



June 12, 2026

New Mexico Oil Conservation Division

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

**Re: Closure Request
Northeast Drinkard Unit #302
NMOCD Incident No: nAPP2536449270
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities performed at Northeast Drinkard Unit #302 (Site). The purpose of the Site assessment, excavation, and soil sampling activities was to assess for the presence or absence of impacts to soil resulting from a release of crude oil and produced water at the Site. Based on field observations, excavation, field screening activities, and laboratory analytical results from the soil sampling events, Hilcorp is requesting no further action for the remediation of Incident Number nAPP2536449270.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit M, Section 03, Township 21 South, Range 37 East, in Lea County, New Mexico (32.50254°, -103.15838°) and is associated with oil and gas exploration and production operations on private land.

On December 30, 2025, worn packing on a stuffing box resulted in the release of 7 barrels (bbls) of crude oil and 18 bbls produced water onto the surrounding well pad surface at the Site. Upon discovery, a vacuum truck was immediately dispatched to recover free-standing fluids; approximately 23 bbls of released fluids were recovered, and the stuffing box was subsequently repaired before placing it back into service. Hilcorp submitted the Notification of Release (NOR) to the New Mexico Oil Conservation Division (NMOCD) on December 30, 2025, and subsequently submitted a Form C-141 Application (C-141) on January 14, 2026. The release was assigned Incident Number nAPP2536449270.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below and potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 50 feet and less than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well (USGS 323012103093301) is located approximately 1,040 feet northwest of the

Site with a reported depth to groundwater of 63 feet bgs on December 16, 1970. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash located approximately 1,972 feet north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and greater than 500 feet of a spring or private water well used by less than 5 houses for domestic or stock watering. The Site is not within a 100-year floodplain or overlying a subsurface mine and is not underlain by unstable geology (low potential karst designation area).

Based on the results of the Site Characterization, and NMOCD's preference that depth to groundwater data be obtained within the last 25 years, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

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

SITE ASSESSMENT ACTIVITIES

On January 5, 2026, Ensolum personnel were at the Site to evaluate the release extent based on visual observations and information provided by Hilcorp. Ensolum's sampling program included eight assessment soil samples (SS01 through SS08) and eight lateral assessment samples (LS01 through LS08), collected from a depth of approximately 0.5 feet bgs, to assess surficial soil associated with the release. All 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 release extent and assessment soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was completed during the Site visit, and a photographic log is included in Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analyses of the following constituents of concern (COC): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standards Method 4500.

Laboratory analytical results for soil samples LS01 and SS01 through SS08, collected laterally around and within the release extent, indicated BTEX, TPH and/or chloride concentrations exceeded the Closure Criteria. Laboratory analytical results for soil samples LS02 through LS08, collected laterally around the release extent, indicated all COC concentrations were compliant with the Closure Criteria. Based on visible staining within the release extent and laboratory analytical results, excavation activities were warranted.

EXCAVATION SOIL SAMPLING ACTIVITIES

Between February 23, 2026, and March 27, 2026, Ensolum personnel were at the Site to oversee excavation activities. Impacted soil, as indicated by laboratory analytical results, was excavated from the release extent utilizing heavy equipment and transport vehicles. To direct excavation activities, soil was field screened for VOCs and chloride as described above. The excavation was completed to depths ranging from 5 feet to 6.5 feet bgs. Photographic documentation of the excavation activities is included in Appendix B.

Following the removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the sidewalls and floor of the excavation. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples FS01 through FS12 were collected from the floor of the excavation at depths ranging from 5 feet to 6.5 feet bgs. Confirmation sidewall soil samples SW01 through SW08 were collected from the sidewalls of the excavation at depths ranging from ground surface to 6.5 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and confirmation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 2,370 square feet. A total of approximately 730 cubic yards of impacted soil was removed during excavation activities. The impacted soil was transported and properly disposed of at Sundance Services, Inc. located in Eunice, New Mexico. After completion of confirmation sampling, the excavation area was secured with fencing and backfill is in progress.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results confirmation soil samples FS02, FS03, and SW05 indicated COC concentrations exceeded Closure Criteria and were excavated further. Laboratory analytical results for all final confirmation floor and sidewall samples collected indicated that all COC concentrations were compliant with the Closure Criteria. Laboratory analytical results are summarized in Table 1, with complete laboratory analytical reports attached as Appendix C.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the December 30, 2025, release of crude oil and produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required. Hilcorp will backfill the excavation with material purchased locally and recontour the Site to match pre-existing site conditions.

Excavation of impacted soil has mitigated impacts at this Site. Hilcorp believes these remedial actions are protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure for Incident Number nAPP2536449270.

If you have any questions or comments, please contact Ms. Kalei Jennings at (817) 683-2503 or kjennings@ensolum.com.

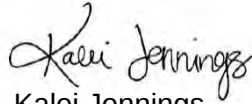
Hilcorp Energy Company
Closure Request
Northeast Drinkard Unit #302

