ENSOLUM

June 10, 2026

Shelly Wells, Environmental Specialist - A
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Closure Request Supplemental II**
**W Lybrook 2309-24N SWD-001**
**API Number 30-045-38292**
**Incident Number nAPP2505939388**
**Application ID: 495215**
**San Juan County, New Mexico**

Dear Ms. Wells:

Ensolum, LLC (Ensolum), on behalf of Enduring Resources, LLC (Enduring), has prepared this ***Closure Request Supplemental II*** for the above-mentioned Site. The request is based on prior work conducted and presented in the following submittals:

- Deferral Request dated July 29, 2025,
- Supplemental information submitted September 24, 2025,
- Closure Request dated January 14, 2026, and
- Closure Request Supplemental dated March 3, 2026.

These documents are included for reference in Attachment 1. Prior work and communications were conducted in response to this release with an attempt to defer closure of this Site until major facility deconstruction. The New Mexico Oil Conservation Division (NMOCD) denied the deferral request in email communications dated August 28, 2025 and November 19, 2025. The NMOCD communications requested additional data which was collected during field events and presented in documents listed above. On April 10, 2026, the NMOCD denied the Closure Request (including Supplemental) via email with the following information requested presented below in bold text:

1. ***Depth to groundwater is not confirmed. If nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, data must be no more than 25 years old, and well construction information must be provided. If evidence of depth to ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less. There are impacts remaining at SW03 and FS14R@2' that require deferral.***
2. ***Submit a deferral request to OCD by 5/11/2026.***

On May 8, 2026, on behalf of Enduring, Ensolum submitted an extension request to allow completion of the installation of an onsite soil boring to verify the presence or absence of shallow groundwater at this location. On May 8, 2026, the NMOCD authorized the extension request. These communications have been included for reference in Attachment 2.

To address the NMOCD requests listed above from the April 10, 2026 communication, we have prepared this ***Closure Request Supplemental II***.

Regarding the depth to groundwater confirmation, a soil boring was installed at the Site on May 23, 2026 to a depth of 120 feet below surface grade to evaluate the presence or absence of shallow groundwater at this Site. Story Drilling, LLC, of Aztec, New Mexico was contracted to complete the soil boring. An 8-inch soil boring was installed via air-rotary drilling method. On May 26, 2026, the soil boring was gauged for fluid level. Site data indicate that water was not detected to the total depth of the boring. The local water level for this location is therefore greater than 120 feet below surface grade. The Drilling Log, including photographic evidence and Groundwater Depth Log is included in Attachment 3.

## SITE CHARACTERIZATION AND CLOSURE CRITERIA EVALUATION

As part of the Site investigation, nearby sensitive receptors (shown on Figure 1) were assessed in accordance with Title 19, Chapter 15, Part 29, Sections 11 and 12 (19.15.29.11 and 12) of the New Mexico Administrative Code (NMAC). Potential nearby receptors were assessed through desktop reviews of United States Geological Survey (USGS) topographic maps, Federal Emergency Management Administration (FEMA) Geographic Information System (GIS) maps, New Mexico Office of the State Engineer (NMOSE) database, aerial photographs, and Site-specific observations.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on recent data presented above and included in Attachment 3.

The closest continuously flowing or significant watercourse to the Site is a first order tributary of Kimbeto Wash, located 1,660 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 a wetland or an occupied residence, school, hospital, institution, or church. The Site is greater than 1,000 feet to a freshwater well or spring. The Site is not within a 100-year floodplain, overlying a subsurface mine, and is not underlain by unstable geology. Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following Table I Closure Criteria (Closure Criteria) will be applied to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- TPH as a combination of gasoline range organics (GRO) and diesel range organics (DRO) GRO+DRO: 1,000 mg/kg
- Total petroleum hydrocarbons (TPH) as a combination of GRO, DRO, and motor oil range organics (MRO): 2,500 mg/kg
- Chloride: 20,000 mg/kg.

Additionally, the following Reclamation Requirement applies to the top four feet of soil below surface grade in off-pad locations:

- Total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) and diesel range organics (DRO) and motor oil range organics (MRO): 100 mg/kg
- Chloride: 600 mg/kg

As seen on the attached Table 1, source removal work conducted in March 2025 through May 2025 removed all impacted soil with constituent concentrations exceeding the NMOCD Closure Criteria. Additionally, impacts located on the well pad greater than reclamation requirements are delineated by sample locations BH02, BH03, BH04, BH-S, BH-E, BH-W, and samples SS01 through SS04. Site features including sample locations, release extent, and excavation extent are shown on the attached Figure 2.

Based on the extensive assessment, site characterization, remediation, and documentation work conducted at this location and presented in this and prior communications, Enduring respectfully requests Site Closure and No Further Action Status for Facility Number nAPP2505939388.

If you have any questions or comments, please contact Mr. Steve Kahn at (303) 913-1350 (skahn@ensolum.com) or Mr. Stuart Hyde at 970-903-1607 (shyde@ensolum.com).

