Closure Documentation

W Escavada Unit 300H AST Facility
3RF-50 fVV2123855557

Enduring Resources, LLC
200 Energy Court
Farmington, New Mexico 87401

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-147
Revised April 3, 2017

Recycling Facility and/or Recycling Containment

Type of Facility: ☒ Recycling Facility ☒ Recycling Containment*

Type of action: ☐ Permit ☐ Registration
☐ Modification ☐ Extension
☒ Closure ☐ Other (explain) _____

*** At the time C-147 is submitted to the division for a Recycling Containment, a copy shall be provided to the surface owner.**

Be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.

Operator: **Enduring Resources, LLC** (For multiple operators attach page with information) OGRID #: **372286**

Address: **200 Energy Court, Farmington, New Mexico 87401**

Facility or well name (include API# if associated with a well): **W Escavada Unit 300H**

OCD Permit Number: **3RF-50** (For new facilities the permit number will be assigned by the district office)

U/L or Qtr/Qtr **A** Section **17** Township **22N** Range **7W** County: **Sandoval**

Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.

☒ **Recycling Facility:**

Location of recycling facility (if applicable): Latitude **36.14847** Longitude **-107.589762** NAD83

Proposed Use: ☒ Drilling* ☒ Completion* ☒ Production* ☒ Plugging *

The re-use of produced water may NOT be used until fresh water zones are cased and cemented

☐ Other, ***requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on groundwater or surface water.***

☒ Fluid Storage

☒ Above ground tanks ☒ Recycling containment ☐ Activity permitted under 19.15.17 NMAC explain type_____

☐ Activity permitted under 19.15.36 NMAC explain type:_____ ☐ Other explain _____

☐ For multiple or additional recycling containments, attach design and location information of each containment

☒ **Closure Report (required within 60 days of closure completion):** ☒ Recycling Facility Closure Completion Date: **05/31/25**

3.

☒ **Recycling Containment:**

☐ Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)

Center of Recycling Containment (if applicable): Latitude **36.143847** Longitude **-107.589762** NAD83

☒ For multiple or additional recycling containments, attach design and location information of each containment

☒ Lined ☐ Liner type: Thickness **45** mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other _____

☒ String-Reinforced

Liner Seams: ☒ Welded ☐ Factory ☐ Other _____ Volume: **1-50 K & 1-60 K** bbl Dimensions: see tank attachment on approved permit

☒ Recycling Containment Closure Completion Date: **05/31/25**

4.

Bonding:

☒ Covered under bonding pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC **(These containments are limited to only the wells owned or operated by the owners of the containment.)**

☐ Bonding in accordance with 19.15.34.15(A)(1). Amount of bond $_____ **(work on these facilities cannot commence until bonding amounts are approved)**

☐ Attach closure cost estimate and documentation on how the closure cost was calculated.

5.

Fencing:

☒ Four foot height, four strands of barbed wire evenly spaced between one and four feet

☐ Alternate. Please specify_____

6.

Signs:

☒ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.16.8 NMAC

7.

Variances:

Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health, and the environment.

Check the below box only if a variance is requested:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requested, include the variance information on a separate page and attach it to the C-147 as part of the application.

If a Variance is requested, it must be approved prior to implementation.

8.

Siting Criteria for Recycling Containment

Instructions: The applicant must provide attachments that demonstrate compliance for each siting criteria below as part of the application. Potential examples of the siting attachment source material are provided below under each criteria.