Page 4

Sincerely,
Ensolum, LLC



Alex Ferrell
Staff Geologist



Kalei Jennings
Senior Managing Scientist

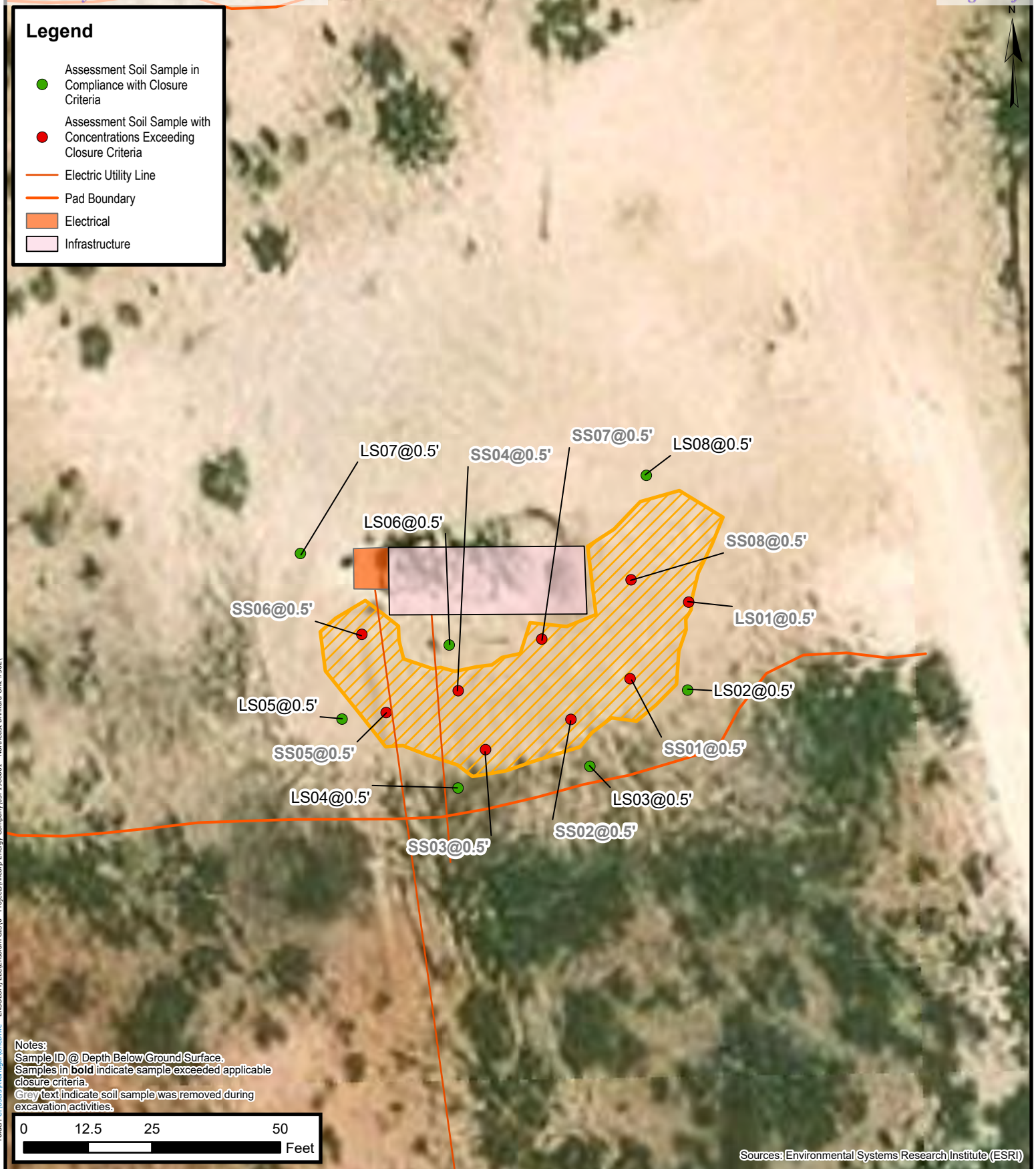
Attachments:

Figure 1	Site Receptor Map
Figure 2	Assessment Soil Sample Locations
Figure 3	Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	Photographic Log
Appendix C	Laboratory Analytical Reports



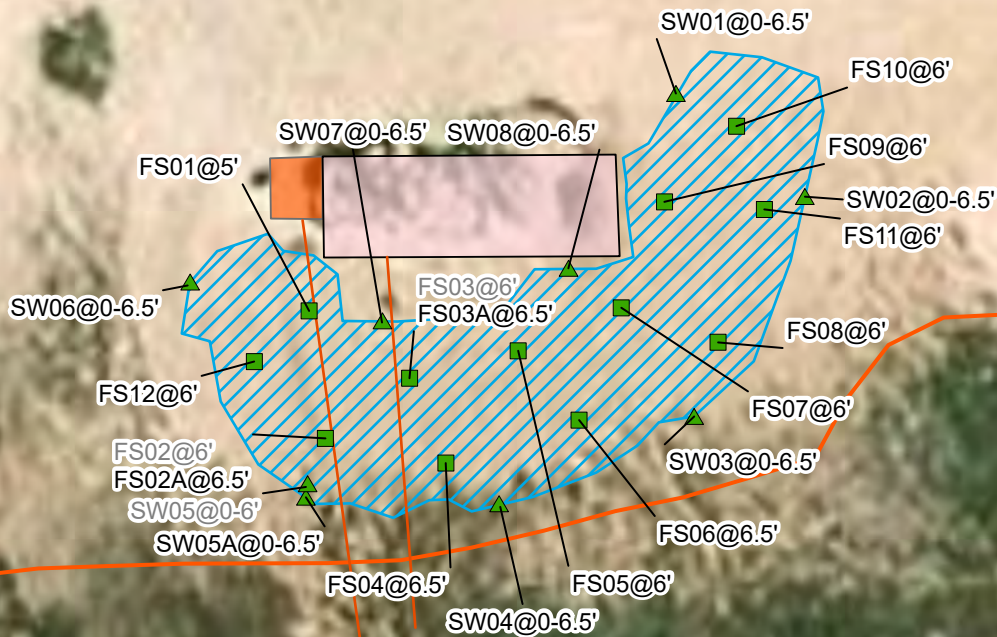
FIGURES





Legend

- Confirmation Floor Sample in Compliance with Closure Criteria
- ▲ Confirmation Sidewall Sample in Compliance with Closure Criteria
- Electric Utility Line
- Pad Boundary
- Electrical
- Infrastructure
- ▨ Excavation Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Grey text indicate soil sample was removed during excavation activities.

0 5 10 20 30 40
 Feet

Sources: Environmental Systems Research Institute (ESRI)



Confirmation Soil Sample Locations

Hilcorp Energy Company
 Northeast Drinkard Unit #302
 Unit M, Section 03, Township 21 South, Range 37 East
 Incident Number: nAPP2536449270
 Lea County, New Mexico

FIGURE

3



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Northeast Drinkard Unit #302
 Hilcorp Energy Company
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Assessment Soil Samples										
SS01	01/05/2026	0.5	0.179	18.8	422	2,020	136	2,442	2,578	1,360
SS02	01/05/2026	0.5	0.174	0.847	<10.0	50.8	10.5	50.8	61.3	2,270
SS03	01/05/2026	0.5	1.03	46.3	1,090	7,310	1,010	8,400	9,410	1,300
SS04	01/05/2026	0.5	0.0920	0.482	<10.0	117	17.9	117	135	2,400
SS05	01/05/2026	0.5	<0.050	0.844	20.1	338	40.3	358	398	1,890
SS06	01/05/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,240
SS07	01/05/2026	0.5	1.09	53.8	1,140	12,400	2,990	13,540	16,530	688
SS08	01/05/2026	0.5	<0.050	0.928	15.7	1,180	252	1,196	1,448	1,310
Lateral Assessment Soil Samples										
LS01	01/05/2026	0.5	<0.050	<0.300	<10.0	604.0	110.0	604.0	714	48.0
LS02	01/05/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
LS03	01/05/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
LS04	01/05/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
LS05	01/05/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
LS06	01/05/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
LS07	01/05/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
LS08	01/05/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
Excavation Soil Samples										
FS01	03/04/2026	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS02	03/04/2026	6	<0.050	<0.300	<10.0	29.6	13.4	29.6	43.0	624
FS02A	03/27/2026	6.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS03	03/04/2026	6	<0.050	<0.300	<10.0	183	70.7	183	254	80.0
FS03A	03/26/2026	6.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS04	03/26/2026	6.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS05	03/04/2026	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
FS06	03/26/2026	6.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS07	03/04/2026	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS08	03/04/2026	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS09	03/09/2026	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS10	03/09/2026	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS11	03/04/2026	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS12	03/26/2026	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
Sidewall Soil Samples										
SW01	03/09/2026	0 - 6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW02	03/09/2026	0 - 6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW03	03/27/2026	0 - 6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW04	03/26/2026	0 - 6.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW05	03/09/2026	0 - 6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW05A	03/26/2026	0 - 6.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW06	03/27/2026	0 - 6.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW07	03/27/2026	0 - 6.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW08	03/27/2026	0 - 6.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
Backfill Soil Samples										
BF01	03/27/2026	NE	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NE: Not Established

