



ENSOLUM

November 21, 2025

New Mexico Oil Conservation Division

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

Re: Remediation Completion Report

West Blinebry Drinkard Unit #063
Lea County, New Mexico
Hilcorp Energy Company
NMOCD Incident No: nLWJ0902260084

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents the following *Remediation Completion Report* detailing remediation and soil sampling activities completed at the West Blinebry Drinkard Unit #063 well pad (Site). The Site is located on New Mexico State Land Office (NMSLO) managed land in Unit D, Section 16, Township 21 South, Range 37 East, Lea County New Mexico (Figure 1). Assessment soil sampling, remediation, and confirmation soil sampling activities were conducted at the Site to address an unresolved incident from 2009, following an asset sale from Apache Corporation (Apache) to Hilcorp. Based on the details provided in this report, Hilcorp is requesting closure of Incident No. nLWJ0902260084.

RELEASE BACKGROUND

On January 17, 2009, a stuffing box leak at the wellhead resulted in the release of approximately 30 barrels (bbls) of crude oil onto the surrounding well pad. According to New Mexico Oil Conservation Division (NMOCD) records, approximately 15 bbls of crude oil was recovered during initial cleanup efforts. The release was assigned Incident No. nLWJ0902260084. According to NMOCD well records, the operator at the time of the release (Apache) did not submit a C-141, and no imaged documents are available in the NMOCD database. Following the operator change from Apache to Hilcorp, and subsequent change of incident responsibility, additional Site investigation was warranted to identify any constituents of concern (COC) remaining at the Site related to this release.

SITE DESCRIPTION AND CLOSURE CRITERIA

Ensolum characterized the Site to determine applicability of 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). Depth to groundwater at the Site is estimated to be between 50 feet and 100 feet below ground surface (bgs) based on the nearest groundwater well data; however, well data available through the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) does not meet NMOCD requirements for depth to groundwater determination due to outdated well records.

The closest significant watercourse to the Site is an unnamed drainage located approximately 1,350 feet to the east-southeast 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,

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants

848 East 2nd Ave | Durango, CO 81301 | ensolum.com

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 located in a low potential karst area. Figure 2 shows the Site in relation to the above potential receptors.

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply for the following COC:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH) as gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO): 100 mg/kg
- Chloride: 600 mg/kg

ASSESSMENT SOIL SAMPLING

On August 21, 2025, Ensolum personnel visited the Site to assess Site conditions and identify any remaining impacts to soil related to the stuffing box release. Due to the lack of information regarding the release extent, five hand auger boreholes (CS01 through CS05) were progressed around the active pump jack and well head to depths of 0.5 to 2 feet bgs. Refusal was encountered at 0.5 feet bgs at two of the boreholes (CS01 and CS05) and only one sample was collected at these locations at the terminus of the boring. Refusal was encountered at 1-foot bgs at one location (CS03) and samples were collected at 0.5 feet and 1-foot bgs. Samples were collected at 0.5 or 1-foot and 2 feet bgs at the remaining two borehole locations. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The assessment soil sample locations are presented on Figure 2.

The assessment soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Environmental Analysis Laboratory (Eurofins) in Midland, Texas, for analysis of the following constituents of concern (COC): TPH-GRO, TPH-DRO, and TPH-ORO/MRO following United States Environmental Protection Agency (EPA) Method 8015B and chloride following EPA Method 300.0.

Laboratory analytical results for assessment soil samples from borehole CS02, collected at depths of 1-foot and 2 feet bgs east of the wellhead, indicated chloride concentrations exceeded Site Closure Criteria with concentrations of 1,960 mg/kg and 2,180 mg/kg, respectively. In addition, assessment soil samples from borehole CS04, collected at depths of 0.5 feet and 2 feet bgs north of the pumpjack, indicated chloride concentrations exceeded the Site Closure Criteria with concentrations of 1,190 mg/kg and 761 mg/kg, respectively. The soil sample laboratory analytical results are summarized on Table 1, and the complete laboratory analytical reports are included as Appendix A.

EXCAVATION ACTIVITIES

Elevated chloride was identified in two separate areas of the well pad during the assessment soil sampling activities, north of the pump jack at soil sample location CS04, and east of the well head at soil sample location CS02 (Figure 2). Hilcorp proceeded with excavation activities at these two locations until laboratory analytical results indicated composite soil samples were in compliance with Closure Criteria. Sampling notifications were submitted to the NMOCD prior to sampling events and are included as Appendix B.

On October 13, 2025, one composite floor sample, FS01, collected from a depth of 3 feet bgs, and one composite sidewall sample, SW01, collected at depths ranging from 0 to 3 feet bgs, were collected from the excavation north of the pump jack (Excavation 1). In addition, two composite floor samples, FS02 and FS03, collected from a depth of 4 feet bgs, and two composite sidewall samples, SW02 and SW03, collected at depths ranging from 0 to 4 feet bgs, were collected from the excavation east of the well head (Excavation 2). The 5-point composite samples were collected by placing five equivalent aliquots of soil into 1resealable plastic bags and homogenizing the samples by thoroughly mixing. Soil samples were screened for VOCs and chloride following the same methods described above. Composite soil samples from the October 13th sampling event were transported to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico for analysis of BTEX following EPA Method 8021B, TPH and chloride. Samples were handled following the same methods described above.

Laboratory analytical results indicated that composite soil samples FS01 and SW02, collected from Excavation 1, exceeded Closure Criteria for chloride, with concentrations of 848 mg/kg and 1,170 mg/kg, respectively. In addition, composite sidewall SW03, collected from the north and east walls of Excavation 2, exceeded Closure Criteria for chloride, with a concentration of 2,100 mg/kg. All other soil samples collected were in compliance with Closure Criteria.

On October 20, 2025, additional soil was excavated from the floor and sidewalls of Excavation 1 and composite floor samples FS01 and FS04 were collected from a depth of 4 feet bgs. On October 24, 2025, additional soil was excavated from the sidewalls of Excavation 1 and composite sidewall samples SW01 and SW04 were collected from depths ranging from 0 to 4 feet bgs. In addition, to meet the 200 square foot sampling requirement, a third composite floor sample, FS05, was collected from a depth of 4 feet bgs. Additional soil was removed from the north and east walls of Excavation 2 and composite sidewall sample, SW03 was collected from depths ranging from 0 to 4 feet bgs. Composite soil samples collected during these events were field screened for VOCs and chloride following the same methods described above and transported and handled following the same procedures described above to Cardinal, for analysis of BTEX, TPH and chloride.

Laboratory analytical results indicated all composite floor and sidewall samples collected from Excavation 1 were in compliance with Site Closure Criteria, and no additional remediation was required at this location. The final excavation extent of Excavation 1 was approximately 590 square feet and 4 feet deep. Laboratory analytical results indicated composite soil sample SW03, collected from the north and east sidewalls of Excavation 2, exceeded closure criteria for chloride with a concentration of 624 mg/kg.

On November 13, 2025, the north and east walls of Excavation 2 were expanded. Composite sidewall sample SW05, collected from depths ranging from 0 to 4 feet bgs and composite floor samples, FS05 and FS06, collected from a depth of 2 feet bgs were field screened for VOCs and chloride following the same methods described above. The samples were handled and transported to Cardinal following the same procedures described above and analyzed for BTEX, TPH and chloride.

Laboratory analytical results from the November 13th sampling event indicated that all composite floor and sidewall samples collected from Excavation 2 were in compliance with Site Closure Criteria, and no additional remediation was required. The final excavation extent of Excavation 2 was approximately 655 square feet and 2 feet to 4 feet deep. Excavation extents and sampling locations are presented on Figure 3. The soil sample laboratory analytical results are summarized on Table 1, and the complete laboratory analytical reports are included as Appendix A. A photographic log, documenting excavation activities and sampling events, is provided as Appendix C.

CONCLUSIONS AND CLOSURE REQUEST

Delineation and excavation soil sampling activities conducted by Ensolum, and subsequent analytical results indicated all COC related to the 2009 release have been remediated. Confirmation soil samples collected from the final excavation extents at a frequency of one sample per 200 square feet indicate that all soil samples are compliant with the applicable NMOCD Table I Closure Criteria and the reclamation requirement. Based on the results presented in this report, remedial actions taken at the Site have successfully protected human health, the environment and groundwater, and therefore, Hilcorp requests closure of incident No. nLWJ0902260084.

We appreciate the opportunity to provide this report to the NMOCD. If you should have any questions or comments regarding this document, please contact the undersigned.