General siting

Ground water is less than 50 feet below the bottom of the Recycling Containment. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; written approval obtained from the municipality	☐ Yes ☒ No ☐ NA
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division	☐ Yes ☒ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map	☐ Yes ☒ No
Within a 100-year floodplain. FEMA map	☐ Yes ☒ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; aerial photo; satellite image	☐ Yes ☒ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site	☐ Yes ☒ No

9.
Recycling Facility and/or Containment Checklist:
Instructions: Each of the following items must be attached to the application. Indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements.
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements.
- ☒ Closure Plan - based upon the appropriate requirements.
- ☐ Site Specific Groundwater Data -
- ☐ Siting Criteria Compliance Demonstrations –
- ☐ **Certify that notice of the C-147 (only) has been sent to the surface owner(s)**

10.
Operator Application Certification:
I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief.

Name (Print): **Heather Huntington** Title: **Regulatory Specialist**
Signature: Heather Huntington Date: **07/17/25**
e-mail address: **hhuntington@enduringresources.com** Telephone: **505-636-9751**

11.
OCD Representative Signature: Victoria Venegas **Approval Date:** 07/31/2025
Title: Environmental Specialist **OCD Permit Number:** 3RF-50

- ☒ OCD Conditions
- ☒ Additional OCD Conditions on Attachment

1. **Upon cessation of operations (Defined as the use of less than 20% of the pond's total fluid capacity), Enduring will remove all fluids within 60 days of the official date of cessation.**
   The final date of use was May 30, 2025. All fluids were removed from the containment on May 30, 2025.

2. **Enduring will close the produced water containment within six (6) months from the official date of cessation. If Enduring requires more than 6 months to complete closure activities, an extension request will be filed prior to the six (6) month time limit for closure.**
   The containment was disassembled May 31, 2025, and closure sampling was conducted on June 19, 2025.

3. **Closure activities will consist of the following:**
   a. **Removal of all containment contents**
      All containments were removed on May 31, 2025.
   b. **Removal of liners and associated leak detection equipment for disposal at a division approved facility.**
      All liner and leak detection materials were removed and disposed of at Bondad Landfill.
   c. **Removal of all equipment associated with the continued operation of the recycling containment.**
      All equipment associated with the continued operation of the recycling containment has been removed from the site.
   d. **A 5-point composite soil sample will be collected in the containment area under the location of the liner, and the sample will be analyzed for the constituents listed in *Table I*.**
      See attached sampling closure report. Samples are compliant with Table 1.
4. **Reclamation**
   Final reclamation will be in accordance with the reclamation plan attached to the BLM approved APD associated with the W Escavada Unit 300H.

ENSOLUM

July 16, 2025

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

District III
1000 Rio Brazos Road
Aztec, NM 87410

Re: Tank Closure Request
W Escavada Unit 300H
3RF-50
Facility ID fVV2123855557
Sandoval County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Enduring Resourses (Enduring), has prepared this *Tank Closure Request* to document soil sampling activities performed after tank removal at the W Esacavada Unit 300H (Site). The purpose of the soil sampling activities was to evaluate soil quality per the New Mexico Oil Conservation Division (NMOCD) Recycling Facility and/or Recycling Containment Registration (Form C-147, dated 8/27/2021). Soil sampling work was conducted following removal of the Recycling Containment Aboveground Storage Tanks (ASTs) and infrastructure from the Site. This work was conducted in accordance with the C-147 Registration Package, *W Escavada Unit 300H, August 2021*, approved by the New Mexico Oil Conservation Division (NMOCD) on August 26, 2021. Based on the analytical results from the soil sampling events, Enduring is submitting this *Closure Request* for this facility.

SITE DESCRIPTION

The Site is located in Unit A, Section 17, Township 22 North, Range 7 West, in Sandoval, New Mexico (36.143847°, -107.589762°) and is associated with oil and gas exploration and production operations on New Mexico State Land.

The Site formerly consisted of two above ground storage tanks (AST) of 60,000 barrels (BBL) and 50,000 barrels (BBL). Upon closure all fluids were removed from the facility within 60 days of the date that operations ceased, and the containments were closed from use within six months from the date that Enduring ceased operation. Enduring removed all fluids, contents, synthetic liners, and leak detection piping and transferred these materials to a NMOCD- approved facility for disposal. All other equipment associated with the recycling containment and recycling facility were removed from the Site.

CLOSURE CRITERIA

Based on the approved recycling containment permit (permit number 3RF-50), the following Table I Closure Criteria for Recycling Containments apply per Title 19, Chapter 15, Part 34, Section 14 (19.15.34.14) of the New Mexico Administrative Code (NMAC).