Sincerely,
**Ensolum, LLC**

Steve Kahn
Senior Managing Engineer

Stuart Hyde
Senior Managing Geologist

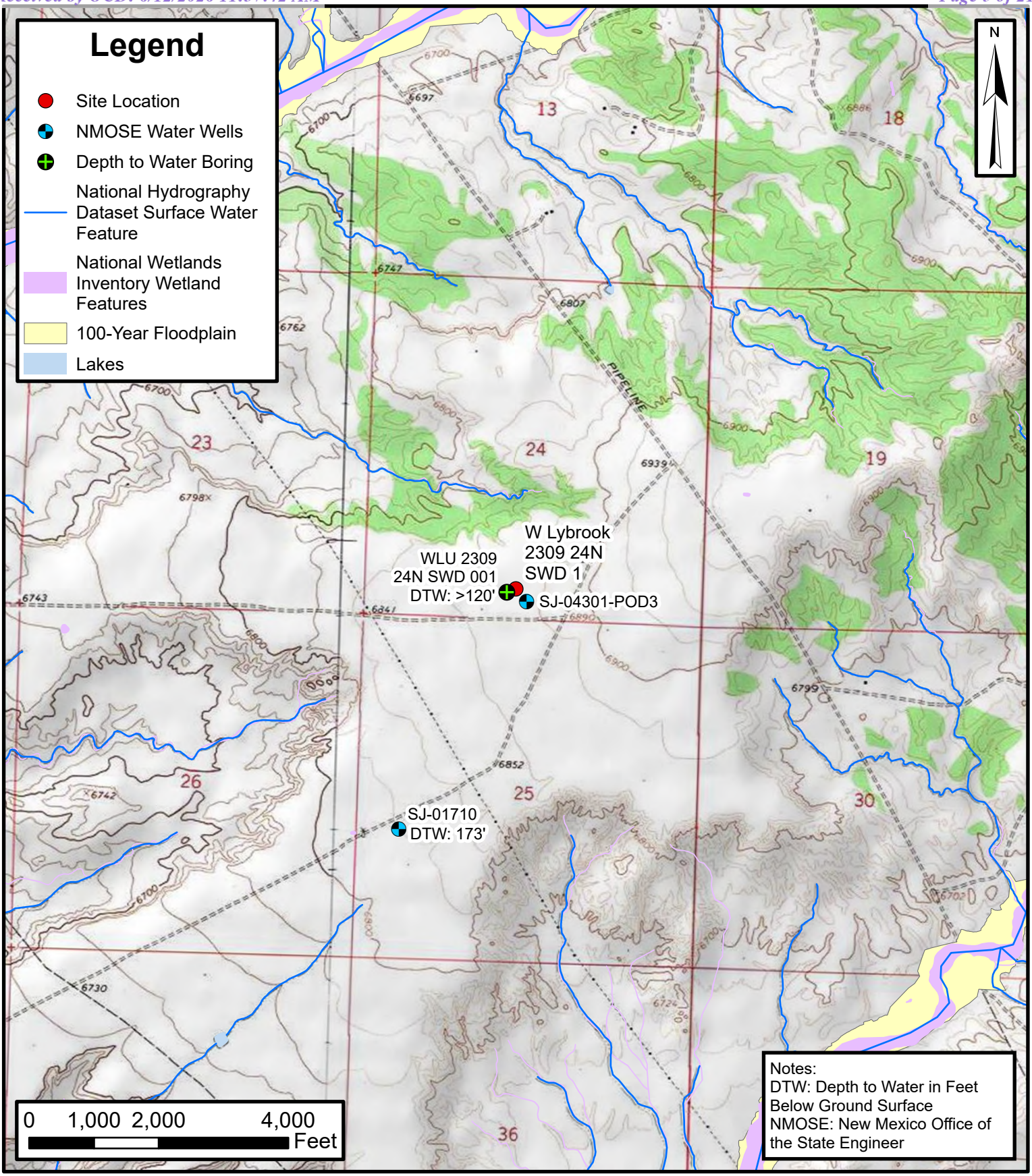
cc: Bureau of Land Management

Attachments:

| | |
|---|---|
| Figure 1 | Site Receptor Map |
| Figure 2 | Soil Sample Locations |
| Table 1 | Soil Sample Analytical Results |
| | |
| Attachment 1 | Historical Site Deliverables |
| Attachment 2 | Regulatory Agency Correspondence |
| Attachment 3 | Drilling Log |

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# FIGURES




Default Folder: C:\Users\Greg Pates\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Enduring\W Lybrook 2309 24N SWD 1\03-2025 Release

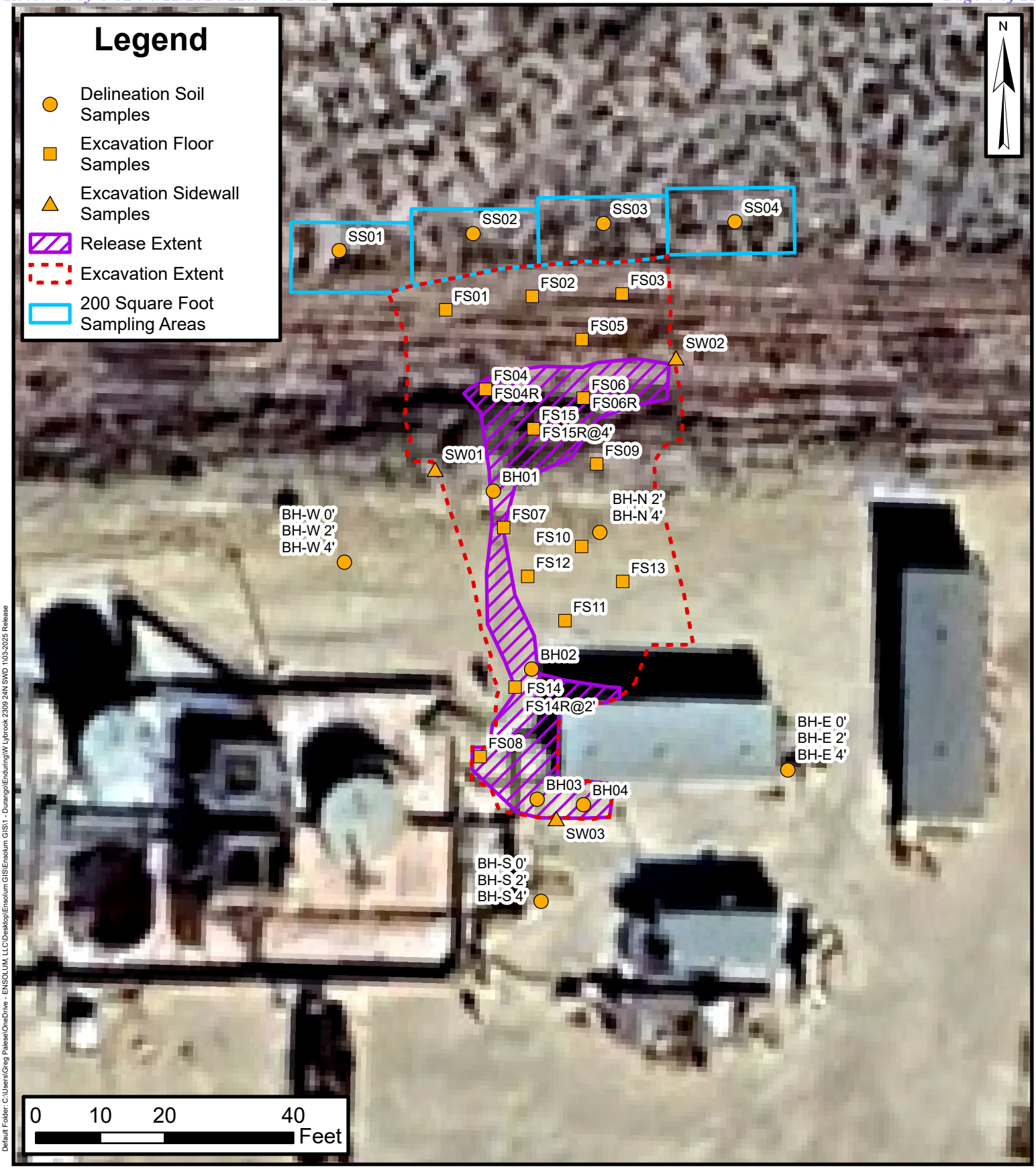
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Environmental, Engineering and Hydrogeologic Consultants