Sincerely,

ENSOLUM, LLC



Reece Hanson
Project Geologist
(970) 210-9803
rhanson@ensolum.com



Devin Hencmann
Associate Principal Geologist
(970) 403-6023
dhencmann@ensolum.com

cc: William Ginn, Hilcorp Energy Company

Attachments:

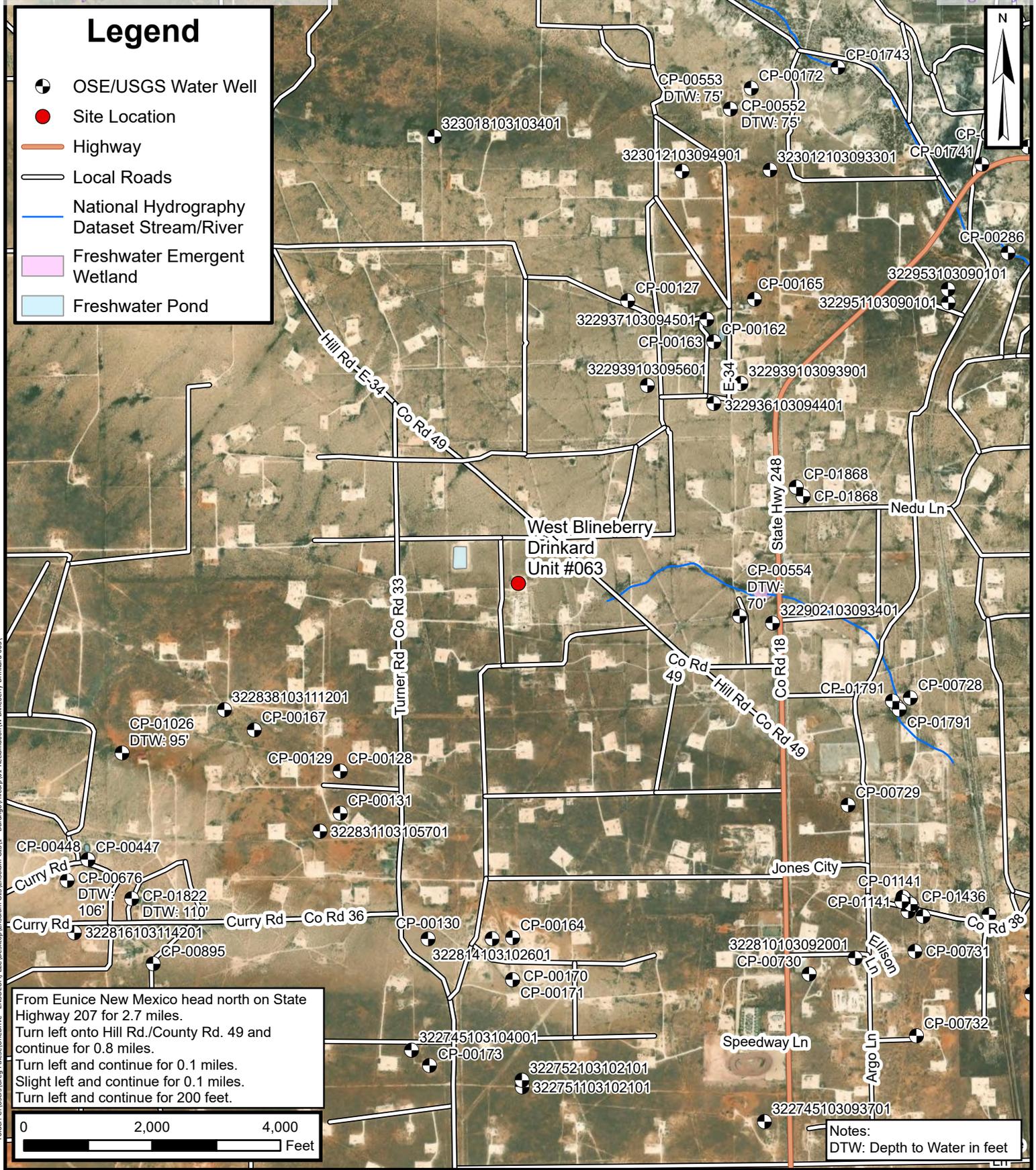
- Figure 1: Site Location Map
- Figure 2: Investigation Soil Sample Locations
- Figure 3: Excavation Soil Sample Locations

- Table 1: Soil Sample Analytical Results

- Appendix A: Laboratory Analytical Reports
- Appendix B: NMOCD Sampling Notifications
- Appendix C: Photographic Log



FIGURES



Legend

- OSE/USGS Water Well
- Site Location
- Highway
- Local Roads
- National Hydrography Dataset Stream/River
- Freshwater Emergent Wetland
- Freshwater Pond

From Eunice New Mexico head north on State Highway 207 for 2.7 miles.
 Turn left onto Hill Rd./County Rd. 49 and continue for 0.8 miles.
 Turn left and continue for 0.1 miles.
 Slight left and continue for 0.1 miles.
 Turn left and continue for 200 feet.



Notes:
 DTW: Depth to Water in feet

ENSOLUM
 Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

West Blinebry Drinkard Unit #063
Hilcorp Energy Company

32.4858551, -103.1726608
 Lea County, New Mexico

FIGURE
1

Legend

- Assessment Soil Sample in Compliance with NMOCD Table 1 Closure Criteria
- Assessment Soil Sample Exceeding NMOCD Table 1 Closure Criteria



CS04@0.5'
Cl: **1,190**

CS04@2'
Cl: **761**

CS05@0.5'
Cl: 212

CS01@0.5'
Cl: 12.3

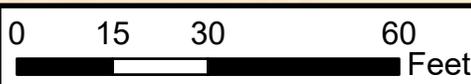
CS02@0.5'
Cl: **1,960**

CS02@2'
Cl: **2,180**

CS03@0.5'
Cl: 340

CS03@1'
Cl: 180

Notes:
Sample ID @ Depth Below Ground Surface in Feet
Cl: Chloride in Milligrams per Kilogram (mg/kg)
Bold: Indicates Results Exceed NMOCD Table 1 Closure Criteria
NMOCD: New Mexico Oil Conservation Division



Default Folder: C:\Users\Greg Palese\OneDrive - ENSOLUM, LLC\Desktop\ENSOLUM GIS1 - Durango\Hilcorp01 Reclamation\W Blinebry Drinkard 063



Investigation Soil Sample Locations

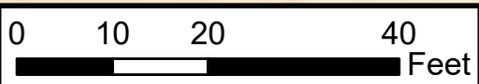
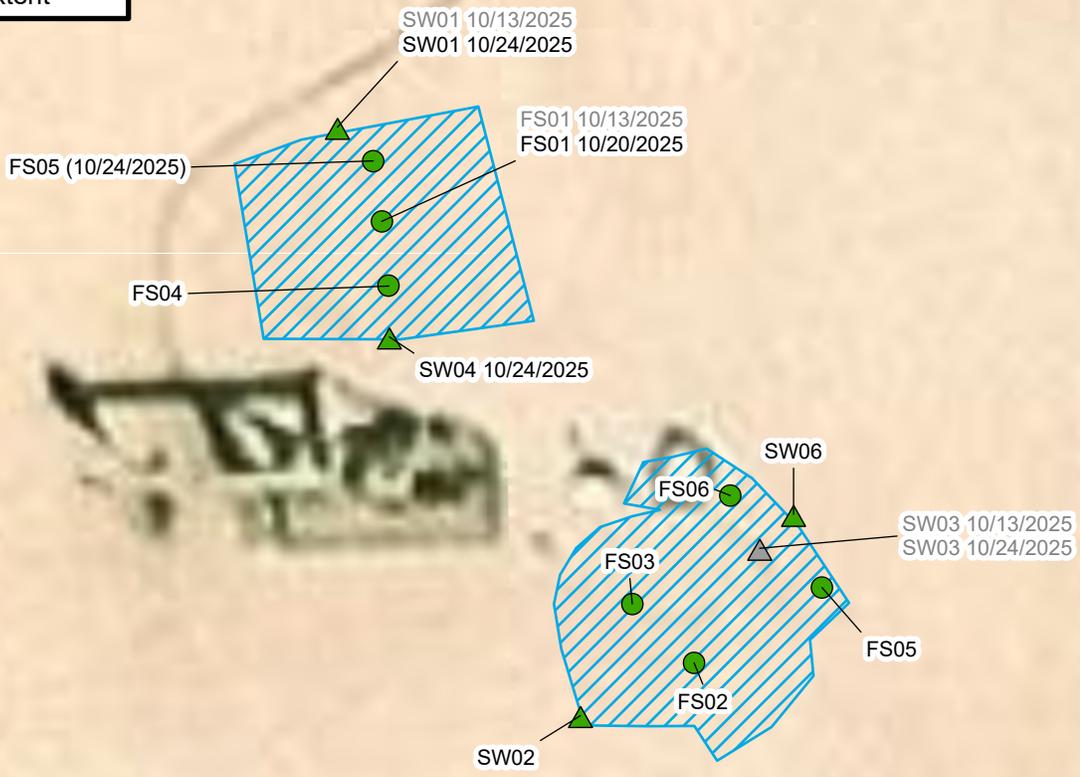
West Blinebry Drinkard Unit #063
Hilcorp Energy Company

32.4858551, -103.1726608
Lea County, New Mexico

FIGURE
2

Legend

-  Excavation Sidewall Sample in Compliance with NMOCD Table 1 Closure Criteria
-  Excavation Floor Samples in Compliance with NMOCD Table 1 Closure Criteria
-  Excavation Sidewall Sample that was Removed During Excavation
-  Excavation Extent



Notes:
 Grey Indicates Sample was Removed during Excavation Activities
 NMOCD: New Mexico Oil Conservation Division