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

SOIL SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

On June 19, 2025, Ensolum personnel were at the Site following the removal of the AST containments. Ensolum collected two 5-point composite soil samples (AST-1 and AST-2) from the ground below where the tanks were previously located. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil sample locations are presented in Figure 2.

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 Eurofins Environmental Testing Laboratories in Albuquerque, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-motor oil range organics (MRO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

The composite sample AST-1 did not detect any concentration of BTEX or GRO. Concentrations of 340 mg/Kg of DRO, 830 mg/Kg of MRO, and 1,900 mg/Kg of chloride were detected in the AST-1 sample however are below the Table 1 Closure Criteria. The composite sample AST-2 did not indicate detections of any analytes. Laboratory analytical results for all confirmation soil samples indicated that all COCs were compliant with the Table 1 Closure Criteria. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included as Attachment 1.

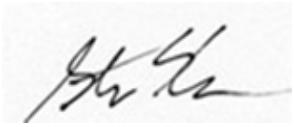
Areas not used in active operations will be reclaimed to a safe and stable condition that blends with the surrounding undisturbed area. Topsoil and subsoil will be replaced to their original relative positions and contoured to achieve erosion control, long term stability, and preservation of surface water flow patterns. The disturbed area will then be reseeded in the first favorable growing season following closure. The impacted surface area will be restored to the condition that existed prior to construction.

Reclamation of all disturbed areas no longer in use shall be considered complete when all ground disturbing activities have been completed and a uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels and total percent plant cover of at least seventy percent of pre-disturbance levels excluding noxious weeds. Soil cover and revegetation will meet standards as required in 19.15.34.14 NMAC.

If you have any questions or comments, please contact us at (303) 913-1350 (skahn@ensolum.com) or (415) 747-9186 (ofroelich@ensolum.com).