# Site Receptor Map

W Lybrook 2309 24N SWD 1
Enduring Resources, LLC
36.206466, -107.741451
San Juan County, New Mexico

FIGURE
1


Sources: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri Community Maps Contributors, Maxar, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, USGS, Esri, NASA, NGA, USGS, FEMA, Esri, NASA, NGA, USGS, FEMA, Esri, NASA, NGA, USGS, FEMA




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# Soil Sample Locations

W Lybrook 2309 24N SWD 1
Enduring Resources, LLC

36.206466, -107.741451
San Juan County, New Mexico

FIGURE
2

Sources: Google Earth (2023)

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# TABLE

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# TABLE 1
## SOIL SAMPLE ANALYTICAL RESULTS
### W Lybrook 2309-24N SWD-001
### Incident #nAPP2505939388
### Enduring Resources, LLC
### San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | 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) | TPH DRO+GRO (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** | **20,000** |
| **NMOCD Reclamation Requirement for the Top Four Feet** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | **100** | **600** |
| **Excavation Floor Samples** | | | | | | | | | | | | | |
| FS01 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |
| FS02 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.9 | <50 | <9.9 | <50 | <60 |
| FS03 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | <60 |
| ~~FS04~~ | ~~5/7/2025~~ | ~~2-3~~ | ~~<0.024~~ | ~~<0.047~~ | ~~<0.047~~ | ~~<0.095~~ | ~~<0.095~~ | ~~<4.7~~ | ~~<9.8~~ | ~~<49~~ | ~~<9.8~~ | ~~<49~~ | ~~**1,100**~~ |
| FS04R | 5/29/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 400 |
| FS05 | 5/7/2025 | 2-4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.4 | <47 | <9.4 | <47 | 150 |
| ~~FS06~~ | ~~5/7/2025~~ | ~~2-3~~ | ~~<0.024~~ | ~~<0.049~~ | ~~<0.049~~ | ~~<0.097~~ | ~~<0.097~~ | ~~<4.9~~ | ~~<9.9~~ | ~~<50~~ | ~~<9.9~~ | ~~<50~~ | ~~**770**~~ |
| FS06R | 5/29/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 190 |
| FS07 | 5/7/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.8 | <49 | <9.8 | <49 | 570 |
| FS08 | 5/7/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | 340 |
| FS09 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.5 | <48 | <9.5 | <48 | 130 |
| FS10 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <9.6 | <48 | <9.6 | <48 | 100 |
| FS11 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.095 | <0.095 | <4.8 | <9.8 | <49 | <9.8 | <49 | 340 |
| FS12 | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.9 | <50 | <9.9 | <50 | 190 |
| FS13 | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.091 | <0.091 | <4.6 | <9.4 | <47 | <9.4 | <47 | <50 |
| FS14 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.2 | <46 | <9.2 | <46 | 58 |
| FS14R@2' | 12/10/2025 | 2 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.7 | <49 | <9.7 | <49 | **1,100** |
| FS15 | 9/10/2025 | 2.5 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.9 | <49 | <9.9 | <49 | <49 |
| FS15R@4' | 12/10/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.9 | <49 | <9.9 | <49 | 95 |
| **Excavation Sidewall Samples** | | | | | | | | | | | | | |
| SW01 | 5/7/2025 | 0-4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.6 | <48 | <9.6 | <48 | 510 |
| SW02 | 5/7/2025 | 0-4 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| SW03 | 5/7/2025 | 0-2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.5 | <48 | <9.5 | <48 | **1,600** |

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# TABLE 1
## SOIL SAMPLE ANALYTICAL RESULTS
### W Lybrook 2309-24N SWD-001
### Incident #nAPP2505939388
### Enduring Resources, LLC
### San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | 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) | TPH DRO+GRO (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** | **20,000** |
| **NMOCD Reclamation Requirement for the Top Four Feet** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | **100** | **600** |
| **Borehole Samples** | | | | | | | | | | | | | |
| BH01 | 5/13/2025 | 4 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH02 | 5/13/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.9 | <49 | <9.9 | <49 | <60 |
| BH03 | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <10 | <50 | <10 | <50 | 170 |
| BH04 | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | 75 |
| BH-N 2' | 5/13/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.9 | <50 | <9.9 | <50 | <60 |
| BH-N 4' | 5/13/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.6 | <48 | <9.6 | <48 | 69 |
| BH-E 0' | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.3 | <47 | <9.3 | <47 | 250 |
| BH-E 2' | 5/13/2025 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| BH-E 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |
| BH-S 0' | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.9 | <50 | <9.9 | <50 | <50 |
| BH-S 2' | 5/13/2025 | 2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH-S 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.1 | <46 | <9.1 | <46 | <60 |
| BH-W 0' | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.9 | <49 | <9.9 | <49 | <50 |
| BH-W 2' | 5/13/2025 | 2 | <0.023 | <0.047 | <0.047 | <0.093 | <0.093 | <4.7 | <9.4 | <47 | <9.4 | <47 | <60 |
| BH-W 4' | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.7 | <48 | <9.7 | <48 | 63 |
| **Surface Composite Samples** | | | | | | | | | | | | | |
| SS01 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.2 | <46 | <9.2 | <46 | <50 |
| SS02 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.3 | <46 | <9.3 | <46 | <50 |
| SS03 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.8 | <49 | <9.8 | <49 | <50 |
| SS04 | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.9 | <49 | <9.9 | <49 | <50 |

