7357		Phone #: Email:		PRESERV.																					
Sample Name: Kaoru Shimada		Matrix: GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE		SAMPLING																					
PORTABLE USE ONLY		Lab I.D.		Sample I.D.		Sample Depth (feet)		(G)RAB OR (C)OMP.		# CONTAINERS		DATE		TIME											
120856		5507		0.5		1		1		8-16-24		705		X		BTEX 8021B									
1		5508		1		1		1		706		X		X		TPH 8015M									
2		5509		1		1		1		707		X		X		Chloride 4500									
3		5510		1		1		1		708		X		X		Hold									
4		5511		1		1		1		710		X		X											
5		5512		1		1		1		711		X		X											
6		5513		1		1		1		713		X		X											
7		5514		1		1		1		714		X		X											
8		5515		1		1		1		716		X		X											
9		5516		0.5		1		1		8-16-24		716		X											
10		5517		1		1		1		717		X		X											
11		5518		1		1		1		718		X		X											
12		5519		1		1		1		719		X		X											
13		5520		1		1		1		720		X		X											
14		5521		1		1		1		721		X		X											
15		5522		1		1		1		722		X		X											
16		5523		1		1		1		723		X		X											
17		5524		1		1		1		724		X		X											
18		5525		1		1		1		725		X		X											
19		5526		1		1		1		726		X		X											
20		5527		1		1		1		727		X		X											
21		5528		1		1		1		728		X		X											
22		5529		1		1		1		729		X		X											
23		5530		1		1		1		730		X		X											
24		5531		1		1		1		731		X		X											
25		5532		1		1		1		732		X		X											
26		5533		1		1		1		733		X		X											
27		5534		1		1		1		734		X		X											
28		5535		1		1		1		735		X		X											
29		5536		1		1		1		736		X		X											
30		5537		1		1		1		737		X		X											
31		5538		1		1		1		738		X		X											
32		5539		1		1		1		739		X		X											
33		5540		1		1		1		740		X		X											
34		5541		1		1		1		741		X		X											
35		5542		1		1		1		742		X		X											
36		5543		1		1		1		743		X		X											
37		5544		1		1		1		744		X		X											
38		5545		1		1		1		745		X		X											
39		5546		1		1		1		746		X		X											
40		5547		1		1		1		747		X		X											
41		5548		1		1		1		748		X		X											
42		5549		1		1		1		749		X		X											
43		5550		1		1		1		750		X		X											
44		5551		1		1		1		751		X		X											
45		5552		1		1		1		752		X		X											
46		5553		1		1		1		753		X		X											
47		5554		1		1		1		754		X		X											
48		5555		1		1		1		755		X		X											
49		5556		1		1		1		756		X		X											
50		5557		1		1		1		757		X		X											
51		5558		1		1		1		758		X		X											
52		5559		1		1		1		759		X		X											
53		5560		1		1		1		760		X		X											
54		5561		1		1		1		761		X		X											
55		5562		1		1		1		762		X		X											
56		5563		1		1		1		763		X		X											
57		5564		1		1		1		764		X		X											
58		5565		1		1		1		765		X		X											
59		5566		1		1		1		766		X		X											
60		5567		1		1		1		767		X		X											
61		5568		1		1		1		768		X		X											
62		5569		1		1		1		769		X		X											
63		5570		1		1		1		770		X		X											
64		5571		1		1		1		771		X		X											
65		5572		1		1		1		772		X		X											
66		5573		1		1		1		773		X		X											
67		5574		1		1		1		774		X		X											
68		5575		1		1		1		775		X		X											
69		5576		1		1		1		776		X		X											
70		5577		1		1		1		777		X		X											
71		5578		1		1		1		778		X		X											
72		5579		1		1		1		779		X		X											
73		5580		1		1		1		780		X		X											
74		5581		1		1		1		781		X		X											
75		5582		1		1		1		782		X		X											
76		5583		1		1		1		783		X		X											
77		5584		1		1		1		784		X		X											
78		5585		1		1		1		785		X		X											
79		5586		1		1		1		786		X		X											
80		5587		1		1		1		787		X		X											
81		5588		1		1		1		788		X		X											
82		5589		1		1		1		789		X		X											
83		5590		1		1		1		790		X		X											
84		5591		1		1		1		791		X		X											
85		5592		1		1		1		792		X		X											
86		5593		1		1		1		793		X		X											
87		5594		1		1		1		794		X		X											
88		5595		1		1		1		795		X		X											
89		5596		1		1		1		796		X		X											
90		5597		1		1		1		797		X		X											
91		5598		1		1		1		798		X		X											
92		5599		1		1		1		799		X		X											
93		5600		1		1		1		800		X		X											
94		5601		1		1		1		801		X		X											
95		5602		1		1		1		802		X		X											
96		5603		1		1		1		803		X		X											
97		5604		1		1		1		804		X		X											
98		5605		1		1		1		805		X		X											
99		5606		1		1		1		806		X		X											
100		5607		1		1		1		807		X		X											
101		5608		1		1		1		808		X		X											
102		5609		1		1		1		809		X		X											
103		5610		1		1		1		810		X		X											
104		5611		1		1		1		811		X		X											
105		5612		1		1		1		812		X		X											
106		5613		1		1		1		813		X		X											
107		5614		1		1		1		814		X		X											
108		5615		1		1		1		815		X		X											
109		5616		1		1		1		816		X		X											
110		5617		1		1		1		817		X		X											
111		5618		1		1		1		818		X		X											
112		5619		1		1		1		819		X		X											
113		5620		1		1		1		820		X		X											
114		5621		1		1		1		821		X		X											
115		5622		1		1		1		822		X		X											
116		5623		1		1		1		823		X		X											
117		5624		1		1		1		824		X		X											
118		5625		1		1		1		825		X		X											
119		5626		1		1		1		826		X		X											
120		5627		1		1		1		827		X		X											
121		5628		1		1		1		828		X		X											
122		5629		1		1		1		829		X		X											
123		5630		1		1		1		830		X		X											
124		5631		1		1		1		831		X		X											
125		5632		1		1		1		832		X		X											
126		5633		1		1		1		833		X		X											
127</																									