Sincerely,
Ensolum, LLC

Osgood Froelich
Associate Scientist

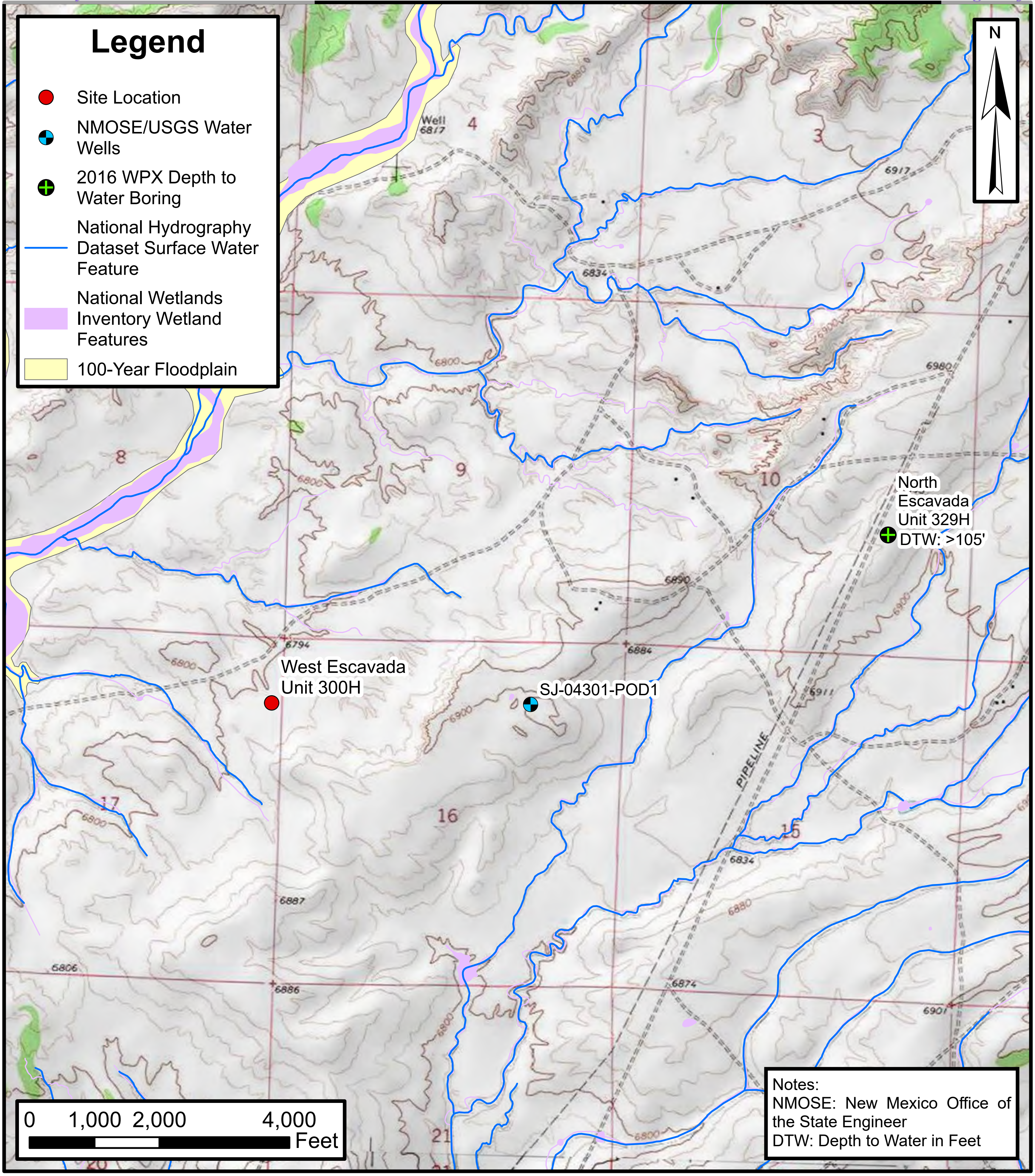


Steve Kahn, PE
Senior Managing Engineer

cc: Navajo Indian Reservation

Attachments:

Figure 1	Site Location Map
Figure 2	Soil Sample Location Map
Table 1	Soil Sample Analytical Results
Attachment 1	Laboratory Analytical Reports & Chain-of-Custody Documentation