***Notes:***

*bgs: Below ground surface*
*BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes*
*mg/kg: Milligrams per kilogram*
*NE: Not Established*
*NMOCD: New Mexico Oil Conservation Division*
*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*
*Concentrations shaded exceed the New Mexico Oil Conservation Division Reclamation Requirement for the Top Four Feet of Soil Column*
***~~Grey~~** and strikethrough text represents soil sample areas that have been excavated*

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# ATTACHMENT 1

# Historical Site Deliverables

**Deferral Request, July 29, 2025**
**Supplemental, September 24, 2025**
**Closure Request, January 14, 2026**
**Closure Request Supplemental, March 3, 2026**

ENSOLUM

March 3, 2026

Shelly Wells, Environmental Specialist - A
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Closure Request Supplemental**
**W Lybrook 2309-24N SWD-001**
**API Number 30-045-38292**
**Incident Number nAPP2505939388**
**Application ID: 495215**
**San Juan County, New Mexico**

Dear Ms. Wells:

Ensolum, LLC (Ensolum), on behalf of Enduring Resources, LLC (Enduring), has prepared this ***Closure Request Supplemental*** for the above-mentioned Site. The request is based on prior work conducted and presented in a Deferral Request dated July 29, 2025, supplemental information submitted September 24, 2025, and Closure Request dated January 14, 2026. These documents are included for reference in Attachment 1. Prior work and communications were conducted in response to this release and with an attempt to defer closure of this Site until major facility deconstruction. The New Mexico Oil Conservation Division (NMOCD) denied the deferral request in email communications dated August 28, 2025 and November 19, 2025. The email communications requested additional data which was collected during field events and presented in the Deferral Request Supplemental (September 24, 2025) and Closure Request (January 14, 2026). On March 2, 2026, the NMOCD denied the closure request via email with the following information requested presented below in bold text:

1. ***Depth to groundwater is not confirmed. The Referenced Well Records include a drilling plan. A boring log must be provided.***
2. ***In the remediation summary, it says FS04 and FS06 were overexcavated. However referring to Table 1, there is nothing to denote that these areas were overexcavated. Update table to reflect this.***
3. ***Submit updated report to OCD by 5/1/26.***

To address these requests we have prepared this ***Closure Request Supplemental***.

Regarding the depth to groundwater confirmation, we agree that the original site characterization was based on data presented in a drilling plan for well SJ-04301-POD3. Upon review of post drilling well logs, the data is not useful as the well not screened in shallow zones. Therefore, we have included the next closest well to Site for depth to water evaluation. Site features are presented on the attached Figure 1.

## SITE CHARACTERIZATION AND CLOSURE CRITERIA EVALUATION

As part of the Site investigation, nearby sensitive receptors (shown on Figure 1) were assessed in accordance with Title 19, Chapter 15, Part 29, Sections 11 and 12 (19.15.29.11 and 12) of the New Mexico Administrative Code (NMAC). Potential nearby receptors were assessed through desktop

reviews of United States Geological Survey (USGS) topographic maps, Federal Emergency Management Administration (FEMA) Geographic Information System (GIS) maps, New Mexico Office of the State Engineer (NMOSE) database, aerial photographs, and Site-specific observations.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on nearby NMOSE and USGS wells, as well as cathodic well logs located on nearby well pads. The nearest depth to water information is a NMOSE-permitted water well (SJ-01710), located approximately 0.73 miles southwest of the Site. The water well is at an elevation of 6,817 feet above mean sea level (amsl), 60 feet lower in elevation than the Site location. The depth to water identified in the well was 173 feet below ground surface. Additionally, USGS well 361146107445401 is located 0.80 miles southwest of the Site with a depth to water greater than 100 feet bgs. The NMOSE referenced well record is included in Attachment 2.

The closest continuously flowing or significant watercourse to the Site is a first order tributary of Kimbeto Wash, located 1,660 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 a wetland or an occupied residence, school, hospital, institution, or church. The Site is greater than 1,000 feet to a freshwater well or spring. The Site is not within a 100-year floodplain, overlying a subsurface mine, and is not underlain by unstable geology. Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following Table I Closure Criteria (Closure Criteria) will be applied to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH) as a combination of gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO): 2,500 mg/kg
- TPH as a combination of GRO+DRO: 1,000 mg/kg
- Chloride: 20,000 mg/kg.

For areas offpad in areas more shallow than 4 feet, the following Reclamation Requirement applies:

- Total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) and diesel range organics (DRO) and motor oil range organics (MRO): 100 mg/kg
- Chloride: 600 mg/kg (offpad in areas more shallow than four feet)

Based on this new and less stringent closure criteria for onpad areas, and also to satisfy the second request from the NMOCD indicated above, we have redrafted Table 1 indicating sample results for all samples collected and analyzed in response to this release.

As seen on the attached Table 1, source removal work conducted in March through May 2025 removed all impact greater than NMOCD Closure Criteria standards and all elevated hydrocarbon impacted soil.

Based on the work conducted at this location and presented in these communications, Enduring requests Site Closure and No Further Action Status for Facility Number nAPP2505939388.

If you have any questions or comments, please contact Mr. Steve Kahn at (303) 913-1350 (skahn@ensolum.com) or Mr. Danny Burns at (303) 601-1420 (dburns@ensolum.com).