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2

Company Name: Ensolum, LLC

Project Manager: Beaux Jennings

Address: 601 N. Marlenfield St. STE 400

City: Midland **State:** TX **Zip:** 79701

Phone #: (210)219-8858 **Email:** bjennings@ensolum.com

Project #: 028514196 **Project Owner:**

Project Name: Pare Field A #8 Bottom Excavation

Project Location: 32.29192, -103.78571

Sample Name: Kaoru Shinmada

BILL TO

P.O. #:

Company: OXY USA

Attn: Wade Dittich

Address:

City:

State: **Zip:**

Phone #:

Email:

Lab I.D. H24564

Sample I.D.

Sample Depth (feet)

	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING		
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :
11	5.7	1	X								
12	5.18	1									
13	5.19	1									
14	5.20	1									
15	5.21	1									
16	5.22	1									
17	5.23	1									
18	5.24	1									
19	5.25	1									
20	5.26	1									

Observed Temp. °C 5.8

Corrected Temp. °C 5.2

Sample Condition

COOL ☒ **INTACT** ☒

CHECKED BY: (Initials) SK

Turnaround Time: ☒ Standard ☐ Rush

Thermometer ID: #173 **Observed Temp. °C** 5.8

Correction Factor: -0.02

Remarks: Paykey/AFENonAFE:

Relinquished By: PLMNA Shinmada

Relinquished By: Date: 1/3/24 Time: 13:35

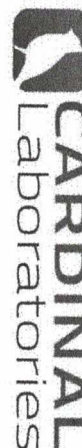
Received By: (Signature) [Signature]

Received By: Date: 1/3/24 Time: 13:35

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

Email: bjennings@ensolum.com, gmcswane@ensolum.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

 $\frac{3}{5}$

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 #: 03044796 Project Owner:				City:							
Project Name: Pure Food A #8 Battery Excavation				State: Zip:							
Project Location: 32.24152, -103.78571				Phone #:							
Sample Name: Kaoru Shinada				Email:							

Lab I.D.		Sample I.D.		Sample Depth (feet)		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX					PRESERV.		SAMPLING		DATE		TIME		BTEX 8021B		TPH 8015M		Chloride 4500		Hold	
H4561																														
21		5527		0.5		1		1		X					8-10-14		737		X		X									
22		5598		1		1		1							738		X		X											
23		5529		1		1		1							739		X		X											
24		5530		1		1		1							741		X		X											
25		5531		1		1		1							1031		X		X											
26		5532		1		1		1							1034		X		X											
27		5533		1		1		1							1035		X		X											
28		5534		1		1		1							1037		X		X											
29		5535		1		1		1							1037		X		X											
30		5536		0.5		1		1							8-10-14		1037		X		X									

Relinquished By: <i>Hand Signed</i>		Date: <i>8/10/14</i>		Received By: <i>Specimen</i>		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
Relinquished By: _____		Date: _____		Received By: _____		All Results are emailed. Please provide Email address: <i>bjennings@ensolum.com, gmcswane@ensolum.com</i>		REMARKS: Paykey/AFF/NonAFE:	

Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C <i>5.8</i>		Corrected Temp. °C <i>5.2</i>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) <i>SR</i>		Thermometer ID: <i>#140</i>		Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition		Rush <input type="checkbox"/> Cool Intact <input type="checkbox"/>		Observed Temp. °C <i>0.0</i>		Thermometer ID: <i>453</i>		Correction Factor: <i>0.0</i>		Yes <input type="checkbox"/> No <input type="checkbox"/>		Corrected Temp. °C	
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC		P.O. #:		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company: OXY USA			
Address: 601 N. Marlenfield St. STE 400		Attn: Wade Dittich			
City: Midland State: TX Zip: 79701		Address:			
Phone #: (210)219-8858 Email: bjennings@ensolum.com		City:			
Project #: 038149196 Project Owner:		State:			
Project Name: Pure Gold A & B Drift Excavation		Zip:			
Project Location: 32.20457, -103.78521		Phone #:			
Sampler Name: Kaoru Shimada		Email:			
FOR LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	
124561	5334	0.5		1	
5338	5338	1			
5339	5339	1			
5340	5340	1			
5341	5341	1			
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC

Project Manager: Beaux Jennings

Address: 601 N. Marland St. STE 400

City: Midland

State: TX Zip: 79701

Phone #: (210)219-8858

Email: bjennings@ensolum.com

Project #:

Project Owner:

Project Name:

Project Location:

Sample Name: Kaoru Shimada

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Sample Depth (feet)

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

BTEX 8021B

TPH 8015M

Chloride 4500

Hold

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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".

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

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

Celey D. Keene, 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, SM4500Cl-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, SM4500CI-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, SM4500Cl-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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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, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	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

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Celey D. Keene, Lab Director/Quality Manager



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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 "C. 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		P.O. #:		BILL TO		ANALYSIS REQUEST															
Project Manager: Beaux Jennings		Company: OXY USA																			
Address: 601 N. Marland St. STE 400		Attn: Wade Dittrich																			
City: Midland State: TX Zip: 79701		Address:																			
Phone #: (210) 219-8858 Email: bjennings@ensolum.com		City:																			
Project #: 038447146 Project Owner:		State:																			
Project Name: Race Field A #3 Battery Expansion		Zip:																			
Project Location:		Phone #:																			
Sample Name: Kaoru Shimada		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	BTEX 8021B	TPH 8015M	Chloride 4500	Hold		
12440710	F501	4	X	1	X									8-15-24	1232	X	X	X			
1	F502	4		1										8-15-24	1234						
2	F503	4		1										8-15-24	1208						
3	SW01	0.4		1										8-15-24	1458						
4	SW02	0.4		1										8-15-24	1232	X	X	X			
5	SW03	0.4		1										8-15-24	1232	X	X	X			
6	SW03	0.4		1										8-15-24	1232	X	X	X			
<small>PLEASE NOTE: Liability and Damage. Customer's liability and damage is limited to the amount paid by the client for the sample. All claims including those for negligence and any other claims whatsoever shall be submitted to the client within 30 days after completion of the applicable service. No event shall Cardinal be held liable for negligence or any other claims whatsoever without limitation, business interruption, 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 rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																					
Relinquished By: <i>[Signature]</i>		Date: _____		Received By: <i>[Signature]</i>		Date: _____		Time: _____		Time: _____		Time: _____		Time: _____		Time: _____		Time: _____		Time: _____	
Relinquished By: _____		Date: _____		Received By: _____		Date: _____		Time: _____		Time: _____		Time: _____		Time: _____		Time: _____		Time: _____		Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials)		Thermometer ID #445 Correction Factor -0.3°C		Standard Observed Temp. °C		Backfill (only) Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C	
FORM-006 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

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 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



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 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



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 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

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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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

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 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

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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".

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. Marland St. STE 400				Company: OXY USA																												
City: Midland State: TX Zip: 79701				Attn: Wade Dittrich																												
Phone #: (210)219-8858 Email: bjennings@ensolum.com				Address:																												
Project #: 03B1417160 Project Owner:				City:																												
Project Name: Lea Land Caliche Pit				State:																												
Project Location:				Zip:																												
Sample Name: Kaoru Shimada				Phone #:																												
FOR LAB USE ONLY				Email:																												
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.	SAMPLING																								
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME																	
H245749	Lea Land Caliche Pit	0.5	C	1	X									9-15-24	10:41	X	X	X														
<div style="text-align: center; font-size: 2em; font-weight: bold;">RECEIVED</div>																	BTEX 8021B				TPH 8015M				Chloride 4500				Hold			
REMARKS: Paykey/AFFENAFEE:																																
Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Adm Phone #:																																
All Results are emailed. Please provide Email address:																																
REMARKS: Paykey/AFFENAFEE:																																
Thermometer ID: #1140																																
Correction Factor: -0.6°C																																
Thermometer ID: #1140																																
Correction Factor: -0.6°C																																



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 given 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 

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Phone: (505) 476-3441

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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.

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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
--	---

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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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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:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	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