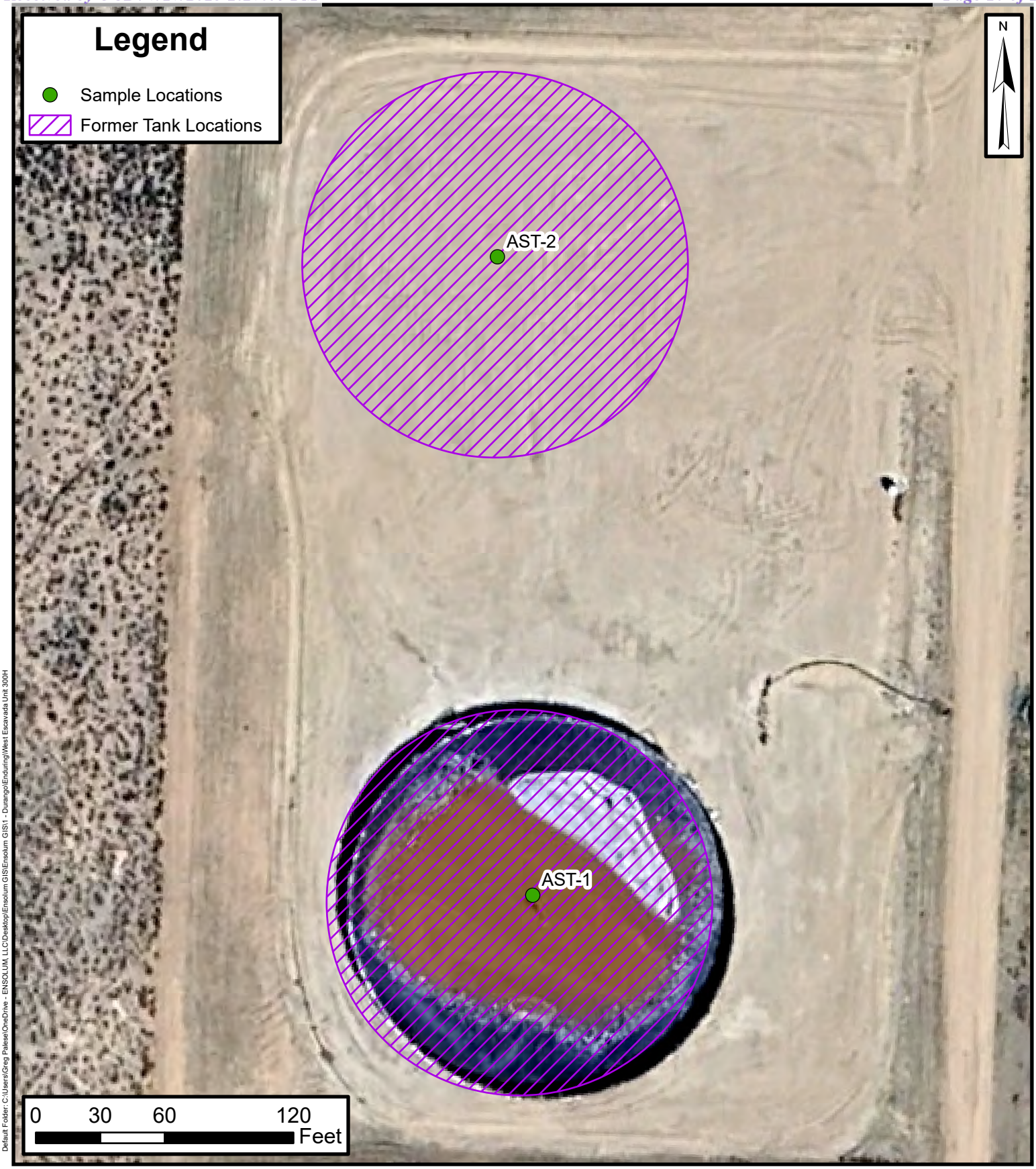
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

West Escavada Unit 300H
Enduring Resources, LLC
36.143847, -107.589762
Sandoval County, New Mexico

FIGURE
1

Sources: Environmental Systems Research Institute (ESRI), United States Geologic Survey (USGS), United States Fish and Wildlife Service (USFWS), National Geographic Society, i-cubed



Default Folder: C:\Users\Greg Pelese\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Enduring\West Escavada Unit 300H

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Soil Sample Locations

West Escavada Unit 300H
Enduring Resources, LLC

36.143847, -107.589762
Sandoval County, New Mexico

FIGURE
2

Sources: Google Earth (2024)

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
W Escavada Unit 300H
Enduring Resources
Sandoval, New Mexico

Sample Identification	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release		**10**	NE	NE	NE	**50**	NE	NE	NE	**1,000**	**2,500**	**10,000**
AST-1	6/19/2025	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	340	830	340	1,170	1,900
AST-2	6/19/2025	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<48	<9.6	<48	<60

Notes:

bgs: Below ground surface
BTEX: Benzene, Toluene, Ethylbenzene, and Xylen
mg/kg: Milligrams per kilogram
NA: Not Analyzed
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
PID: Photoionization detector
ppm: Parts per million
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
MRO: Motor Oil/Lube Oil Range Organics
TPH: Total Petroleum Hydrocarbon
': Feet
< : Indicates result less than the stated laboratory reporting limit (RL)
*Concentrations in **bold** and shaded exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release*

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Bill Lowman
Enduring Resources
200 Energy Court
Farmington, New Mexico 87401

Generated 6/26/2025 4:28:44 PM

JOB DESCRIPTION

WEU 300H AST Sampling

JOB NUMBER

885-27213-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

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Authorized for release by
Erin Munoz, Project Manager
Erin.Munoz@et.eurofinsus.com
Designee for
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)345-3975