Sincerely,
**Ensolum, LLC**

Danny Burns
Senior Geologist

Steve Kahn, PE
Senior Managing Engineer

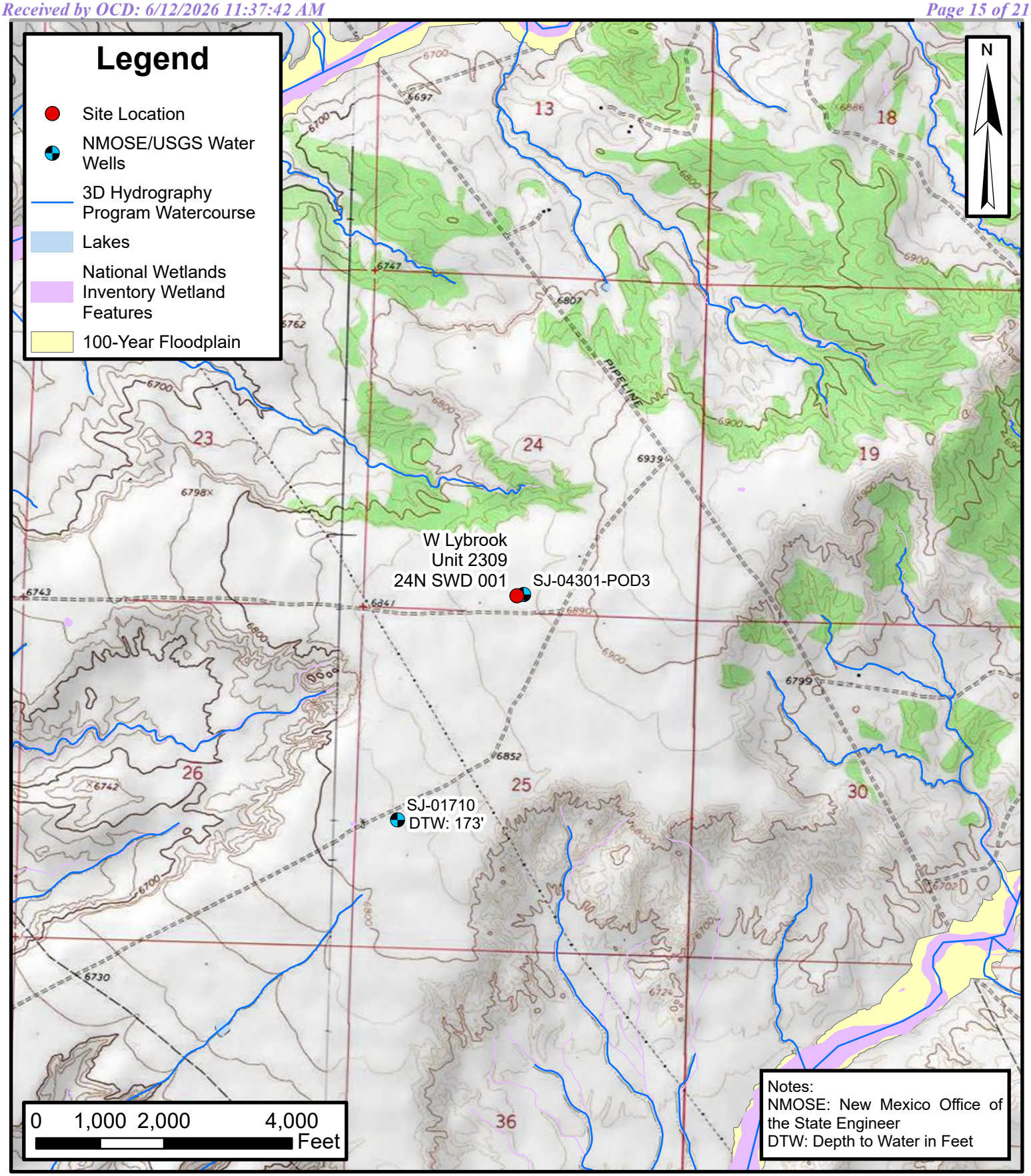
cc: Bureau of Land Management

Attachments:

| | |
|---|---|
| Figure 1 | Site Location Map |
| Table 1 | Soil Sample Analytical Results |
| Attachment 1 | Deferral Request (July 29, 2025), Supplemental Information (September 24, 2025), and Closure Request (January 14, 2026) |
| Attachment 2 | Reference Well Record |

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FIGURE




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Environmental, Engineering and Hydrogeologic Consultants

# Site Location Map

W Lybrook Unit 2309 24N SWD 001
Enduring Resources, LLC
Incident ID: nAPP2530929614
36.205900, -107.741264
San Juan County, New Mexico

FIGURE
1

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# TABLE

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# TABLE 1
## SOIL SAMPLE ANALYTICAL RESULTS
### W Lybrook 2309-24N SWD-001
### Incident #nAPP2505939388
### Enduring Resources, LLC
### San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | 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) | TPH DRO+GRO (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** | **20,000** |
| **NMOCD Reclamation Requirement for the Top Four Feet** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | **100** | **600** |
| **Excavation Floor Samples** | | | | | | | | | | | | | |
| FS01 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |
| FS02 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.9 | <50 | <9.9 | <50 | <60 |
| FS03 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | <60 |
| ~~FS04~~ | ~~5/7/2025~~ | ~~2-3~~ | ~~<0.024~~ | ~~<0.047~~ | ~~<0.047~~ | ~~<0.095~~ | ~~<0.095~~ | ~~<4.7~~ | ~~<9.8~~ | ~~<49~~ | ~~<9.8~~ | ~~<49~~ | ~~**1,100**~~ |
| FS04R | 5/29/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 400 |
| FS05 | 5/7/2025 | 2-4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.4 | <47 | <9.4 | <47 | 150 |
| ~~FS06~~ | ~~5/7/2025~~ | ~~2-3~~ | ~~<0.024~~ | ~~<0.049~~ | ~~<0.049~~ | ~~<0.097~~ | ~~<0.097~~ | ~~<4.9~~ | ~~<9.9~~ | ~~<50~~ | ~~<9.9~~ | ~~<50~~ | ~~**770**~~ |
| FS06R | 5/29/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 190 |
| FS07 | 5/7/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.8 | <49 | <9.8 | <49 | 570 |
| FS08 | 5/7/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | 340 |
| FS09 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.5 | <48 | <9.5 | <48 | 130 |
| FS10 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <9.6 | <48 | <9.6 | <48 | 100 |
| FS11 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.095 | <0.095 | <4.8 | <9.8 | <49 | <9.8 | <49 | 340 |
| FS12 | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.9 | <50 | <9.9 | <50 | 190 |
| FS13 | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.091 | <0.091 | <4.6 | <9.4 | <47 | <9.4 | <47 | <50 |
| FS14 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.2 | <46 | <9.2 | <46 | 58 |
| FS14R@2' | 12/10/2025 | 2 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.7 | <49 | <9.7 | <49 | **1,100** |
| FS15 | 9/10/2025 | 2.5 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.9 | <49 | <9.9 | <49 | <49 |
| FS15R@4' | 12/10/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.9 | <49 | <9.9 | <49 | 95 |
| **Excavation Sidewall Samples** | | | | | | | | | | | | | |
| SW01 | 5/7/2025 | 0-4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.6 | <48 | <9.6 | <48 | 510 |
| SW02 | 5/7/2025 | 0-4 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| SW03 | 5/7/2025 | 0-2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.5 | <48 | <9.5 | <48 | **1,600** |
| **Borehole Samples** | | | | | | | | | | | | | |
| BH01 | 5/13/2025 | 4 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH02 | 5/13/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.9 | <49 | <9.9 | <49 | <60 |
| BH03 | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <10 | <50 | <10 | <50 | 170 |
| BH04 | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | 75 |
| BH-N 2' | 5/13/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.9 | <50 | <9.9 | <50 | <60 |
| BH-N 4' | 5/13/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.6 | <48 | <9.6 | <48 | 69 |
| BH-E 0' | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.3 | <47 | <9.3 | <47 | 250 |
| BH-E 2' | 5/13/2025 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| BH-E 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |