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

Grey text represents samples that have been excavated



APPENDIX A

Referenced Well Records

Monitoring location

21S.37E.04.42242 - USGS

[Questions or Comments](#)

☐ 1 year

☐ 10 years

☒ Period of record

Scale

Linear

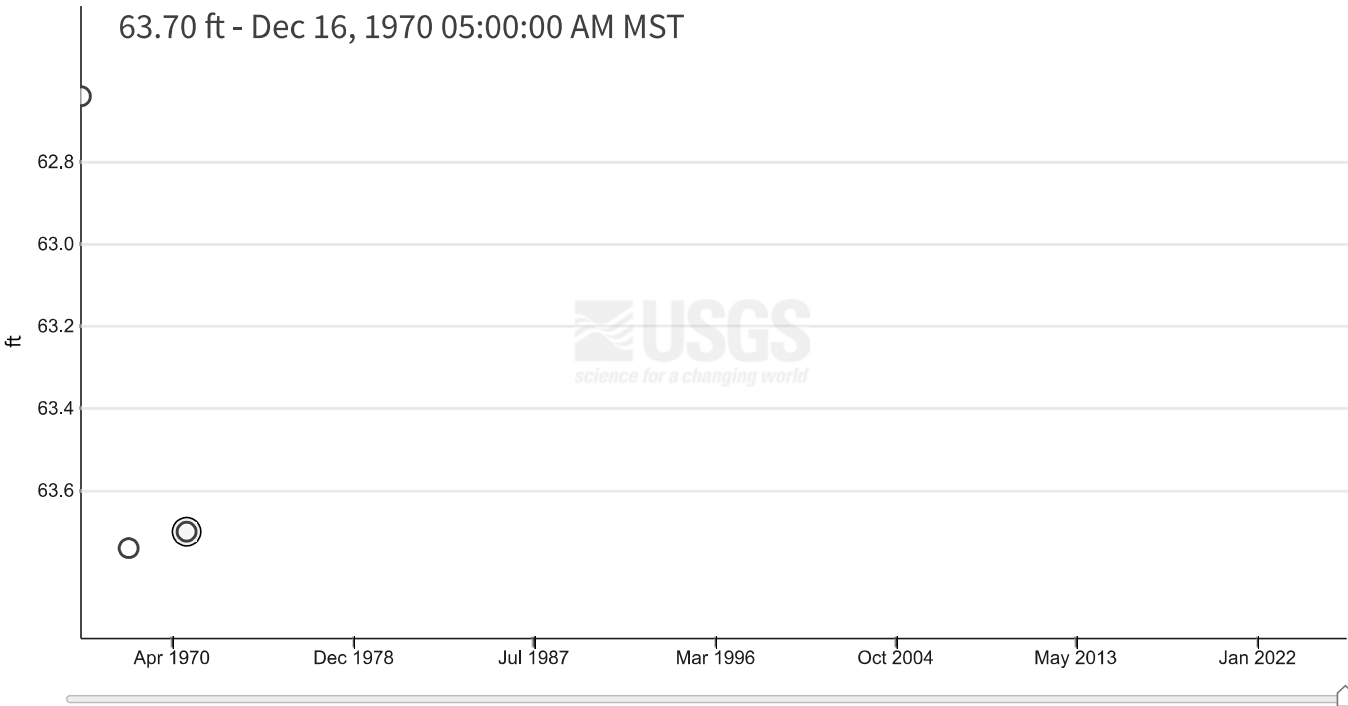
Log

Field measurements

21S.37E.04.42242 - USGS-323012103093301

December 2, 1965 - April 2, 2026

Depth to water level, feet below land surface



IMPORTANT Data may be [provisional](#)

Show legend ▾

Hide graph details ▲

	Value	Status	
☒ Selected field measurement	63.70	Approved Static	Dec 16, 1970 05:00:00 AM MST

Hide graph details ▲

Change time span

Download data

View data records

Available data

Select data types to graph from categories based on the way the data were collected.
Learn about the data collection categories

Expand all data collections

Continuous data

0 data types available

Daily data

0 data types available

Field measurements

3 data types available - data from 1965-12-02 to 1970-12-16

Hide these data types

Field measurements are physically measured values collected during a visit to the monitoring location.

[Learn about Field measurements](#)

	Data type	Data date range
Graphed	Depth to water level, feet below land surface	1965-12-02 1970-12-16
Graph it	Groundwater level above NAVD 1988, feet	1965-12-02 1970-12-16
Graph it	Groundwater level above NGVD 1929, feet	1965-12-02 1970-12-16