Excavation Soil Sample Locations

West Blinebry Drinkard Unit #063
 Hilcorp Energy Company

32.4858551, -103.1726608
 Lea County, New Mexico

FIGURE
3



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS West Blinbry Drinkard Unit #063 Hilcorp Energy Corporation Lea County, New Mexico												
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 ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	NE	NE	NE	50	NE	NE	NE	100	600
Assessment Soil Samples												
CS01	8/21/2025	0.5'	--	--	--	--	--	<49.9 U	<49.9 U	<49.9 U	<49.9 U	12.3
CS02	8/21/2025	0.5'	--	--	--	--	--	<50.0 U	<50.0 U	<50.0 U	<50.0 U	1,960
CS02	8/21/2025	2'	--	--	--	--	--	<50.0 U	<50.0 U	<50.0 U	<50.0 U	2,180
CS03	8/21/2025	0.5'	--	--	--	--	--	<49.8 U	<49.8 U	<49.8 U	<49.8 U	340
CS03	8/21/2025	1'	--	--	--	--	--	<50.0 U	<50.0 U	<50.0 U	<50.0 U	180
CS04	8/21/2025	0.5'	--	--	--	--	--	<49.8 U	<49.8 U	<49.8 U	<49.8 U	1,190
CS04	8/21/2025	2'	--	--	--	--	--	<49.9 U	<49.9 U	<49.9 U	<49.9 U	761
CS05	8/21/2025	0.5'	--	--	--	--	--	<50.0 U	<50.0 U	<50.0 U	<50.0 U	212
Excavation Soil Samples - North Excavation												
FS01	10/13/2025	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	848
FS01	10/20/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
FS04	10/20/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
FS05	10/24/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
SW01	10/13/2025	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,170
SW01	10/24/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
SW04	10/24/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	560
Excavation Soil Samples - South Excavation												
FS02	10/13/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512
FS03	10/13/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	592
FS05	11/13/2025	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
FS06	11/13/2025	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
SW02	10/13/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
SW03	10/13/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,100
SW03	10/24/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	624
SW05	11/13/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
Excavation Backfill Sample												
BF01	10/02/202	--	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352

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
 NE: Not Established
 < - Indicates result is below laboratory reporting limits
 U: Indicates the analyte was analyzed but not detected

GRO: Gasoline Range Organics
 DRO: Diesel Range Organics
 ORO: Oil Range Organics
 TPH: Total Petroleum Hydrocarbon
 < : Indicates result less than the stated laboratory reporting limit
 Grey text represents samples that have been excavated



APPENDIX A

Laboratory Analytical Results



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Hencmann
 Ensolum
 601 N. Marienfeld St.
 Suite 400
 Midland, Texas 79701

Generated 8/27/2025 9:43:12 AM

JOB DESCRIPTION

West Blinebry Drinkard Unit #063
 07A1988323

JOB NUMBER

880-61815-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
8/27/2025 9:43:12 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client: Ensolum
Project/Site: West Blinebry Drinkard Unit #063

Laboratory Job ID: 880-61815-1
SDG: 07A1988323

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Method Summary	19
Sample Summary	20
Chain of Custody	21
Receipt Checklists	22

Definitions/Glossary

Client: Ensolum
Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
SDG: 07A1988323

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ensolum
Project: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1

Job ID: 880-61815-1

Eurofins Midland

Job Narrative 880-61815-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/22/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland



Client Sample Results

Client: Ensolum
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

Client Sample ID: CS01

Lab Sample ID: 880-61815-1

Date Collected: 08/21/25 14:50

Matrix: Solid

Date Received: 08/22/25 09:10

Sample Depth: 0.5'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	50.0		mg/Kg			08/26/25 13:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 13:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 13:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 13:15	1
Total TPH	<49.9	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	08/22/25 09:30	08/26/25 13:15	1
o-Terphenyl	82		70 - 130	08/22/25 09:30	08/26/25 13:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		10.0		mg/Kg			08/25/25 15:15	1

Client Sample ID: CS02

Lab Sample ID: 880-61815-2

Date Collected: 08/21/25 14:56

Matrix: Solid

Date Received: 08/22/25 09:10

Sample Depth: 0.5'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/26/25 19:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 19:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 19:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 19:45	1
Total TPH	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	08/22/25 09:30	08/26/25 19:45	1
o-Terphenyl	80		70 - 130	08/22/25 09:30	08/26/25 19:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1960		10.0		mg/Kg			08/25/25 15:32	5

Client Sample Results

Client: Ensolium
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

Client Sample ID: CS02

Lab Sample ID: 880-61815-3

Date Collected: 08/21/25 16:21

Matrix: Solid

Date Received: 08/22/25 09:10

Sample Depth: 2'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/26/25 20:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:01	1
Total TPH	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	08/22/25 09:30	08/26/25 20:01	1
o-Terphenyl	76		70 - 130	08/22/25 09:30	08/26/25 20:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2180		10.0		mg/Kg			08/25/25 15:37	5

Client Sample ID: CS03

Lab Sample ID: 880-61815-4

Date Collected: 08/21/25 15:15

Matrix: Solid

Date Received: 08/22/25 09:10

Sample Depth: 0.5'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	50.0		mg/Kg			08/26/25 20:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:16	1
Total TPH	<49.8	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	08/22/25 09:30	08/26/25 20:16	1
o-Terphenyl	80		70 - 130	08/22/25 09:30	08/26/25 20:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	340		10.0		mg/Kg			08/25/25 15:43	1

Client Sample Results

Client: Ensolium
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

Client Sample ID: CS03

Lab Sample ID: 880-61815-5

Date Collected: 08/21/25 15:45
 Date Received: 08/22/25 09:10
 Sample Depth: 1'

Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/26/25 20:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:47	1
Total TPH	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 20:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	08/22/25 09:30	08/26/25 20:47	1
o-Terphenyl	79		70 - 130	08/22/25 09:30	08/26/25 20:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		10.0		mg/Kg			08/25/25 15:49	1

Client Sample ID: CS04

Lab Sample ID: 880-61815-6

Date Collected: 08/21/25 15:20
 Date Received: 08/22/25 09:10
 Sample Depth: 0.5'

Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	50.0		mg/Kg			08/26/25 21:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:02	1
Total TPH	<49.8	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	08/22/25 09:30	08/26/25 21:02	1
o-Terphenyl	77		70 - 130	08/22/25 09:30	08/26/25 21:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1190		10.0		mg/Kg			08/25/25 16:06	5

Client Sample Results

Client: Ensolium
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

Client Sample ID: CS04

Lab Sample ID: 880-61815-7

Date Collected: 08/21/25 16:00

Matrix: Solid

Date Received: 08/22/25 09:10

Sample Depth: 2'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	50.0		mg/Kg			08/26/25 21:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:18	1
Total TPH	<49.9	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	08/22/25 09:30	08/26/25 21:18	1
o-Terphenyl	79		70 - 130	08/22/25 09:30	08/26/25 21:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	761		10.0		mg/Kg			08/25/25 16:11	1

Client Sample ID: CS05

Lab Sample ID: 880-61815-8

Date Collected: 08/21/25 15:25

Matrix: Solid

Date Received: 08/22/25 09:10

Sample Depth: 0.5'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/26/25 21:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:33	1
Total TPH	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	08/22/25 09:30	08/26/25 21:33	1
o-Terphenyl	77		70 - 130	08/22/25 09:30	08/26/25 21:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		10.0		mg/Kg			08/25/25 16:17	1

Surrogate Summary

Client: Ensolum
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-61815-1	CS01	81	82
880-61815-1 MS	CS01	92	85
880-61815-1 MSD	CS01	75	83
880-61815-2	CS02	80	80
880-61815-3	CS02	77	76
880-61815-4	CS03	80	80
880-61815-5	CS03	80	79
880-61815-6	CS04	78	77
880-61815-7	CS04	80	79
880-61815-8	CS05	77	77
LCS 880-117346/2-A	Lab Control Sample	111	105
LCSD 880-117346/3-A	Lab Control Sample Dup	89	101
MB 880-117346/1-A	Method Blank	91	94

Surrogate Legend
 1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Ensolum
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-117346/1-A
 Matrix: Solid
 Analysis Batch: 117571

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 117346

Analyte	MB Result	MB Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 11:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 11:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 11:20	1
Total TPH	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	08/22/25 09:30	08/26/25 11:20	1
o-Terphenyl	94		70 - 130	08/22/25 09:30	08/26/25 11:20	1

Lab Sample ID: LCS 880-117346/2-A
 Matrix: Solid
 Analysis Batch: 117571

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 117346

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1047		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1061		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: LCSD 880-117346/3-A
 Matrix: Solid
 Analysis Batch: 117571

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 117346

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1026		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1055		mg/Kg		105	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 880-61815-1 MS
 Matrix: Solid
 Analysis Batch: 117571

Client Sample ID: CS01
 Prep Type: Total/NA
 Prep Batch: 117346

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	880.0		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	862.0		mg/Kg		83	70 - 130

Eurofins Midland

QC Sample Results

Client: Ensolum
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-61815-1 MS
 Matrix: Solid
 Analysis Batch: 117571

Client Sample ID: CS01
 Prep Type: Total/NA
 Prep Batch: 117346

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 880-61815-1 MSD
 Matrix: Solid
 Analysis Batch: 117571