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# TABLE 1
## SOIL SAMPLE ANALYTICAL RESULTS
### W Lybrook 2309-24N SWD-001
### Incident #nAPP2505939388
### Enduring Resources, LLC
### San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | 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) | TPH DRO+GRO (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** | **20,000** |
| **NMOCD Reclamation Requirement for the Top Four Feet** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | **100** | **600** |
| BH-S 0' | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.9 | <50 | <9.9 | <50 | <50 |
| BH-S 2' | 5/13/2025 | 2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH-S 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.1 | <46 | <9.1 | <46 | <60 |
| BH-W 0' | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.9 | <49 | <9.9 | <49 | <50 |
| BH-W 2' | 5/13/2025 | 2 | <0.023 | <0.047 | <0.047 | <0.093 | <0.093 | <4.7 | <9.4 | <47 | <9.4 | <47 | <60 |
| BH-W 4' | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.7 | <48 | <9.7 | <48 | 63 |
| **Surface Composite Samples** | | | | | | | | | | | | | |
| SS01 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.2 | <46 | <9.2 | <46 | <50 |
| SS02 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.3 | <46 | <9.3 | <46 | <50 |
| SS03 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.8 | <49 | <9.8 | <49 | <50 |
| SS04 | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.9 | <49 | <9.9 | <49 | <50 |

***Notes:***

*bgs: Below ground surface*
*BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes*
*mg/kg: Milligrams per kilogram*
*NE: Not Established*
*NMOCD: New Mexico Oil Conservation Division*
*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*
*Concentrations shaded exceed the New Mexico Oil Conservation Division Reclamation Requirement for the Top Four Feet of Soil Column*
***~~Grey~~** and strikethrough text represents soil sample areas that have been excavated*

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# ATTACHMENT 1

# Deferral Request (July 29, 2025), Supplemental Information (September 24, 2025), and Closure Request (January 14, 2026)

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January 14, 2026

Shelly Wells, Environmental Specialist - A
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Closure Request**
**W Lybrook 2309-24N SWD-001**
**API Number 30-045-38292**
**Incident Number nAPP2505939388**
**Application ID: 495215**
**San Juan County, New Mexico**

Dear Ms. Wells:

Ensolum, LLC (Ensolum), on behalf of Enduring Resources, LLC (Enduring), has prepared this ***Closure Request*** for the above-mentioned Site. The request is based on prior work conducted and presented in a Deferral Request dated July 29, 2025 (Attachment 1), supplemental information submitted September 24, 2025 (Attachment 2), and recent work presented in this ***Closure Request***. Prior work and communications were conducted in an attempt to defer closure of this Site until major facility deconstruction. The New Mexico Oil Conservation Division (NMOCD) denied the deferral request in an email communication dated November 19, 2025. The email communication requested additional data which was collected during a field event conducted on December 10, 2025. The bold text below indicates the requested information from the NMOCD:

1. ***The bottom samples that were collected on 9/10/2025, due to an insufficient number of base samples originally being collected, were collected within the backfill and not at the actual depths of excavation. FS12 and FS13 are accepted. Recollect FS14 at 2' and FS15 at 4' depths. Include details of how these samples were collected in the remediation summary.***

2. ***An updated Figure needs to be provided which only shows the excavation extent (remove the purple release extent) and clearly shows the different depths of excavations.***

## SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit N, Section 24, Township 23 North, Range 9 West, in San Juan County, New Mexico (36.205918° N, -107.740955° W) and is associated with oil and gas exploration and production operations on federal land (Attachment 1 - Figure 1).

On February 24, 2025, a leak was observed coming from an inadvertently open valve following a filter change found in the pump house. The Site features are shown in Figure 2. Approximately 48 barrels of produced water were released at the Site. The valve was closed immediately upon discovery and site assessment activities were conducted to evaluate potential impact resulting from the released fluids.

Enduring reported the release to the Bureau of Land Management (BLM) and New Mexico Oil Conservation District (NMOCD) via email on February 28, 2025. A report of Undesirable Event was

submitted to the United States Department of the Interior, BLM New Mexico Farmington Field Office on February 28, 2025. A Notification of Release Application was submitted to the NMOCD on February 28, 2025. The NMOCD approved the C-141 Application on March 3, 2025, and the release was assigned Incident ID# nAPP2505939388.

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

Ensolum has applied Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) as the soil cleanup standards. Potential site receptors are identified on Attachment 1 - Figure 1.

Depth to groundwater at the Site is estimated to be between 50 and 100 feet below ground surface (bgs) based on the topographic setting. The nearest groundwater well is New Mexico Office of the State Engineer (NMOSE) well SJ-04301-POD3, located on the same footprint of the Site, approximately 75 feet south of the release point. The water well was drilled to a depth of 6,750 feet below ground surface and used as a water supply well from the Entrada formation, with the first observation of water during drilling at 95 feet bgs. Elevation at the water well is approximately 6,878 feet above mean sea level, the same elevation as the release. Groundwater is therefore estimated to be between 50 and 100 feet bgs at the Site. All features used for depth to water determination are depicted on Attachment 1 - Figure 1, and the referenced well record is included in Attachment 1.