Hide these data types

Discrete sample data

0 observed properties (data types) available

Statistical tables for select daily data types

0 data types available

Location details and information

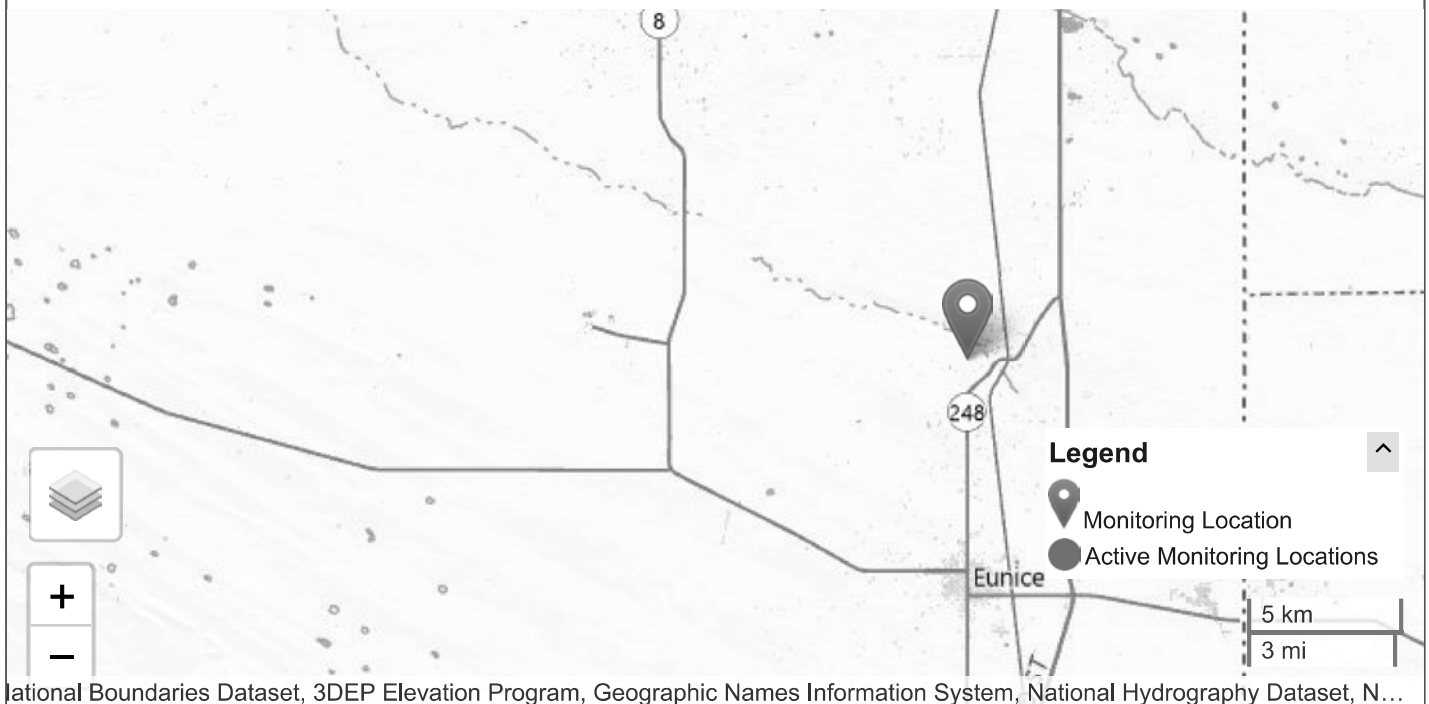
Show location details

Monitoring locations with continuous data in last 120 days

No locations found

Zoom out to see link to My Favorites

Use [Explore USGS Water Data](#) to discover additional data near this location



National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, N...

Interested in understanding how to access the upstream/downstream data? [Learn about the Network-Linked Data Index \(NLDI\)](#).

[DOI Privacy Policy](#) | [Legal](#) | [Accessibility](#) | [Site Map](#) | [Contact USGS](#)

[Follow](#)

[U.S. Department of the Interior](#) | [DOI Inspector General](#) | [White House](#) | [No Fear Act](#) | [FOIA](#)



APPENDIX B

Photographic Log

**Photographic Log**

Hilcorp Energy Company
Northeast Drinkard Unit #302
nAPP2536449270



Photograph: 1 Date: 1/5/2026
Description: Soil staining near wellhead
View: South



Photograph: 2 Date: 1/5/2026
Description: Soil staining near LS01
View: West



Photograph: 3 Date: 1/5/2026
Description: Soil staining within release extent
View: North



Photograph: 4 Date: 1/5/2026
Description: Soil staining within release extent
View: Southeast



Photographic Log

Hilcorp Energy Company
Northeast Drinkard Unit #302
nAPP2536449270



Photograph: 5 Date: 2/23/2026
Description: Excavation activities
View: South



Photograph: 6 Date: 2/23/2026
Description: Excavation activities
View: Northeast



Photograph: 7 Date: 2/24/2026
Description: Excavation activities
View: North



Photograph: 8 Date: 2/25/2026
Description: Excavation activities
View: West



Photographic Log

Hilcorp Energy Company
Northeast Drinkard Unit #302
nAPP2536449270

68°E (T) 32.502429°N, 103.158444°W ±29ft ▲ 3471ft



Photograph: 9 Date: 2/25/2026
Description: Excavation activities
View: East

104°E (T) 32.502646°N, 103.158607°W ±16ft ▲ 3460ft



Photograph: 10 Date: 2/26/2026
Description: Excavation activities
View: East

249°W (T) 32.502512°N, 103.158261°W ±9ft ▲ 3478ft



Photograph: 11 Date: 2/26/2026
Description: Excavation activities near SW02
View: West

238°SW (T) 32.502543°N, 103.158300°W ±22ft ▲ 3470ft



Photograph: 12 Date: 3/3/2026
Description: Excavation activities near SW01
View: Southwest

**Photographic Log**

Hilcorp Energy Company
Northeast Drinkard Unit #302
nAPP2536449270



Photograph: 13 Date: 3/3/2026
Description: Excavation activities near FS02
View: North



Photograph: 14 Date: 3/3/2026
Description: Excavation activities near FS03
View: Northeast



Photograph: 15 Date: 3/4/2026
Description: Excavation activities near FS07
View: North



Photograph: 16 Date: 3/9/2026
Description: Excavation activities near SW05
View: North

**Photographic Log**

Hilcorp Energy Company
Northeast Drinkard Unit #302
nAPP2536449270



Photograph: 17 Date: 3/9/2026
Description: Excavation activities near SW03
View: West

Photograph: 18 Date: 3/12/2026
Description: Excavation activities near SW04
View: North



Photograph: 19 Date: 3/13/2026
Description: Excavation activities near SW06
View: East

Photograph: 20 Date: 3/26/2026
Description: Excavation activities near FS03A
View: Northwest

**Photographic Log**

Hilcorp Energy Company
Northeast Drinkard Unit #302
nAPP2536449270



Photograph: 21 Date: 3/26/2026
Description: Excavation activities near SW06
View: East



Photograph: 22 Date: 3/27/2026
Description: Excavation activities near SW05A/FS02A
View: Northeast



Photograph: 23 Date: 3/27/2026
Description: Excavation activities near SW02
View: West