Client Sample ID: CS01
 Prep Type: Total/NA
 Prep Batch: 117346

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	861.1		mg/Kg		86	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	893.5		mg/Kg		86	70 - 130	4	20	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	83		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117435/1-A
 Matrix: Solid
 Analysis Batch: 117517

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/25/25 14:58	1

Lab Sample ID: LCS 880-117435/2-A
 Matrix: Solid
 Analysis Batch: 117517

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	228.4		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-117435/3-A
 Matrix: Solid
 Analysis Batch: 117517

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	250	225.7		mg/Kg		90	90 - 110	1	20

Lab Sample ID: 880-61815-1 MS
 Matrix: Solid
 Analysis Batch: 117517

Client Sample ID: CS01
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12.3		249	246.0		mg/Kg		94	90 - 110

Eurofins Midland

QC Sample Results

Client: Ensolum
Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
SDG: 07A1988323

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-61815-1 MSD
Matrix: Solid
Analysis Batch: 117517

Client Sample ID: CS01
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.3		249	240.9		mg/Kg		92	90 - 110	2	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Association Summary

Client: Ensolum
Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
SDG: 07A1988323

GC Semi VOA

Prep Batch: 117346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61815-1	CS01	Total/NA	Solid	8015NM Prep	
880-61815-2	CS02	Total/NA	Solid	8015NM Prep	
880-61815-3	CS02	Total/NA	Solid	8015NM Prep	
880-61815-4	CS03	Total/NA	Solid	8015NM Prep	
880-61815-5	CS03	Total/NA	Solid	8015NM Prep	
880-61815-6	CS04	Total/NA	Solid	8015NM Prep	
880-61815-7	CS04	Total/NA	Solid	8015NM Prep	
880-61815-8	CS05	Total/NA	Solid	8015NM Prep	
MB 880-117346/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117346/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117346/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61815-1 MS	CS01	Total/NA	Solid	8015NM Prep	
880-61815-1 MSD	CS01	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61815-1	CS01	Total/NA	Solid	8015B NM	117346
880-61815-2	CS02	Total/NA	Solid	8015B NM	117346
880-61815-3	CS02	Total/NA	Solid	8015B NM	117346
880-61815-4	CS03	Total/NA	Solid	8015B NM	117346
880-61815-5	CS03	Total/NA	Solid	8015B NM	117346
880-61815-6	CS04	Total/NA	Solid	8015B NM	117346
880-61815-7	CS04	Total/NA	Solid	8015B NM	117346
880-61815-8	CS05	Total/NA	Solid	8015B NM	117346
MB 880-117346/1-A	Method Blank	Total/NA	Solid	8015B NM	117346
LCS 880-117346/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117346
LCSD 880-117346/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117346
880-61815-1 MS	CS01	Total/NA	Solid	8015B NM	117346
880-61815-1 MSD	CS01	Total/NA	Solid	8015B NM	117346

Analysis Batch: 117644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61815-1	CS01	Total/NA	Solid	8015 NM	
880-61815-2	CS02	Total/NA	Solid	8015 NM	
880-61815-3	CS02	Total/NA	Solid	8015 NM	
880-61815-4	CS03	Total/NA	Solid	8015 NM	
880-61815-5	CS03	Total/NA	Solid	8015 NM	
880-61815-6	CS04	Total/NA	Solid	8015 NM	
880-61815-7	CS04	Total/NA	Solid	8015 NM	
880-61815-8	CS05	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 117435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61815-1	CS01	Soluble	Solid	DI Leach	
880-61815-2	CS02	Soluble	Solid	DI Leach	
880-61815-3	CS02	Soluble	Solid	DI Leach	
880-61815-4	CS03	Soluble	Solid	DI Leach	
880-61815-5	CS03	Soluble	Solid	DI Leach	
880-61815-6	CS04	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Ensolum
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

HPLC/IC (Continued)

Leach Batch: 117435 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61815-7	CS04	Soluble	Solid	DI Leach	
880-61815-8	CS05	Soluble	Solid	DI Leach	
MB 880-117435/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117435/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117435/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61815-1 MS	CS01	Soluble	Solid	DI Leach	
880-61815-1 MSD	CS01	Soluble	Solid	DI Leach	

Analysis Batch: 117517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61815-1	CS01	Soluble	Solid	300.0	117435
880-61815-2	CS02	Soluble	Solid	300.0	117435
880-61815-3	CS02	Soluble	Solid	300.0	117435
880-61815-4	CS03	Soluble	Solid	300.0	117435
880-61815-5	CS03	Soluble	Solid	300.0	117435
880-61815-6	CS04	Soluble	Solid	300.0	117435
880-61815-7	CS04	Soluble	Solid	300.0	117435
880-61815-8	CS05	Soluble	Solid	300.0	117435
MB 880-117435/1-A	Method Blank	Soluble	Solid	300.0	117435
LCS 880-117435/2-A	Lab Control Sample	Soluble	Solid	300.0	117435
LCSD 880-117435/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117435
880-61815-1 MS	CS01	Soluble	Solid	300.0	117435
880-61815-1 MSD	CS01	Soluble	Solid	300.0	117435

Lab Chronicle

Client: Ensolum
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

Client Sample ID: CS01

Lab Sample ID: 880-61815-1

Date Collected: 08/21/25 14:50

Matrix: Solid

Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	117644	SA	EET MID	08/26/25 13:15
Total/NA	Prep	8015NM Prep			117346	EL	EET MID	08/22/25 09:30
Total/NA	Analysis	8015B NM		1	117571	TKC	EET MID	08/26/25 13:15
Soluble	Leach	DI Leach			117435	SI	EET MID	08/25/25 09:04
Soluble	Analysis	300.0		1	117517	CS	EET MID	08/25/25 15:15

Client Sample ID: CS02

Lab Sample ID: 880-61815-2

Date Collected: 08/21/25 14:56

Matrix: Solid

Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	117644	SA	EET MID	08/26/25 19:45
Total/NA	Prep	8015NM Prep			117346	EL	EET MID	08/22/25 09:30
Total/NA	Analysis	8015B NM		1	117571	TKC	EET MID	08/26/25 19:45
Soluble	Leach	DI Leach			117435	SI	EET MID	08/25/25 09:04
Soluble	Analysis	300.0		5	117517	CS	EET MID	08/25/25 15:32

Client Sample ID: CS02

Lab Sample ID: 880-61815-3

Date Collected: 08/21/25 16:21

Matrix: Solid

Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	117644	SA	EET MID	08/26/25 20:01
Total/NA	Prep	8015NM Prep			117346	EL	EET MID	08/22/25 09:30
Total/NA	Analysis	8015B NM		1	117571	TKC	EET MID	08/26/25 20:01
Soluble	Leach	DI Leach			117435	SI	EET MID	08/25/25 09:04
Soluble	Analysis	300.0		5	117517	CS	EET MID	08/25/25 15:37

Client Sample ID: CS03

Lab Sample ID: 880-61815-4

Date Collected: 08/21/25 15:15

Matrix: Solid

Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	117644	SA	EET MID	08/26/25 20:16
Total/NA	Prep	8015NM Prep			117346	EL	EET MID	08/22/25 09:30
Total/NA	Analysis	8015B NM		1	117571	TKC	EET MID	08/26/25 20:16
Soluble	Leach	DI Leach			117435	SI	EET MID	08/25/25 09:04
Soluble	Analysis	300.0		1	117517	CS	EET MID	08/25/25 15:43

Client Sample ID: CS03

Lab Sample ID: 880-61815-5

Date Collected: 08/21/25 15:45

Matrix: Solid

Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	117644	SA	EET MID	08/26/25 20:47

Lab Chronicle

Client: Ensolum
 Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
 SDG: 07A1988323

Client Sample ID: CS03

Lab Sample ID: 880-61815-5

Date Collected: 08/21/25 15:45

Matrix: Solid

Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8015NM Prep			117346	EL	EET MID	08/22/25 09:30
Total/NA	Analysis	8015B NM		1	117571	TKC	EET MID	08/26/25 20:47
Soluble	Leach	DI Leach			117435	SI	EET MID	08/25/25 09:04
Soluble	Analysis	300.0		1	117517	CS	EET MID	08/25/25 15:49

Client Sample ID: CS04

Lab Sample ID: 880-61815-6

Date Collected: 08/21/25 15:20

Matrix: Solid

Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	117644	SA	EET MID	08/26/25 21:02
Total/NA	Prep	8015NM Prep			117346	EL	EET MID	08/22/25 09:30
Total/NA	Analysis	8015B NM		1	117571	TKC	EET MID	08/26/25 21:02
Soluble	Leach	DI Leach			117435	SI	EET MID	08/25/25 09:04
Soluble	Analysis	300.0		5	117517	CS	EET MID	08/25/25 16:06

Client Sample ID: CS04

Lab Sample ID: 880-61815-7

Date Collected: 08/21/25 16:00

Matrix: Solid

Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	117644	SA	EET MID	08/26/25 21:18
Total/NA	Prep	8015NM Prep			117346	EL	EET MID	08/22/25 09:30
Total/NA	Analysis	8015B NM		1	117571	TKC	EET MID	08/26/25 21:18
Soluble	Leach	DI Leach			117435	SI	EET MID	08/25/25 09:04
Soluble	Analysis	300.0		1	117517	CS	EET MID	08/25/25 16:11