Client: Enduring Resources
Project/Site: WEU 300H AST Sampling

Laboratory Job ID: 885-27213-1

Table of Contents

Definitions/Glossary

Client: Enduring Resources
Job ID: 885-27213-1
Project/Site: WEU 300H AST Sampling

Glossary

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

Case Narrative

Client: Enduring Resources
Project: WEU 300H AST Sampling

Job ID: 885-27213-1

Job ID: 885-27213-1 Eurofins Albuquerque

Job Narrative
885-27213-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 6/20/2025 6:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

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

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

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

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

Client Sample Results

Client: Enduring Resources
Project/Site: WEU 300H AST Sampling

Job ID: 885-27213-1

Client Sample ID: AST-1
Date Collected: 06/19/25 11:15
Date Received: 06/20/25 06:10

Lab Sample ID: 885-27213-1
Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		06/20/25 16:31	06/26/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*06/20/25 16:31*	*06/26/25 01:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		06/20/25 16:31	06/26/25 01:24	1
Ethylbenzene	ND		0.048		mg/Kg		06/20/25 16:31	06/26/25 01:24	1
Toluene	ND		0.048		mg/Kg		06/20/25 16:31	06/26/25 01:24	1
Xylenes, Total	ND		0.096		mg/Kg		06/20/25 16:31	06/26/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*06/20/25 16:31*	*06/26/25 01:24*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**340**		10		mg/Kg		06/23/25 14:56	06/24/25 11:21	1
Motor Oil Range Organics [C28-C40]	**830**		50		mg/Kg		06/23/25 14:56	06/24/25 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*06/23/25 14:56*	*06/24/25 11:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1900**		60		mg/Kg		06/23/25 12:40	06/23/25 19:29	20

Client Sample Results

Client: Enduring Resources
Project/Site: WEU 300H AST Sampling

Job ID: 885-27213-1

Client Sample ID: AST-2

Date Collected: 06/19/25 11:45
Date Received: 06/20/25 06:10

Lab Sample ID: 885-27213-2

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		06/20/25 16:31	06/26/25 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*06/20/25 16:31*	*06/26/25 01:46*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		06/20/25 16:31	06/26/25 01:46	1
Ethylbenzene	ND		0.049		mg/Kg		06/20/25 16:31	06/26/25 01:46	1
Toluene	ND		0.049		mg/Kg		06/20/25 16:31	06/26/25 01:46	1
Xylenes, Total	ND		0.099		mg/Kg		06/20/25 16:31	06/26/25 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*06/20/25 16:31*	*06/26/25 01:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		06/23/25 14:56	06/24/25 12:26	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		06/23/25 14:56	06/24/25 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*06/23/25 14:56*	*06/24/25 12:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		06/23/25 12:40	06/23/25 19:40	20

QC Sample Results

Client: Enduring Resources
Project/Site: WEU 300H AST Sampling

Job ID: 885-27213-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-28766/1-A
Matrix: Solid
Analysis Batch: 29012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 28766

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		06/20/25 15:42	06/25/25 17:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*06/20/25 15:42*	*06/25/25 17:03*	*1*

Lab Sample ID: LCS 885-28766/2-A
Matrix: Solid
Analysis Batch: 29012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28766

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	22.6		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*215*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-28766/1-A
Matrix: Solid
Analysis Batch: 29011

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 28766

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		06/20/25 15:42	06/25/25 17:03	1
Ethylbenzene	ND		0.050		mg/Kg		06/20/25 15:42	06/25/25 17:03	1
Toluene	ND		0.050		mg/Kg		06/20/25 15:42	06/25/25 17:03	1
Xylenes, Total	ND		0.10		mg/Kg		06/20/25 15:42	06/25/25 17:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*06/20/25 15:42*	*06/25/25 17:03*	*1*

Lab Sample ID: LCS 885-28766/24-A
Matrix: Solid
Analysis Batch: 29011

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28766

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.972		mg/Kg		97	70 - 130		
Ethylbenzene			1.00	0.998		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene			2.00	2.02		mg/Kg		101	70 - 130		
o-Xylene			1.00	1.02		mg/Kg		102	70 - 130		
Toluene			1.00	0.964		mg/Kg		96	70 - 130		
Xylenes, Total			3.00	3.04		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*