Photograph: 24 Date: 3/27/2026
Description: Backfill activities
View: Northeast



APPENDIX C

Laboratory Analytical Reports



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

January 12, 2026

KALEI JENNINGS

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: NEDU #302

Enclosed are the results of analyses for samples received by the laboratory on 01/06/26 12:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 07F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: LS 01 0.5' (H260034-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/06/2026	ND	1.93	96.7	2.00	2.23	
Toluene*	<0.050	0.050	01/06/2026	ND	1.89	94.5	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/06/2026	ND	2.00	100	2.00	4.03	
Total Xylenes*	<0.150	0.150	01/06/2026	ND	6.07	101	6.00	3.71	
Total BTX	<0.300	0.300	01/06/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 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	48.0	16.0	01/06/2026	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	604	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	110	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 85.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.0 % 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

Analytical Results For:

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

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 07F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: LS 02 0.5' (H260034-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/06/2026	ND	1.93	96.7	2.00	2.23		
Toluene*	<0.050	0.050	01/06/2026	ND	1.89	94.5	2.00	3.78		
Ethylbenzene*	<0.050	0.050	01/06/2026	ND	2.00	100	2.00	4.03		
Total Xylenes*	<0.150	0.150	01/06/2026	ND	6.07	101	6.00	3.71		
Total BTX	<0.300	0.300	01/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	80.0	16.0	01/06/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 82.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.8 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 07F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: LS 03 0.5' (H260034-03)

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	01/06/2026	ND	1.93	96.7	2.00	2.23		
Toluene*	<0.050	0.050	01/06/2026	ND	1.89	94.5	2.00	3.78		
Ethylbenzene*	<0.050	0.050	01/06/2026	ND	2.00	100	2.00	4.03		
Total Xylenes*	<0.150	0.150	01/06/2026	ND	6.07	101	6.00	3.71		
Total BTEx	<0.300	0.300	01/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 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	16.0	16.0	01/06/2026	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 89.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.0 % 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

Analytical Results For:

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

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 07F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: LS 04 0.5' (H260034-04)

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	01/06/2026	ND	1.82	90.8	2.00	3.02		
Toluene*	<0.050	0.050	01/06/2026	ND	1.81	90.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/06/2026	ND	1.93	96.6	2.00	2.38		
Total Xylenes*	<0.150	0.150	01/06/2026	ND	5.85	97.4	6.00	2.38		
Total BTEx	<0.300	0.300	01/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 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	48.0	16.0	01/06/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 90.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.1 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 07F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: LS 05 0.5' (H260034-05)

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	01/07/2026	ND	1.82	90.8	2.00	3.02		
Toluene*	<0.050	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38		
Total Xylenes*	<0.150	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38		
Total BTEx	<0.300	0.300	01/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 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	16.0	16.0	01/06/2026	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 99.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.0 % 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

Analytical Results For:

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

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 07F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: LS 06 0.5' (H260034-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/07/2026	ND	1.82	90.8	2.00	3.02		
Toluene*	<0.050	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38		
Total Xylenes*	<0.150	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38		
Total BTX	<0.300	0.300	01/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 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	<16.0	16.0	01/06/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.0 % 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

Analytical Results For:

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

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 07F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: LS 07 0.5' (H260034-07)

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	01/07/2026	ND	1.82	90.8	2.00	3.02		
Toluene*	<0.050	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38		
Total Xylenes*	<0.150	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38		
Total BTEx	<0.300	0.300	01/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 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	<16.0	16.0	01/06/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 88.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.6 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 07F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: LS 08 0.5' (H260034-08)

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	01/07/2026	ND	1.82	90.8	2.00	3.02		
Toluene*	<0.050	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38		
Total Xylenes*	<0.150	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38		
Total BTEx	<0.300	0.300	01/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 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	<16.0	16.0	01/06/2026	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 99.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.5 % 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.

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

Celey D. Keene, Lab Director/Quality Manager



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

January 12, 2026

KALEI JENNINGS

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: NEDU #302

Enclosed are the results of analyses for samples received by the laboratory on 01/06/26 12:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS 01 0.5' (H260035-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.179	0.050	01/07/2026	ND	1.82	90.8	2.00	3.02	
Toluene*	3.64	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43	
Ethylbenzene*	4.03	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38	
Total Xylenes*	11.0	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38	
Total BTX	18.8	0.300	01/07/2026	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	1360	16.0	01/06/2026	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	422	50.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	2020	50.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	136	50.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 117 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS 02 0.5' (H260035-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.174	0.050	01/07/2026	ND	1.82	90.8	2.00	3.02	
Toluene*	0.289	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43	
Ethylbenzene*	0.106	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38	
Total Xylenes*	0.277	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38	
Total BTX	0.847	0.300	01/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	2270	16.0	01/06/2026	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	50.8	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	10.5	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 86.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.2 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS 03 0.5' (H260035-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.03	0.500	01/07/2026	ND	1.82	90.8	2.00	3.02	
Toluene*	6.14	0.500	01/07/2026	ND	1.81	90.7	2.00	2.43	
Ethylbenzene*	9.38	0.500	01/07/2026	ND	1.93	96.6	2.00	2.38	
Total Xylenes*	29.8	1.50	01/07/2026	ND	5.85	97.4	6.00	2.38	
Total BTX	46.3	3.00	01/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	1300	16.0	01/06/2026	ND	416	104	400	7.41		

TPH 8015M	mg/kg		Analyzed By: JF					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1090	50.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	7310	50.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	1010	50.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 197 % 52.4-130

Surrogate: 1-Chlorooctadecane 167 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS 04 0.5' (H260035-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.092	0.050	01/07/2026	ND	1.82	90.8	2.00	3.02	
Toluene*	0.102	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43	
Ethylbenzene*	0.062	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38	
Total Xylenes*	0.227	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38	
Total BTEX	0.482	0.300	01/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	01/06/2026	ND	448	112	400	3.51	QM-07

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	117	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	17.9	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 98.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.9 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS 05 0.5' (H260035-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2026	ND	1.82	90.8	2.00	3.02	
Toluene*	0.076	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43	
Ethylbenzene*	0.144	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38	
Total Xylenes*	0.624	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38	
Total BTX	0.844	0.300	01/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	1890	16.0	01/06/2026	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	20.1	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	338	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	40.3	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 87.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.8 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS 06 0.5' (H260035-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/07/2026	ND	1.82	90.8	2.00	3.02		
Toluene*	<0.050	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43		
Ethylbenzene*	<0.050	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38		
Total Xylenes*	<0.150	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38		
Total BTX	<0.300	0.300	01/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 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	2240	16.0	01/06/2026	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2026	ND	215	108	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/06/2026	ND	224	112	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 88.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.2 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS 07 0.5' (H260035-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.09	0.500	01/07/2026	ND	1.82	90.8	2.00	3.02	
Toluene*	8.57	0.500	01/07/2026	ND	1.81	90.7	2.00	2.43	
Ethylbenzene*	11.8	0.500	01/07/2026	ND	1.93	96.6	2.00	2.38	
Total Xylenes*	32.4	1.50	01/07/2026	ND	5.85	97.4	6.00	2.38	
Total BTEX	53.8	3.00	01/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	01/06/2026	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: JF						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	1140	50.0	01/06/2026	ND	209	104	200	1.42		
DRO >C10-C28*	12400	50.0	01/06/2026	ND	192	96.1	200	2.23		
EXT DRO >C28-C36	2990	50.0	01/06/2026	ND						