Client Sample ID: CS05

Lab Sample ID: 880-61815-8

Date Collected: 08/21/25 15:25

Matrix: Solid

Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	117644	SA	EET MID	08/26/25 21:33
Total/NA	Prep	8015NM Prep			117346	EL	EET MID	08/22/25 09:30
Total/NA	Analysis	8015B NM		1	117571	TKC	EET MID	08/26/25 21:33
Soluble	Leach	DI Leach			117435	SI	EET MID	08/25/25 09:04
Soluble	Analysis	300.0		1	117517	CS	EET MID	08/25/25 16:17

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum
Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
SDG: 07A1988323

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Total TPH

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Ensolum
Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
SDG: 07A1988323

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Ensolum
Project/Site: West Blinebry Drinkard Unit #063

Job ID: 880-61815-1
SDG: 07A1988323

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-61815-1	CS01	Solid	08/21/25 14:50	08/22/25 09:10	0.5'
880-61815-2	CS02	Solid	08/21/25 14:56	08/22/25 09:10	0.5'
880-61815-3	CS02	Solid	08/21/25 16:21	08/22/25 09:10	2'
880-61815-4	CS03	Solid	08/21/25 15:15	08/22/25 09:10	0.5'
880-61815-5	CS03	Solid	08/21/25 15:45	08/22/25 09:10	1'
880-61815-6	CS04	Solid	08/21/25 15:20	08/22/25 09:10	0.5'
880-61815-7	CS04	Solid	08/21/25 16:00	08/22/25 09:10	2'
880-61815-8	CS05	Solid	08/21/25 15:25	08/22/25 09:10	0.5'

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



880-61815 Chain of Custody

www.xenco.com Page 1 of 1

Work Order Comments

Program: UST/PST PRP Brownfields RRC Superfund

State of Project: Level III PST/UST TRRP Level IV

Reporting: Level II EDD ADaPT Other:

Project Manager: **DEVIN HENCMANN**

Company Name: **ENSOLUM, LLC**

Address: **601 N MARJENFELD**

City, State ZIP: **MIDLAND, TX 79701**

Phone: **570 403 6023**

Bill to: (if different) **WET BLINEBRY DRINKING WATER**

Company Name: **ENSOLUM, LLC**

Address: **601 N MARJENFELD**

City, State ZIP: **MIDLAND, TX 79701**

Phone: **570 403 6023**

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters		Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
							Temp Blank	Wet Ice				
C501	S	8/21/25	1450	0.5'	S	1	TPH	X		None: NO DI Water: H ₂ O		
C502	S	8/21/25	1456	0.5'	S	1	TPH	X		Cool: Cool MeOH: Me		
C503	S	8/21/25	1621	2'	S	1	TPH	X		HCL: HC HNO ₃ : HN		
C504	S	8/21/25	1515	0.5'	S	1	TPH	X		H ₂ SO ₄ : H ₂		
C505	S	8/21/25	1545	1'	S	1	TPH	X		H ₃ PO ₄ : HP		
C506	S	8/21/25	1520	0.5'	S	1	TPH	X		NaHSO ₄ : NABIS		
C507	S	8/21/25	1600	2'	S	1	TPH	X		Na ₂ S ₂ O ₃ : NaSO ₃		
C508	S	8/21/25	1525	0.5'	S	1	TPH	X		Zn Acetate+NaOH: Zn		
C509	S	8/21/25	1525	0.5'	S	1	TPH	X		NaOH+Ascorbic Acid: SAPC		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8/27/25 09:10

Revised Date: 08/25/2020 Rev. 2020.2



Login Sample Receipt Checklist

Client: Ensolum

Job Number: 880-61815-1

SDG Number: 07A1988323

Login Number: 61815

List Number: 1

Creator: Lee, Randall

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



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

September 30, 2025

REECE HANSON

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: WEST BLINEBRY DRINKARD UNIT #063

Enclosed are the results of analyses for samples received by the laboratory on 09/29/25 14:49.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 REECE HANSON
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	09/29/2025	Sampling Date:	09/29/2025
Reported:	09/30/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	32.486194, -103.173080		

Sample ID: BH 01 1 (H256092-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2025	ND	1.76	88.1	2.00	9.50	
Toluene*	<0.050	0.050	09/29/2025	ND	1.79	89.5	2.00	6.48	
Ethylbenzene*	<0.050	0.050	09/29/2025	ND	1.77	88.3	2.00	4.22	
Total Xylenes*	<0.150	0.150	09/29/2025	ND	5.15	85.9	6.00	3.87	
Total BTEX	<0.300	0.300	09/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/30/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2025	ND	190	95.1	200	4.09	
DRO >C10-C28*	<10.0	10.0	09/30/2025	ND	209	105	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	09/30/2025	ND					

Surrogate: 1-Chlorooctane 90.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.7 % 39.9-141

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
 REECE HANSON
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	09/29/2025	Sampling Date:	09/29/2025
Reported:	09/30/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	32.486194, -103.173080		

Sample ID: BH 01A 2 (H256092-02)

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	09/29/2025	ND	1.76	88.1	2.00	9.50		
Toluene*	<0.050	0.050	09/29/2025	ND	1.79	89.5	2.00	6.48		
Ethylbenzene*	<0.050	0.050	09/29/2025	ND	1.77	88.3	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/29/2025	ND	5.15	85.9	6.00	3.87		
Total BTEX	<0.300	0.300	09/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/30/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/30/2025	ND	190	95.1	200	4.09		
DRO >C10-C28*	<10.0	10.0	09/30/2025	ND	209	105	200	2.53		
EXT DRO >C28-C36	<10.0	10.0	09/30/2025	ND						

Surrogate: 1-Chlorooctane 82.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.9 % 39.9-141

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

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Ensolium, LLC P.O. #: _____
 Project Manager: Reece Han Sen Company: Hilcorp
 Address: 3122 National Parks Hwy Attn: Bill Ginn
 City: Carlsbad State: NM Zip: 88220
 Phone #: 970-210-9803 Fax #: _____
 Project #: 0741483323 Project Owner: _____
 Project Name: W55 Bineby Drinkad Unit #063 City: _____
 Project Location: 32,486194, -103,173080 State: _____ Zip: _____
 Sampler Name: Mario Sackis Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
<u>W55000</u>	<u>BH01</u>	<u>1</u>	<u>G</u>	<u>1</u>			<input checked="" type="checkbox"/>					<u>9/29/24</u>	<u>1029</u>	<u>BTEX</u>
	<u>BH01A</u>	<u>2</u>	<u>G</u>	<u>1</u>			<input checked="" type="checkbox"/>					<u>9/29/24</u>	<u>1038</u>	<u>TPH</u>
														<u>Chlorides</u>

MPS

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____ Date: 9/29/25 Received By: [Signature]
 Relinquished By: _____ Date: 1/14/24 Received By: [Signature]
 Time: _____

Delivered By: (Circle One) Observed Temp.: 38.0 °C Sample Condition: Intact Cool Yes No
 Corrected Temp.: 41.2 °C Bacteria (only) Sample Condition: Intact Cool Yes No
 Corrected Temp.: 41.2 °C

TURNAROUND TIME: 24-HR RUSH Standard Add'l Phone #: _____
 Thermometer ID: #113 # 140 Bacteria (only) Sample Condition: Intact Cool Yes No
 Correction Factor: 0.5 °C Corrected Temp.: 40.7 °C

REMARKS: Mx/M/S@ensolium.com / jhanse@ensolium.com
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____



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

October 06, 2025

REECE HANSON

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: WEST BLINEBRY DRINKARD UNIT #063

Enclosed are the results of analyses for samples received by the laboratory on 10/03/25 11:43.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 REECE HANSON
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	10/03/2025	Sampling Date:	10/02/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988247	Sample Received By:	Alyssa Parras
Project Location:	32.486194, -103.173080		

Sample ID: FS02 4.5' (H256189-01)

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	10/03/2025	ND	2.00	100	2.00	4.12		
Toluene*	<0.050	0.050	10/03/2025	ND	1.81	90.6	2.00	0.0310		
Ethylbenzene*	<0.050	0.050	10/03/2025	ND	1.84	92.1	2.00	3.34		
Total Xylenes*	<0.150	0.150	10/03/2025	ND	5.57	92.9	6.00	2.69		
Total BTEX	<0.300	0.300	10/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2220	16.0	10/06/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/04/2025	ND	191	95.7	200	2.77		
DRO >C10-C28*	<10.0	10.0	10/04/2025	ND	215	107	200	4.29		
EXT DRO >C28-C36	<10.0	10.0	10/04/2025	ND						

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.6 % 39.9-141

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
 REECE HANSON
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	10/03/2025	Sampling Date:	10/02/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988247	Sample Received By:	Alyssa Parras
Project Location:	32.486194, -103.173080		

Sample ID: FS03 4.5' (H256189-02)