QC Sample Results

Client: Enduring Resources
Project/Site: WEU 300H AST Sampling

Job ID: 885-27213-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28826/1-A
Matrix: Solid
Analysis Batch: 28832

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 28826

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		06/23/25 12:40	06/23/25 14:50	1

Lab Sample ID: LCS 885-28826/2-A
Matrix: Solid
Analysis Batch: 28832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28826

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.9		mg/Kg		96	90 - 110		

QC Association Summary

Client: Enduring Resources
Project/Site: WEU 300H AST Sampling

Job ID: 885-27213-1

GC VOA

Prep Batch: 28766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27213-1	AST-1	Total/NA	Solid	5030C	
885-27213-2	AST-2	Total/NA	Solid	5030C	
MB 885-28766/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-28766/24-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-28766/2-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 29011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27213-1	AST-1	Total/NA	Solid	8021B	28766
885-27213-2	AST-2	Total/NA	Solid	8021B	28766
MB 885-28766/1-A	Method Blank	Total/NA	Solid	8021B	28766
LCS 885-28766/24-A	Lab Control Sample	Total/NA	Solid	8021B	28766

Analysis Batch: 29012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27213-1	AST-1	Total/NA	Solid	8015D	28766
885-27213-2	AST-2	Total/NA	Solid	8015D	28766
MB 885-28766/1-A	Method Blank	Total/NA	Solid	8015D	28766
LCS 885-28766/2-A	Lab Control Sample	Total/NA	Solid	8015D	28766

GC Semi VOA

Prep Batch: 28839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27213-1	AST-1	Total/NA	Solid	SHAKE	
885-27213-2	AST-2	Total/NA	Solid	SHAKE	

Analysis Batch: 28860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27213-1	AST-1	Total/NA	Solid	8015D	28839
885-27213-2	AST-2	Total/NA	Solid	8015D	28839

HPLC/IC

Prep Batch: 28826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27213-1	AST-1	Total/NA	Solid	300_Prep	
885-27213-2	AST-2	Total/NA	Solid	300_Prep	
MB 885-28826/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-28826/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 28832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27213-1	AST-1	Total/NA	Solid	300.0	28826
885-27213-2	AST-2	Total/NA	Solid	300.0	28826
MB 885-28826/1-A	Method Blank	Total/NA	Solid	300.0	28826
LCS 885-28826/2-A	Lab Control Sample	Total/NA	Solid	300.0	28826

Lab Chronicle

Client: Enduring Resources
Project/Site: WEU 300H AST Sampling

Job ID: 885-27213-1

Client Sample ID: AST-1

Lab Sample ID: 885-27213-1
Matrix: Solid
Date Collected: 06/19/25 11:15
Date Received: 06/20/25 06:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			28766	CM	EET ALB	06/20/25 16:31
Total/NA	Analysis	8015D		1	29012	AT	EET ALB	06/26/25 01:24
Total/NA	Prep	5030C			28766	CM	EET ALB	06/20/25 16:31
Total/NA	Analysis	8021B		1	29011	AT	EET ALB	06/26/25 01:24
Total/NA	Prep	SHAKE			28839	EM	EET ALB	06/23/25 14:56
Total/NA	Analysis	8015D		1	28860	EM	EET ALB	06/24/25 11:21
Total/NA	Prep	300_Prep			28826	KB	EET ALB	06/23/25 12:40
Total/NA	Analysis	300.0		20	28832	MA	EET ALB	06/23/25 19:29