Surrogate: 1-Chlorooctane 178 % 52.4-130

Surrogate: 1-Chlorooctadecane 328 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 01/06/2026
Reported: 01/12/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 01/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SS 08 0.5' (H260035-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2026	ND	1.82	90.8	2.00	3.02	
Toluene*	0.276	0.050	01/07/2026	ND	1.81	90.7	2.00	2.43	
Ethylbenzene*	0.186	0.050	01/07/2026	ND	1.93	96.6	2.00	2.38	
Total Xylenes*	0.466	0.150	01/07/2026	ND	5.85	97.4	6.00	2.38	
Total BTX	0.928	0.300	01/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	1310	16.0	01/06/2026	ND	448	112	400	3.51		

TPH 8015M	mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.7	10.0	01/06/2026	ND	209	104	200	1.42	
DRO >C10-C28*	1180	10.0	01/06/2026	ND	192	96.1	200	2.23	
EXT DRO >C28-C36	252	10.0	01/06/2026	ND					

Surrogate: 1-Chlorooctane 93.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 112 % 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-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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.

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 11, 2026

ALEX FERRELL

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: NEDU 302

Enclosed are the results of analyses for samples received by the laboratory on 03/05/26 13:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 ALEX FERRELL
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 03/05/2026
 Reported: 03/11/2026
 Project Name: NEDU 302
 Project Number: 03F1988001
 Project Location: HILCORP-LEA COUNTY, NM

Sampling Date: 03/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 01 5' (H261238-01)

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	03/06/2026	ND	1.98	98.8	2.00	2.01		
Toluene*	<0.050	0.050	03/06/2026	ND	1.83	91.4	2.00	2.48		
Ethylbenzene*	<0.050	0.050	03/06/2026	ND	1.81	90.5	2.00	3.27		
Total Xylenes*	<0.150	0.150	03/06/2026	ND	5.38	89.6	6.00	3.56		
Total BTEX	<0.300	0.300	03/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	03/06/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/05/2026	ND	193	96.7	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/05/2026	ND					

Surrogate: 1-Chlorooctane 66.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.7 % 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
ALEX FERRELL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received: 03/05/2026
Reported: 03/11/2026
Project Name: NEDU 302
Project Number: 03F1988001
Project Location: HILCORP-LEA COUNTY, NM

Sampling Date: 03/04/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 02 6' (H261238-02)

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	03/06/2026	ND	1.98	98.8	2.00	2.01		
Toluene*	<0.050	0.050	03/06/2026	ND	1.83	91.4	2.00	2.48		
Ethylbenzene*	<0.050	0.050	03/06/2026	ND	1.81	90.5	2.00	3.27		
Total Xylenes*	<0.150	0.150	03/06/2026	ND	5.38	89.6	6.00	3.56		
Total BTEx	<0.300	0.300	03/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	624	16.0	03/06/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57	
DRO >C10-C28*	29.6	10.0	03/05/2026	ND	193	96.7	200	9.15	
EXT DRO >C28-C36	13.4	10.0	03/05/2026	ND					

Surrogate: 1-Chlorooctane 64.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.9 % 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
 ALEX FERRELL
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 03/05/2026
 Reported: 03/11/2026
 Project Name: NEDU 302
 Project Number: 03F1988001
 Project Location: HILCORP-LEA COUNTY, NM

Sampling Date: 03/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 03 6' (H261238-03)

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	03/06/2026	ND	1.98	98.8	2.00	2.01		
Toluene*	<0.050	0.050	03/06/2026	ND	1.83	91.4	2.00	2.48		
Ethylbenzene*	<0.050	0.050	03/06/2026	ND	1.81	90.5	2.00	3.27		
Total Xylenes*	<0.150	0.150	03/06/2026	ND	5.38	89.6	6.00	3.56		
Total BTEx	<0.300	0.300	03/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	80.0	16.0	03/06/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57	
DRO >C10-C28*	183	10.0	03/05/2026	ND	193	96.7	200	9.15	
EXT DRO >C28-C36	70.7	10.0	03/05/2026	ND					

Surrogate: 1-Chlorooctane 73.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.2 % 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
ALEX FERRELL
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received: 03/05/2026
Reported: 03/11/2026
Project Name: NEDU 302
Project Number: 03F1988001
Project Location: HILCORP-LEA COUNTY, NM

Sampling Date: 03/04/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 05 6' (H261238-04)

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	03/06/2026	ND	1.98	98.8	2.00	2.01		
Toluene*	<0.050	0.050	03/06/2026	ND	1.83	91.4	2.00	2.48		
Ethylbenzene*	<0.050	0.050	03/06/2026	ND	1.81	90.5	2.00	3.27		
Total Xylenes*	<0.150	0.150	03/06/2026	ND	5.38	89.6	6.00	3.56		
Total BTEx	<0.300	0.300	03/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	384	16.0	03/06/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/05/2026	ND	193	96.7	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/05/2026	ND					

Surrogate: 1-Chlorooctane 77.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.9 % 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
 ALEX FERRELL
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 03/05/2026
 Reported: 03/11/2026
 Project Name: NEDU 302
 Project Number: 03F1988001
 Project Location: HILCORP-LEA COUNTY, NM

Sampling Date: 03/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 07 6' (H261238-06)

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	03/06/2026	ND	1.98	98.8	2.00	2.01		
Toluene*	<0.050	0.050	03/06/2026	ND	1.83	91.4	2.00	2.48		
Ethylbenzene*	<0.050	0.050	03/06/2026	ND	1.81	90.5	2.00	3.27		
Total Xylenes*	<0.150	0.150	03/06/2026	ND	5.38	89.6	6.00	3.56		
Total BTEX	<0.300	0.300	03/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	128	16.0	03/06/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/05/2026	ND	193	96.7	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/05/2026	ND					

Surrogate: 1-Chlorooctane 76.2 % 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

Analytical Results For:

ENSOLUM, LLC
 ALEX FERRELL
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 03/05/2026
 Reported: 03/11/2026
 Project Name: NEDU 302
 Project Number: 03F1988001
 Project Location: HILCORP-LEA COUNTY, NM