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	10/03/2025	ND	2.00	100	2.00	4.12	
Toluene*	<0.050	0.050	10/03/2025	ND	1.81	90.6	2.00	0.0310	
Ethylbenzene*	<0.050	0.050	10/03/2025	ND	1.84	92.1	2.00	3.34	
Total Xylenes*	<0.150	0.150	10/03/2025	ND	5.57	92.9	6.00	2.69	
Total BTEX	<0.300	0.300	10/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	10/06/2025	ND	416	104	400	0.00	QM-07

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	10/04/2025	ND	191	95.7	200	2.77	
DRO >C10-C28*	<10.0	10.0	10/04/2025	ND	215	107	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	10/04/2025	ND					

Surrogate: 1-Chlorooctane 93.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.5 % 39.9-141

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
 REECE HANSON
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	10/03/2025	Sampling Date:	10/02/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988247	Sample Received By:	Alyssa Parras
Project Location:	32.486194, -103.173080		

Sample ID: BF01 (H256189-03)

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	10/03/2025	ND	2.00	100	2.00	4.12	
Toluene*	<0.050	0.050	10/03/2025	ND	1.81	90.6	2.00	0.0310	
Ethylbenzene*	<0.050	0.050	10/03/2025	ND	1.84	92.1	2.00	3.34	
Total Xylenes*	<0.150	0.150	10/03/2025	ND	5.57	92.9	6.00	2.69	
Total BTEX	<0.300	0.300	10/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/06/2025	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	10/04/2025	ND	191	95.7	200	2.77	
DRO >C10-C28*	<10.0	10.0	10/04/2025	ND	215	107	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	10/04/2025	ND					

Surrogate: 1-Chlorooctane 83.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.6 % 39.9-141

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

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Reece Hanson
 Address: 3102 National Parks Hwy
 City: Carlsbad State: NM Zip
 Phone #: 281-682-9499 Fax #: Project Owner:
 Project #: 07A1988247
 Project Name: West Blinberry Drinkard Unit #063
 Project Location: 32.486194, -103.173080
 Sampler Name: Mario Sarkis
 P.O. #: Hillcorp
 Company: Attn: Billy Ginn
 Address: City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX	TPH	Chlorides
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
1	FS02	4.5	C	1			X					10/2/2025	15:23	X	X	X
2	FS03	4.5	C	1			X					10/2/2025	15:21	X	X	X
3	BF01	N/A	C	1			X					10/2/2025	16:20	X	X	X

04024015

MRS

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 10/2/25
 Relinquished By: [Signature] Date: 07/35
 Received By: [Signature] Date: 10/3/25
 Received By: [Signature] Date: 10/3/25
 Delivered By: (Circle One) Steven Wagers
 Observed Temp. °C: 3.1
 Corrected Temp. °C: 3.4
 Sample Condition: Cool Intact
 Checked By: [Signature]
 Turnaround Time: 24-48
 Thermometer ID #1140
 Correction Factor +0.3°C
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address: msarkis@ensolum.com / mhanson@ensolum.com / dhennemann@ensolum.com
 REMARKS:
 Standard Bacteria (only) Sample Condition
 Rush Cool Intact Observed Temp. °C
 Yes No Corrected Temp. °C

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



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

October 14, 2025

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

RE: WEST BLINEBRY DRINKARD UNIT #063

Enclosed are the results of analyses for samples received by the laboratory on 10/13/25 16:51.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/13/2025	Sampling Date:	10/13/2025
Reported:	10/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	EUNICE, NM		

Sample ID: PH 01 13' (H256411-01)

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	10/14/2025	ND	1.82	91.0	2.00	8.02	
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/14/2025	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	10/14/2025	ND	171	85.6	200	6.54	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 78.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.5 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/13/2025	Sampling Date:	10/13/2025
Reported:	10/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	EUNICE, NM		

Sample ID: PH 01 14' (H256411-02)

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	10/14/2025	ND	1.82	91.0	2.00	8.02	
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/14/2025	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	10/14/2025	ND	171	85.6	200	6.54	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 81.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.7 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/13/2025	Sampling Date:	10/13/2025
Reported:	10/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	EUNICE, NM		

Sample ID: FS 02 4' (H256411-03)

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	10/14/2025	ND	1.82	91.0	2.00	8.02		
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	10/14/2025	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	10/14/2025	ND	171	85.6	200	6.54		
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95		
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND						

Surrogate: 1-Chlorooctane 77.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.5 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/13/2025	Sampling Date:	10/13/2025
Reported:	10/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	EUNICE, NM		

Sample ID: FS 03 4' (H256411-04)

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	10/14/2025	ND	1.82	91.0	2.00	8.02		
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	10/14/2025	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	10/14/2025	ND	171	85.6	200	6.54		
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95		
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND						

Surrogate: 1-Chlorooctane 82.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.3 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/13/2025	Sampling Date:	10/13/2025
Reported:	10/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	EUNICE, NM		

Sample ID: SW 02 0-4' (H256411-05)

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	10/14/2025	ND	1.82	91.0	2.00	8.02	
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/14/2025	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	10/14/2025	ND	171	85.6	200	6.54	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 75.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.9 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/13/2025	Sampling Date:	10/13/2025
Reported:	10/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	EUNICE, NM		

Sample ID: SW 03 0-4' (H256411-06)

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	10/14/2025	ND	1.82	91.0	2.00	8.02	
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2100	16.0	10/14/2025	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	10/14/2025	ND	171	85.6	200	6.54	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 77.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.4 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/13/2025	Sampling Date:	10/13/2025
Reported:	10/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	EUNICE, NM		

Sample ID: FS 01 3' (H256411-07)

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	10/14/2025	ND	1.82	91.0	2.00	8.02		
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11		
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89		
Total BTEX	<0.300	0.300	10/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	10/14/2025	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	10/14/2025	ND	171	85.6	200	6.54		
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95		
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND						

Surrogate: 1-Chlorooctane 78.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.7 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/13/2025	Sampling Date:	10/13/2025
Reported:	10/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Alyssa Parras
Project Location:	EUNICE, NM		

Sample ID: SW 01 0-3' (H256411-08)

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	10/14/2025	ND	1.82	91.0	2.00	8.02	
Toluene*	<0.050	0.050	10/14/2025	ND	1.86	93.2	2.00	5.11	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.86	92.9	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.80	96.7	6.00	2.89	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	10/14/2025	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	10/14/2025	ND	171	85.6	200	6.54	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	168	84.0	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane 76.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.5 % 39.9-141

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

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensdum LLC Project Manager: Reece Harrison Address: 601 N Maricopa Blvd Suite 400 City: Midland State: TX Zip: 79701 Phone #: 970210 9503 Fax #: _____ Project #: 07A1988323 Project Owner: Hilcorp Project Name: West Blinberry Drinkard Unit #063 Project Location: Emmicer NM Sampler Name: Raphael Udeh FOR LAB USE ONLY		P.O. #: _____ Company: Ensdum Attn: _____ Address: _____ State: TX Zip: 79701 Phone #: _____ Fax #: _____	
Lab I.D. PH-01 PH-01 FS02 FS03 SW02 SW03 FS01 SW01		Sample I.D. Depth (ft) 13 14 4 4 0-4 0-4 3 0-3	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		MATRIX ACID/BASE: ICE / COOL OTHER:	
DATE 10/13/25 10/13/25 10/13/25 10/13/25 10/13/25 10/13/25 10/13/25		TIME 1230 1245 1400 1410 1420 1430 1500 1510	
ANALYSIS REQUEST Chloride 4500 BTEX 8021B TPH 8015M 10/13/25 N/A		ANALYSIS REQUEST	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____ Date: 10/13/25
 Received By: **APRICE** Date: 10/13/25

Turnaround Time: _____
 Standard **NO** Bacteria (only) **NO**
 Cool Intact Yes No
 Sample Condition Observed Temp. °C Corrected Temp. °C

Thermometer ID #1140 Correction Factor +0.3°C
 Standard **RUSH** Yes No
 Cool Intact Yes No
 Sample Condition Observed Temp. °C Corrected Temp. °C

REMARKS: **chanson@ensdum.com**

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



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

October 23, 2025

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

RE: WEST BLINEBRY DRINKARD UNIT #063

Enclosed are the results of analyses for samples received by the laboratory on 10/21/25 13:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/21/2025	Sampling Date:	10/20/2025
Reported:	10/23/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Tamara Oldaker
Project Location:	32.4858551,-103.1726608		

Sample ID: FS01 4' (H256631-01)

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	10/22/2025	ND	2.18	109	2.00	0.657	
Toluene*	<0.050	0.050	10/22/2025	ND	2.12	106	2.00	2.44	
Ethylbenzene*	<0.050	0.050	10/22/2025	ND	2.18	109	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/22/2025	ND	6.68	111	6.00	1.91	
Total BTEX	<0.300	0.300	10/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/22/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane 84.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.9 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/21/2025	Sampling Date:	10/20/2025
Reported:	10/23/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Tamara Oldaker
Project Location:	32.4858551,-103.1726608		

Sample ID: FS04 4' (H256631-02)