Client Sample ID: AST-2

Lab Sample ID: 885-27213-2
Matrix: Solid
Date Collected: 06/19/25 11:45
Date Received: 06/20/25 06:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			28766	CM	EET ALB	06/20/25 16:31
Total/NA	Analysis	8015D		1	29012	AT	EET ALB	06/26/25 01:46
Total/NA	Prep	5030C			28766	CM	EET ALB	06/20/25 16:31
Total/NA	Analysis	8021B		1	29011	AT	EET ALB	06/26/25 01:46
Total/NA	Prep	SHAKE			28839	EM	EET ALB	06/23/25 14:56
Total/NA	Analysis	8015D		1	28860	EM	EET ALB	06/24/25 12:26
Total/NA	Prep	300_Prep			28826	KB	EET ALB	06/23/25 12:40
Total/NA	Analysis	300.0		20	28832	MA	EET ALB	06/23/25 19:40

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Enduring Resources
Job ID: 885-27213-1
Project/Site: WEU 300H AST Sampling

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

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

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: Enduring Resources - 4 corners
Attn: Bill Lawmen
Mailing Address:

Phone #:
email or Fax#: blawmen@enduringresources.com
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard 5 Day TAT ☐ Rush
Project Name: WEU 300H AST Sampling
Project #:
Project Manager: Steve Kahn
Sampler: Aaron Lamemen
On Ice: ☒ Yes ☐ No mgs
# of Coolers: 1
Cooler Temp(including CF): 2.5+0.2=2.7 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORA
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-27213 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
6/19	1115	SOIL	AST-1	4oz Jar			X	X					X			
6/19	1145	SOIL	AST-2	4oz Jar			X	X					X			

Analysis Request

Date	Time	Relinquished by	Received by	Via	Date	Time
6/19/25	1505				6/19/25	1585
6/19/25	1730			Via courier	6/20/25	6:10

Remarks:
CC: skahn@ensolum.com
dburns

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Enduring Resources Job Number: 885-27213-1

Login Number: 27213 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Thursday, July 31, 2025 1:54 PM
To: Heather Huntington
Subject: 3RF-50 - W ESCAVADA UNIT 300H – FACILITY ID [fVV2123855557]
Attachments: C-147 3RF-50 - W ESCAVADA UNIT 300H – FACILITY ID [fVV2123855557] 07.31.2025.pdf

3RF-50 - W ESCAVADA UNIT 300H – FACILITY ID [fVV2123855557]

Good afternoon Ms. Huntington,
NMOCD has reviewed the closure request received from [372286] ENDURING RESOURCES, LLC on 07/17/2025, Application ID 486165, for 3RF-50 - W ESCAVADA UNIT 300H – FACILITY ID [fVV2123855557], in A-17-22N-07W, Sandoval County, New Mexico. The closure request has been approved.

- Please note that according to NMAC 19.15.34.14.E: Once the operator has closed the recycling containment, the operator shall reclaim the containment's location to a safe and stable condition that blends with the surrounding undisturbed area. Topsoils and subsoils shall be replaced with their original relative positions and contoured so as to achieve erosion control, long-term stability and preservation of surface water flow patterns. The disturbed area shall then be reseeded in the first favorable growing season following closure of recycling containment.
- The operator shall substantially restore the impacted surface area to the condition that existed prior to the construction of the recycling containment.
- NMAC 19.15.34.14.G: The re-vegetation and reclamation obligations imposed by federal, state trust land or tribal agencies on land managed by those agencies shall supersede these provisions and govern the obligations of any operator subject to those provisions, provided that the other requirements provide equal or better protection of fresh water, human health, and the environment. In accordance with 19.15.34.14.H, the operator shall notify the division when reclamation and re-vegetation are complete.

Please let me know if you have any additional questions.
Best regards,

Victoria Venegas ● Environmental Specialist Advanced
EMNRD - Oil Conservation Division
506 W. Texas Ave. Artesia, NM 88210
575.909.0269 | **Victoria.Venegas@emnrd.nm.gov**

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

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 486165
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	NMOCD has reviewed the closure request received from [372286] ENDURING RESOURCES, LLC on 07/17/2025, Application ID 486165, for 3RF-50 - W ESCAVADA UNIT 300H – FACILITY ID [fVV2123855557], in A-17-22N-07W, Sandoval County, New Mexico. The closure request has been approved.	7/31/2025