Sampling Date: 03/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 8 6' (H261238-07)

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	03/06/2026	ND	1.98	98.8	2.00	2.01		
Toluene*	<0.050	0.050	03/06/2026	ND	1.83	91.4	2.00	2.48		
Ethylbenzene*	<0.050	0.050	03/06/2026	ND	1.81	90.5	2.00	3.27		
Total Xylenes*	<0.150	0.150	03/06/2026	ND	5.38	89.6	6.00	3.56		
Total BTEX	<0.300	0.300	03/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	96.0	16.0	03/06/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/05/2026	ND	193	96.7	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/05/2026	ND					

Surrogate: 1-Chlorooctane 78.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.9 % 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
 ALEX FERRELL
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 03/05/2026
 Reported: 03/11/2026
 Project Name: NEDU 302
 Project Number: 03F1988001
 Project Location: HILCORP-LEA COUNTY, NM

Sampling Date: 03/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS 11 5' (H261238-08)

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	03/06/2026	ND	1.98	98.8	2.00	2.01		
Toluene*	<0.050	0.050	03/06/2026	ND	1.83	91.4	2.00	2.48		
Ethylbenzene*	<0.050	0.050	03/06/2026	ND	1.81	90.5	2.00	3.27		
Total Xylenes*	<0.150	0.150	03/06/2026	ND	5.38	89.6	6.00	3.56		
Total BTEX	<0.300	0.300	03/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	160	16.0	03/06/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57	
DRO >C10-C28*	<10.0	10.0	03/05/2026	ND	193	96.7	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/05/2026	ND					

Surrogate: 1-Chlorooctane 77.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.8 % 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

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.

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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



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

March 13, 2026

KALEI JENNINGS

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: NEDU #302

Enclosed are the results of analyses for samples received by the laboratory on 03/10/26 13:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/10/2026
Reported: 03/13/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 09 6' (H261348-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2026	ND	1.96	97.9	2.00	5.78	
Toluene*	<0.050	0.050	03/11/2026	ND	1.80	89.9	2.00	6.05	
Ethylbenzene*	<0.050	0.050	03/11/2026	ND	1.78	89.1	2.00	5.96	
Total Xylenes*	<0.150	0.150	03/11/2026	ND	5.28	88.1	6.00	5.97	
Total BTX	<0.300	0.300	03/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	112	16.0	03/11/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2026	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	03/10/2026	ND	216	108	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/10/2026	ND					

Surrogate: 1-Chlorooctane 88.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.9 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/10/2026
Reported: 03/13/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 10 6' (H261348-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/11/2026	ND	1.96	97.9	2.00	5.78		
Toluene*	<0.050	0.050	03/11/2026	ND	1.80	89.9	2.00	6.05		
Ethylbenzene*	<0.050	0.050	03/11/2026	ND	1.78	89.1	2.00	5.96		
Total Xylenes*	<0.150	0.150	03/11/2026	ND	5.28	88.1	6.00	5.97		
Total BTX	<0.300	0.300	03/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	80.0	16.0	03/11/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2026	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	03/10/2026	ND	216	108	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/10/2026	ND					

Surrogate: 1-Chlorooctane 87.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.3 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/10/2026
Reported: 03/13/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW 01 0-6' (H261348-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2026	ND	1.96	97.9	2.00	5.78	
Toluene*	<0.050	0.050	03/11/2026	ND	1.80	89.9	2.00	6.05	
Ethylbenzene*	<0.050	0.050	03/11/2026	ND	1.78	89.1	2.00	5.96	
Total Xylenes*	<0.150	0.150	03/11/2026	ND	5.28	88.1	6.00	5.97	
Total BTX	<0.300	0.300	03/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	112	16.0	03/11/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2026	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	03/11/2026	ND	216	108	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/11/2026	ND					

Surrogate: 1-Chlorooctane 85.2 % 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

Analytical Results For:

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

Received: 03/10/2026
Reported: 03/13/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW 02 0-6' (H261348-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/11/2026	ND	1.96	97.9	2.00	5.78		
Toluene*	<0.050	0.050	03/11/2026	ND	1.80	89.9	2.00	6.05		
Ethylbenzene*	<0.050	0.050	03/11/2026	ND	1.78	89.1	2.00	5.96		
Total Xylenes*	<0.150	0.150	03/11/2026	ND	5.28	88.1	6.00	5.97		
Total BTX	<0.300	0.300	03/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	48.0	16.0	03/11/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2026	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	03/11/2026	ND	216	108	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/11/2026	ND					

Surrogate: 1-Chlorooctane 81.3 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/10/2026
Reported: 03/13/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/09/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW 05 0-6' (H261348-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/11/2026	ND	1.96	97.9	2.00	5.78		
Toluene*	<0.050	0.050	03/11/2026	ND	1.80	89.9	2.00	6.05		
Ethylbenzene*	<0.050	0.050	03/11/2026	ND	1.78	89.1	2.00	5.96		
Total Xylenes*	<0.150	0.150	03/11/2026	ND	5.28	88.1	6.00	5.97		
Total BTX	<0.300	0.300	03/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	80.0	16.0	03/11/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2026	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	03/11/2026	ND	216	108	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	03/11/2026	ND					

Surrogate: 1-Chlorooctane 83.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.6 % 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.

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

April 02, 2026

KALEI JENNINGS

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: NEDU #302

Enclosed are the results of analyses for samples received by the laboratory on 03/27/26 15:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS 02 A 6.5' (H261743-01)

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	03/31/2026	ND	2.02	101	2.00	0.787		
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870		
Total BTEX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	48.0	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 106 % 52.4-130

Surrogate: 1-Chlorooctadecane 106 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/26/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS 03 A 6.5' (H261743-02)

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	03/31/2026	ND	2.02	101	2.00	0.787	
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870	
Total BTEx	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	80.0	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 95.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 96.0 % 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

Analytical Results For:

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

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/26/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS 04 6.5' (H261743-03)

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	03/31/2026	ND	2.02	101	2.00	0.787		
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870		
Total BTEX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	160	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/26/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS 06 6.5' (H261743-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2026	ND	2.02	101	2.00	0.787		
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870		
Total BTX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	144	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 104 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/26/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS 12 6' (H261743-05)

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	03/31/2026	ND	2.02	101	2.00	0.787		
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870		
Total BTEX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 85.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.4 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW 03 0-6' (H261743-06)