The closest continuously flowing or significant watercourse to the Site is an intermittent riverine, approximately 1,320 feet north of the Site, which is a first order tributary to Kimbeto Wash. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Attachment 1 - Figure 1.

Although the depth to groundwater is estimated to be between 50 to 100 feet bgs, the reclamation standard per NMAC 19.15.29.13 for the top 4 feet was applied to the excavation for closure standard in offpad locations. Onpad locations and offpad locations greater than 4 feet in depth are applicable to the below NMOCD Table 1 Closure Criteria.

Based on the results of the Site Characterization, the following NMOCD Table 1 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) - gasoline range organics (GRO) and diesel range organics (DRO): 1,000 mg/kg
- Total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) and diesel range organics (DRO) and motor oil range organics (MRO): 2,500 mg/kg
- Chloride: 10,000 mg/kg (onpad and offpad deeper than four feet)

For areas offpad in areas more shallow than 4 feet, the following Reclamation Requirement applies:

- Total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) and diesel range organics (DRO) and motor oil range organics (MRO): 100 mg/kg
- Chloride: 600 mg/kg (offpad in areas more shallow than four feet)

## EXCAVATION ACTIVITIES AND SOIL SAMPLING RESULTS

As detailed in the Attachment 1 and Attachment 2 deliverables, excavation activities and ongoing assessment were conducted to complete remediation at this location from March 2025 through December 2025. The excavation area measured approximately 2,621 square feet. A total of 442 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Envirotech, Inc. Landfarm in Farmington, New Mexico. Additional details are included in Attachment 1 and Attachment 2.

## ADDITIONAL DATA SUBMITTAL AND CLOSURE REQUEST

In order to satisfy the NMOCD November 19, 2025 information request (listed above), field activities were conducted on December 10, 2025, collecting Samples FS14R@2' (2 feet below ground surface) and sample FS15R@4' (4 feet below ground surface). These samples were collected manually using a hand auger. At each location, the hand auger was advanced to the requested depth while screening soil with a photoionization detector (PID) and investigating soil for staining, odor, moisture, color, grain size, etc. No indication of hydrocarbon impact or soil staining was observed in either sample. Soil was observed to be brown silty sand and yellow-brown fine sand, with minimal moisture. Samples were collected at depth, below the backfill material and at the base of the prior excavation. Sampe FS15R@4' indicated a slight odor. Attached is an updated Table 1 presenting laboratory analytical results including the recently acquired data. Also attached is Figure 2 indicating soil sample locations and Figure 3 presenting sample locations and indicating excavation depths (per NMOCD request). The Laboratory Analytical Report is included as Attachment 3.

Laboratory analytical results indicate exceedance of the reclamation requirement for samples FS14R@2' (1,100 milligrams per kilogram [mg/kg] chloride) and also SW03 (1,600 mg/kg chloride concentration collected at a depth of 0-2'). Although these samples exceed the reclamation requirement, the two samples were collected on pad and have been vertically and laterally delineated by the other 37 samples in compliance with the reclamation requirement. Since all samples are in compliance with the NMOCD Closure Criteria and the only 2 samples are exceeding the reclamation requirement are both on-pad and delineated laterally and vertically, we respectfully request Site Closure and No Further Action Status.

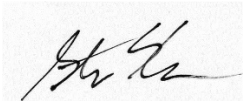
Source removal work conducted in March through May 2025 removed all impact greater than NMOCD Closure Criteria standards and all elevated hydrocarbon impacted soil. Based on the work conducted at this location and presented in these communications, Enduring requests Site Closure and No Further Action Status for Facility Number nAPP2505939388.

If you have any questions or comments, please contact Mr. Steve Kahn at (303) 913-1350 (skahn@ensolum.com) or Mr. Danny Burns at (303) 601-1420 (dburns@ensolum.com).

Sincerely,
**Ensolum, LLC**



Danny Burns
Senior Geologist



Steve Kahn, PE
Senior Managing Engineer

cc: Bureau of Land Management

Attachments:

| | |
|---|---|
| Figure 2 | Soil Sample Locations |
| Figure 3 | Excavation Depths |
| Table 1 | Soil Sample Analytical Results |
| Attachment 1 | July 29, 2025 Deferral Request |
| Attachment 2 | September 24, 2025 Deferral Request Supplemental |
| Attachment 3 | Laboratory Analytical Report |

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# TABLE

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### W Lybrook 2309-24N SWD-001
### Enduring Resources, LLC
### San Juan County, New Mexico

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| **NMOCD Closure Criteria for Soils Impacted by a Release** | | | **10** | NE | NE | NE | **50** | NE | NE | NE | **1,000** | **2,500** | **10,000** |
| **NMOCD Reclamation Requirement for the Top Four Feet** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | **100** | **600** |
| **Excavation Floor Samples** | | | | | | | | | | | | | |
| FS01 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |
| FS02 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.9 | <50 | <9.9 | <50 | <60 |
| FS03 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | <60 |
| FS04 | 5/7/2025 | 2-3 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.8 | <49 | <9.8 | <49 | **1,100** |
| FS04R | 5/29/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 400 |
| FS05 | 5/7/2025 | 2-4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.4 | <47 | <9.4 | <47 | 150 |
| FS06 | 5/7/2025 | 2-3 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.9 | <50 | <9.9 | <50 | **770** |
| FS06R | 5/29/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 190 |
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| FS08 | 5/7/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | 340 |
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| FS11 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.095 | <0.095 | <4.8 | <9.8 | <49 | <9.8 | <49 | 340 |
| FS12 | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.9 | <50 | <9.9 | <50 | 190 |
| FS13 | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.091 | <0.091 | <4.6 | <9.4 | <47 | <9.4 | <47 | <50 |
| FS14 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.2 | <46 | <9.2 | <46 | 58 |
| FS14R@2' | 12/10/2025 | 2 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.7 | <49 | <9.7 | <49 | **1,100** |
| FS15 | 9/10/2025 | 2.5 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.9 | <49 | <9.9 | <49 | <49 |
| FS15R@4' | 12/10/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.9 | <49 | <9.9 | <49 | 95 |
| **Excavation Sidewall Samples** | | | | | | | | | | | | | |
| SW01 | 5/7/2025 | 0-4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.6 | <48 | <9.6 | <48 | 510 |
| SW02 | 5/7/2025 | 0-4 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| SW03 | 5/7/2025 | 0-2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.5 | <48 | <9.5 | <48 | **1,600** |
| **Borehole Samples** | | | | | | | | | | | | | |
| BH01 | 5/13/2025 | 4 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH02 | 5/13/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.9 | <49 | <9.9 | <49 | <60 |
| BH03 | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <10 | <50 | <10 | <50 | 170 |
| BH04 | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | 75 |
| BH-N 2' | 5/13/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.9 | <50 | <9.9 | <50 | <60 |
| BH-N 4' | 5/13/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.6 | <48 | <9.6 | <48 | 69 |
| BH-E 0' | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.3 | <47 | <9.3 | <47 | 250 |
| BH-E 2' | 5/13/2025 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| BH-E 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |
| BH-S 0' | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.9 | <50 | <9.9 | <50 | <50 |