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	10/22/2025	ND	2.18	109	2.00	0.657	
Toluene*	<0.050	0.050	10/22/2025	ND	2.12	106	2.00	2.44	
Ethylbenzene*	<0.050	0.050	10/22/2025	ND	2.18	109	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/22/2025	ND	6.68	111	6.00	1.91	
Total BTEX	<0.300	0.300	10/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	10/22/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.6 % 39.9-141

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

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

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

October 27, 2025

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

RE: WEST BLINEBRY DRINKARD UNIT #063

Enclosed are the results of analyses for samples received by the laboratory on 10/24/25 15:11.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/24/2025	Sampling Date:	10/24/2025
Reported:	10/27/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Shalyn Rodriguez
Project Location:	32.4858551,-103.1726608		

Sample ID: SW 01 (H256743-01)

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	10/24/2025	ND	1.93	96.6	2.00	0.584	
Toluene*	<0.050	0.050	10/24/2025	ND	2.05	102	2.00	2.49	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.10	105	2.00	3.87	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.30	105	6.00	3.55	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2025	ND	214	107	200	1.49	
DRO >C10-C28*	<10.0	10.0	10/25/2025	ND	193	96.6	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	10/25/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.7 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/24/2025	Sampling Date:	10/24/2025
Reported:	10/27/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Shalyn Rodriguez
Project Location:	32.4858551,-103.1726608		

Sample ID: SW 03 (H256743-02)

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	10/24/2025	ND	1.93	96.6	2.00	0.584	
Toluene*	<0.050	0.050	10/24/2025	ND	2.05	102	2.00	2.49	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.10	105	2.00	3.87	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.30	105	6.00	3.55	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2025	ND	214	107	200	1.49	
DRO >C10-C28*	<10.0	10.0	10/25/2025	ND	193	96.6	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	10/25/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.3 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/24/2025	Sampling Date:	10/24/2025
Reported:	10/27/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Shalyn Rodriguez
Project Location:	32.4858551,-103.1726608		

Sample ID: SW 04 (H256743-03)

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	10/24/2025	ND	1.93	96.6	2.00	0.584	
Toluene*	<0.050	0.050	10/24/2025	ND	2.05	102	2.00	2.49	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.10	105	2.00	3.87	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.30	105	6.00	3.55	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2025	ND	214	107	200	1.49	
DRO >C10-C28*	<10.0	10.0	10/25/2025	ND	193	96.6	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	10/25/2025	ND					

Surrogate: 1-Chlorooctane 87.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.1 % 39.9-141

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
 REECE HANSON
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	10/24/2025	Sampling Date:	10/24/2025
Reported:	10/27/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Shalyn Rodriguez
Project Location:	32.4858551,-103.1726608		

Sample ID: FS 05 (H256743-04)

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	10/24/2025	ND	1.93	96.6	2.00	0.584	
Toluene*	<0.050	0.050	10/24/2025	ND	2.05	102	2.00	2.49	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.10	105	2.00	3.87	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.30	105	6.00	3.55	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2025	ND	214	107	200	1.49	
DRO >C10-C28*	<10.0	10.0	10/25/2025	ND	193	96.6	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	10/25/2025	ND					

Surrogate: 1-Chlorooctane 91.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.0 % 39.9-141

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

November 14, 2025

REECE HANSON

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: WEST BLINEBRY DRINKARD UNIT #063

Enclosed are the results of analyses for samples received by the laboratory on 11/13/25 13:24.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 REECE HANSON
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	11/13/2025	Sampling Date:	11/13/2025
Reported:	11/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Tamara Oldaker
Project Location:	HILCORP 32.4858551-103.1726608		

Sample ID: SW05 0-4' (H257161-01)

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	11/13/2025	ND	1.89	94.6	2.00	2.36	
Toluene*	<0.050	0.050	11/13/2025	ND	1.95	97.6	2.00	3.44	
Ethylbenzene*	<0.050	0.050	11/13/2025	ND	1.87	93.6	2.00	5.14	
Total Xylenes*	<0.150	0.150	11/13/2025	ND	5.58	92.9	6.00	5.92	
Total BTEX	<0.300	0.300	11/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

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	11/13/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2025	ND	190	95.1	200	3.31	
DRO >C10-C28*	<10.0	10.0	11/13/2025	ND	189	94.6	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	11/13/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.8 % 39.9-141

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
 REECE HANSON
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	11/13/2025	Sampling Date:	11/13/2025
Reported:	11/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Tamara Oldaker
Project Location:	HILCORP 32.4858551-103.1726608		

Sample ID: FS05 2' (H257161-02)

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	11/13/2025	ND	1.89	94.6	2.00	2.36		
Toluene*	<0.050	0.050	11/13/2025	ND	1.95	97.6	2.00	3.44		
Ethylbenzene*	<0.050	0.050	11/13/2025	ND	1.87	93.6	2.00	5.14		
Total Xylenes*	<0.150	0.150	11/13/2025	ND	5.58	92.9	6.00	5.92		
Total BTEX	<0.300	0.300	11/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	11/13/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/13/2025	ND	190	95.1	200	3.31		
DRO >C10-C28*	<10.0	10.0	11/13/2025	ND	189	94.6	200	6.66		
EXT DRO >C28-C36	<10.0	10.0	11/13/2025	ND						

Surrogate: 1-Chlorooctane 84.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.4 % 39.9-141

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
 REECE HANSON
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	11/13/2025	Sampling Date:	11/13/2025
Reported:	11/14/2025	Sampling Type:	Soil
Project Name:	WEST BLINEBRY DRINKARD UNIT #063	Sampling Condition:	Cool & Intact
Project Number:	07A1988323	Sample Received By:	Tamara Oldaker
Project Location:	HILCORP 32.4858551-103.1726608		

Sample ID: FS06 2' (H257161-03)

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	11/13/2025	ND	1.89	94.6	2.00	2.36		
Toluene*	<0.050	0.050	11/13/2025	ND	1.95	97.6	2.00	3.44		
Ethylbenzene*	<0.050	0.050	11/13/2025	ND	1.87	93.6	2.00	5.14		
Total Xylenes*	<0.150	0.150	11/13/2025	ND	5.58	92.9	6.00	5.92		
Total BTEX	<0.300	0.300	11/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	11/13/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/13/2025	ND	190	95.1	200	3.31		
DRO >C10-C28*	<10.0	10.0	11/13/2025	ND	189	94.6	200	6.66		
EXT DRO >C28-C36	<10.0	10.0	11/13/2025	ND						

Surrogate: 1-Chlorooctane 86.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.1 % 39.9-141

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

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

1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Racee Hanson
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 Phone #: 970 210 9805 Fax #:
 Project #: 07A1984323 Project Owner: Hilcorp
 Project Name: West Blineby Drinkard Unit # 063
 Project Location: 32.4858551, -103.1172608
 Sampler Name: Joshua Boxley

P.O. #:
 Company: Hilcorp Energy Co
 Attn: William Ginn
 Address: 111 Travis St
 City: Houston
 State: TX Zip: 77002
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH	BTEX
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
<u>4857161</u>	<u>SW05</u>	<u>0-4</u>	<u>C</u>	<u>1</u>								<u>11/3/25</u>	<u>1015</u>	<u>X</u>	<u>X</u>	<u>X</u>
	<u>F905</u>	<u>2</u>	<u>C</u>	<u>1</u>								<u>11/3/25</u>	<u>1020</u>	<u>X</u>	<u>X</u>	<u>X</u>
	<u>F506</u>	<u>2</u>	<u>C</u>	<u>1</u>								<u>11/3/25</u>	<u>1025</u>	<u>X</u>	<u>X</u>	<u>X</u>

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature]
 Date: 11-13-25

Received By: [Signature]
 Date: 11-13-25

Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS: Chan Son@ensolum.com, william.ginn@hilcorp.com, KJ.smith@ensolum.com, j.boxley@ensolum.com
 Incident: NLWJ0902260064 API: 30-025-38267

Delivered By: (Circle One) Observed Temp. °C: 4.8 Sample Condition: Intact Cool Yes No Yes No CHECKED BY: (Initials) [Signature]
 Sampler - UPS - Bus - Other: Corrected Temp. °C: 5.1 Sample Condition: Intact Cool Yes No Yes No
 FORM-006 R 3.2 10/07/21 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



APPENDIX B

NMOCD Sampling Notification



FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 513262

From Stuart Hyde <shyde@ensolum.com>
Date Wed 10/8/2025 1:13 PM
To Reece Hanson <rhanson@ensolum.com>



Stuart Hyde, PG

(Licensed in TX, WA, & WY)

Senior Managing Geologist
970-903-1607

[Ensolum, LLC](#)
in f X

"If you want to go fast, go alone. If you want to go far, go together." – African Proverb

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, October 8, 2025 9:41 AM
To: Stuart Hyde <shyde@ensolum.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 513262

[**EXTERNAL EMAIL**]

To whom it may concern (c/o Stuart Hyde for HILCORP ENERGY COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nLWJ0902260084.