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	03/31/2026	ND	2.02	101	2.00	0.787	
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870	
Total BTEX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	176	16.0	03/30/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 98.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 102 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/26/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW 04 0-6.5' (H261743-07)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2026	ND	2.02	101	2.00	0.787	
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870	
Total BTX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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	<16.0	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 102 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/26/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW 05A 0-6.5' (H261743-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2026	ND	2.02	101	2.00	0.787		
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870		
Total BTX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	80.0	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 103 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW 06 0-6.5' (H261743-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2026	ND	2.02	101	2.00	0.787	
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870	
Total BTX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	32.0	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 107 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW 07 0-6.5' (H261743-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2026	ND	2.02	101	2.00	0.787		
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870		
Total BTEX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	96.0	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 104 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW 08 0-6.5' (H261743-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2026	ND	2.02	101	2.00	0.787		
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870		
Total BTX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	224	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 106 % 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
KALEI JENNINGS
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 03/27/2026
Reported: 04/02/2026
Project Name: NEDU #302
Project Number: 03F1988001
Project Location: HILCORP 32.5026111-103.1585

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BF 01 NE (H261743-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2026	ND	2.02	101	2.00	0.787	
Toluene*	<0.050	0.050	03/31/2026	ND	1.80	90.1	2.00	0.0802	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	1.74	87.1	2.00	0.215	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	5.13	85.5	6.00	0.0870	
Total BTEX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	48.0	16.0	03/30/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2026	ND	213	106	200	0.846	
DRO >C10-C28*	<10.0	10.0	03/30/2026	ND	216	108	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	03/30/2026	ND					

Surrogate: 1-Chlorooctane 98.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 97.9 % 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.

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC.						P.O. #:						BILL TO						ANALYSIS REQUEST																																									
Project Manager: Kalei Jennings												Company: Hilcorp																																															
Address: 3122 National Parks Hwy												Attn: Billy Ginn																																															
City: Carlsbad						State: NM Zip: 88220						Address:																																															
Phone #: 512-709-2473						Fax #:						City:																																															
Project #: 03F1988001						Project Owner: Hilcorp						State:																																															
Project Name: NEDU 302						Phone #:																																																					
Project Location: Lea County, New Mexico						Fax #:																																																					
Sampler Name: Alex Ferrell																																																											
FOR LAB USE ONLY																																																											
Lab I.D.						Sample I.D.						Sample Depth						(G)RAB OR (C)OMP.																																									
												# CONTAINERS																																															
												GROUNDWATER																																															
												WASTEWATER																																															
												SOIL																																															
												OIL																																															
												SLUDGE																																															
												OTHER :																																															
												ACID/BASE:																																															
												ICE / COOL																																															
												OTHER :																																															
												DATE						TIME																																									
FS02A						6.5'						C 1						X						3/27/2026						1100						X						X						X											
FS03A						6.5'						C 1						X												3/26/2026						935						X						X						X					
FS04						6.5'						C 1						X												3/26/2026						940						X						X						X					
FS06						6.5'						C 1						X												3/26/2026						945						X						X						X					
FS12						6'						C 1						X												3/26/2026						1010						X						X						X					
SW03						0-6'						C 1						X												3/27/2026						1030						X						X						X					
SW04						0-6.5'						C 1						X												3/26/2026						1520						X						X						X					
SW05A						0-6.5'						C 1						X												3/26/2026						1515						X						X						X					
SW06						0-6.5'						C 1						X												3/27/2026						1035						X						X						X					
SW07						0-6.5'						C 1						X												3/27/2026						1000						X						X						X					
PLEASE NOTE: Liability and Damages. Cardholder'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: 3/21/26						Received By:						Verbal Result: ☐ Yes ☒ No Add'l Phone #: AS 090601K																																									
Time: 3:47 PM						Time: 3:47 PM						Time: 3:47 PM						All Results are emailed. Please provide Email address: AFerrell@ensolum.com KJennings@ensolum.com																																									
Relinquished By:						Date: 3/21/26						Received By:						REMARKS:																																									
Time: 1:51 P						Time: 1:51 P						Turnaround Time: Standard ☒ Rush ☐ 5-Day ☐						Bacteria (only) Sample Condition Cool Intact ☐ Observed Temp. °C Corrected Temp. °C																																									
Delivered By: (Circle One)						Observed Temp. °C						Corrected Temp. °C						Thermometer ID #140 Correction Factor +0.3°C																																									
Sampler - UPS - Bus - Other: FORM-006 R 3.6 02/12/25						Cool Impact ☒ Yes ☐ No						CHECKED BY: (Initials) BP																																															

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 596183

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 596183
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2536449270
Incident Name	NAPP2536449270 NORTHEAST DRINKARD UNIT #302 @ 30-025-06516
Incident Type	Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-06516] NORTHEAST DRINKARD UNIT #302

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	NORTHEAST DRINKARD UNIT #302
Date Release Discovered	12/30/2025
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Other
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 Other (Specify) Crude Oil Released: 7 BBL Recovered: 5 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 18 BBL Recovered: 18 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<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 596183

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 596183
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 06/16/2026
--	--

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 596183

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 596183
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
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)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	2400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	16530
GRO+DRO (EPA SW-846 Method 8015M)	13540
BTEX (EPA SW-846 Method 8021B or 8260B)	53.8
Benzene (EPA SW-846 Method 8021B or 8260B)	1.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/05/2026
On what date will (or did) the final sampling or liner inspection occur	03/27/2026
On what date will (or was) the remediation complete(d)	03/27/2026
What is the estimated surface area (in square feet) that will be reclaimed	2370
What is the estimated volume (in cubic yards) that will be reclaimed	730
What is the estimated surface area (in square feet) that will be remediated	2370
What is the estimated volume (in cubic yards) that will be remediated	730
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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 596183

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 596183
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 06/16/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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 596183

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 596183
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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 596183

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 596183
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	563912
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/27/2026
What was the (estimated) number of samples that were to be gathered	15
What was the sampling surface area in square feet	10000

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	2370
What was the total volume (cubic yards) remediated	730
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	2370
What was the total volume (in cubic yards) reclaimed	730
Summarize any additional remediation activities not included by answers (above)	The site was excavated and sampled between January 5 and March 27, 2026. Final excavation was 2,370 sq ft with approximately 730 cy of impacted soil removed. Laboratory analytical results for all confirmation soil samples indicated that all COC concentrations were compliant with Site Closure Criteria, and no further remediation was required. Hilcorp believes these remedial actions are protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure for Incident Number nAPP2536449270.
<i>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>	
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: 06/16/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 596183

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 596183
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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 596183

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 596183
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2536449270 NORTHEAST DRINKARD UNIT #302, thank you. This Remediation Closure Report is approved.	6/22/2026