The sampling event is expected to take place:

When: 10/13/2025 @ 09:00

Where: D-16-21S-37E 110 FNL 1195 FWL (32.4858551,-103.1726608)

Additional Information: Raphael Udeh - Sampling - 682-413-1307
Reece Hanson - PM - 970-210-9803

Additional Instructions: From Eunice, NM, travel north NM-207 for 2.7 miles. Turn left (west) onto Hill Rd, travel west then northwest for 0.8 miles. Turn left (west) onto unnamed road, travel for 0.1 miles, keep left at split, travel for 302 feet, then turn left to reach the well pad.
Coordinates: 32.4858551, -103.1726608

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling

must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive
Santa Fe, NM 87505



FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 515657

From Stuart Hyde <shyde@ensolum.com>
Date Wed 10/15/2025 12:50 PM
To Reece Hanson <rhanson@ensolum.com>



Stuart Hyde, PG

(Licensed in TX, WA, & WY)

Senior Managing Geologist
970-903-1607

[Ensolum, LLC](#)
in f X

"If you want to go fast, go alone. If you want to go far, go together." – African Proverb

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, October 15, 2025 12:47 PM
To: Stuart Hyde <shyde@ensolum.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 515657

[**EXTERNAL EMAIL**]

To whom it may concern (c/o Stuart Hyde for HILCORP ENERGY COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nLWJ0902260084.

The sampling event is expected to take place:

When: 10/20/2025 @ 09:00

Where: D-16-21S-37E 110 FNL 1195 FWL (32.4858551,-103.1726608)

Additional Information: Trevor Wargo - Sampling - 505-252-1993
Reece Hanson - PM - 970-210-9803

Additional Instructions: From Eunice, NM, travel north NM-207 for 2.7 miles. Turn left (west) onto Hill Rd, travel west then northwest for 0.8 miles. Turn left (west) onto unnamed road, travel for 0.1 miles, keep left at split, travel for 302 feet, then turn left to reach the well pad.
Coordinates: 32.4858551, -103.1726608

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling

must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive
Santa Fe, NM 87505



FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 518837

From Stuart Hyde <shyde@ensolum.com>
Date Wed 10/22/2025 8:23 AM
To Reece Hanson <rhanson@ensolum.com>



Stuart Hyde, PG
(Licensed in TX, WA, & WY)
Senior Managing Geologist
970-903-1607
[Ensolum, LLC](#)
in f X

"If you want to go fast, go alone. If you want to go far, go together." – African Proverb

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, October 22, 2025 8:17 AM
To: Stuart Hyde <shyde@ensolum.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 518837

[**EXTERNAL EMAIL**]

To whom it may concern (c/o Stuart Hyde for HILCORP ENERGY COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nLWJ0902260084.

The sampling event is expected to take place:

When: 10/24/2025 @ 09:00
Where: D-16-21S-37E 110 FNL 1195 FWL (32.4858551,-103.1726608)

Additional Information: Evan Roe - Sampler - eroe@ensolum.com
Reece Hanson - PM - rhanson@ensolum.com - 970-210-9803

Additional Instructions: From Eunice, NM, travel north NM-207 for 2.7 miles. Turn left (west) onto Hill Rd, travel west then northwest for 0.8 miles. Turn left (west) onto unnamed road, travel for 0.1 miles, keep left at split, travel for 302 feet, then turn left to reach the well pad.
Coordinates: 32.4858551, -103.1726608

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling

must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive
Santa Fe, NM 87505



FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 524548

From Stuart Hyde <shyde@ensolum.com>
Date Fri 11/7/2025 4:21 PM
To Reece Hanson <rhanson@ensolum.com>


Stuart Hyde, PG

(Licensed in TX, WA, & WY)
 Senior Managing Geologist
 970-903-1607

[Ensolum, LLC](#)
 in f X

"If you want to go fast, go alone. If you want to go far, go together." – African Proverb

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, November 7, 2025 3:24 PM
To: Stuart Hyde <shyde@ensolum.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 524548

[**EXTERNAL EMAIL**]

To whom it may concern (c/o Stuart Hyde for HILCORP ENERGY COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nLWJ0902260084.

The sampling event is expected to take place:

When: 11/13/2025 @ 09:00

Where: D-16-21S-37E 110 FNL 1195 FWL (32.4858551,-103.1726608)

Additional Information: PM - Reece Hanson - 970-210-9803

Additional Instructions: From Eunice, NM, travel north NM-207 for 2.7 miles. Turn left (west) onto Hill Rd, travel west then northwest for 0.8 miles. Turn left (west) onto unnamed road, travel for 0.1 miles, keep left at split, travel for 302 feet, then turn left to reach the well pad.
 Coordinates: 32.4858551, -103.1726608

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC.

Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505



APPENDIX C

Photographic Log

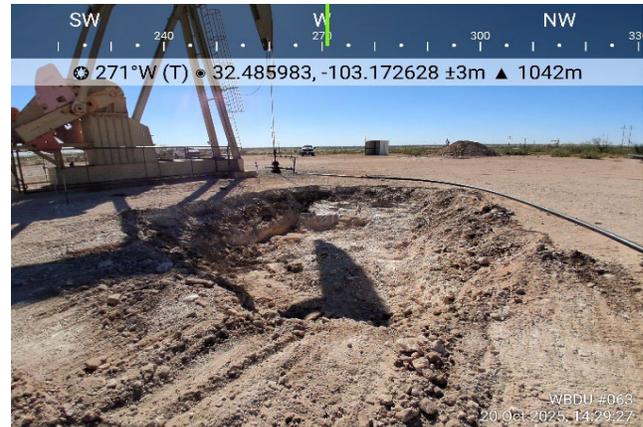


Photographic Log
Hilcorp Energy Company
West Blinebry Drinkard Unit #063
30-025-38267



Photograph 1 Date: 10/13/2025
Description: Excavation 2
View: Northwest

Photograph 2 Date: 10/13/2025
Description: Excavation 2
View: East

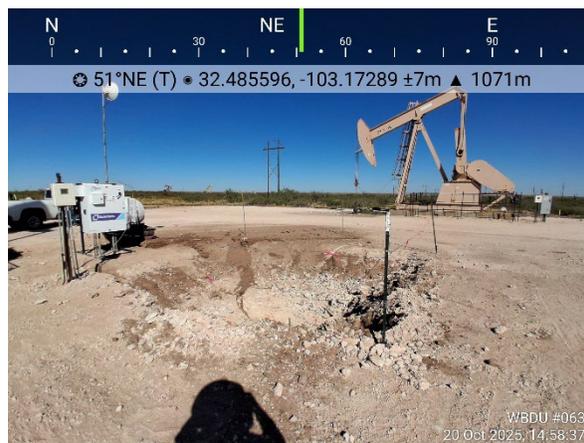


Photograph 3 Date: 10/20/2025
Description: Excavation 1
View: North-northwest

Photograph 4 Date: 10/20/2025
Description: Excavation 1
View: West



Photographic Log
Hilcorp Energy Company
West Blinebry Drinkard Unit #063
30-025-38267



Photograph 5 Date: 10/20/2025
Description: Excavation 2/Daylighting electric line
View: North-northwest

Photograph 6 Date: 10/20/2025
Description: Excavation 2
View: Northeast



Photograph 7 Date: 10/24/2025
Description: Excavation 1
View: Northwest

Photograph 8 Date: 10/24/2025
Description: Excavation 1
View: South



Photographic Log
Hilcorp Energy Company
West Blinebry Drinkard Unit #063
30-025-38267



Photograph 9 Date: 10/24/2025
Description: Excavation 2
View: North



Photograph 10 Date: 11/13/2025
Description: Excavation 1 - Final extent
View: Northeast



Photograph 11 Date: 11/13/2025
Description: Excavation 2 - Final extent
View: North



Photograph 12 Date: 11/13/2025
Description: Excavation 2 - Final extent
View: East

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 528756

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 528756
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nLWJ0902260084
Incident Name	NLWJ0902260084 WEST BLINEBRY DRINKARD UNIT #063 @ 30-025-38267
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-38267] WEST BLINEBRY DRINKARD UNIT #063

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	West Blinebry Drinkard Unit #063
Date Release Discovered	01/17/2009
Surface Owner	State

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

Nature and Volume of Release	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Producing Well Crude Oil Released: 30 BBL Recovered: 15 BBL Lost: 15 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 528756

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 528756
	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.
<i>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.</i>	

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: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 11/21/2025
--	--

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 528756

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 528756
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 1000 (ft.) and ½ (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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between ½ and 1 (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	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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)	2180
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	10/13/2025
On what date will (or did) the final sampling or liner inspection occur	11/13/2025
On what date will (or was) the remediation complete(d)	11/13/2025
What is the estimated surface area (in square feet) that will be reclaimed	1245
What is the estimated volume (in cubic yards) that will be reclaimed	184
What is the estimated surface area (in square feet) that will be remediated	1245
What is the estimated volume (in cubic yards) that will be remediated	184

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 528756

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 528756
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fKJ1600527371 SUNDANCE SERVICES, INC
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 11/21/2025
--	--

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 528756

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 528756
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 528756

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 528756
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	524550
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/14/2025
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	1245
What was the total volume (cubic yards) remediated	184
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	1245
What was the total volume (in cubic yards) reclaimed	184
Summarize any additional remediation activities not included by answers (above)	See attached report

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: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 11/21/2025
--	--

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 528756

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 528756
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 528756

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 528756
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	1/27/2026