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# TABLE 1
## SOIL SAMPLE ANALYTICAL RESULTS
### W Lybrook 2309-24N SWD-001
### Enduring Resources, LLC
### San Juan County, New Mexico

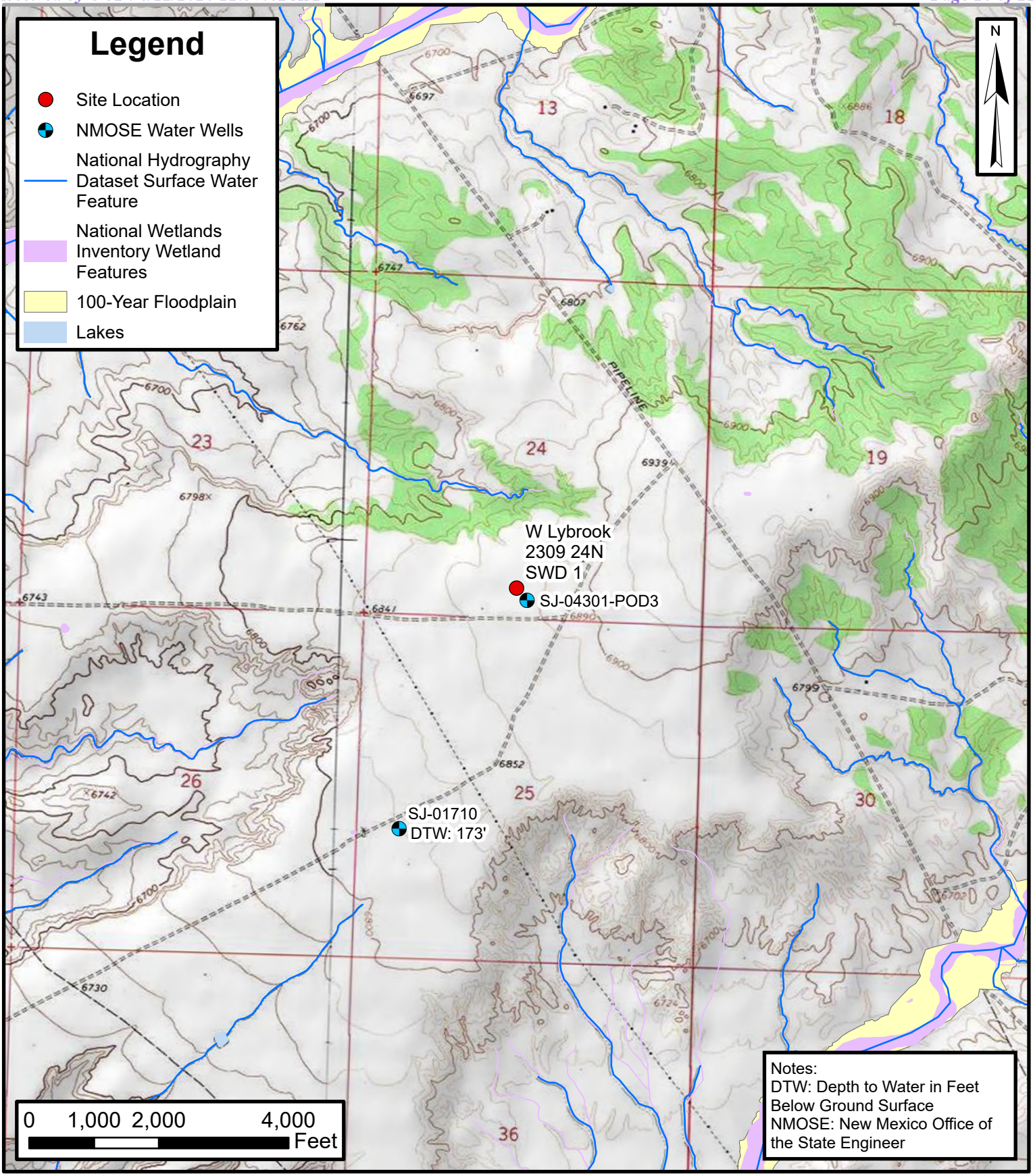
| Sample Identification | Date | Depth (feet bgs) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH MRO (mg/kg) | TPH DRO+GRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria for Soils Impacted by a Release** | | | **10** | NE | NE | NE | **50** | NE | NE | NE | **1,000** | **2,500** | **10,000** |
| **NMOCD Reclamation Requirement for the Top Four Feet** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | **100** | **600** |
| BH-S 2' | 5/13/2025 | 2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH-S 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.1 | <46 | <9.1 | <46 | <60 |
| BH-W 0' | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.9 | <49 | <9.9 | <49 | <50 |
| BH-W 2' | 5/13/2025 | 2 | <0.023 | <0.047 | <0.047 | <0.093 | <0.093 | <4.7 | <9.4 | <47 | <9.4 | <47 | <60 |
| BH-W 4' | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.7 | <48 | <9.7 | <48 | 63 |
| **Surface Composite Samples** | | | | | | | | | | | | | |
| SS01 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.2 | <46 | <9.2 | <46 | <50 |
| SS02 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.3 | <46 | <9.3 | <46 | <50 |
| SS03 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.8 | <49 | <9.8 | <49 | <50 |
| SS04 | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.9 | <49 | <9.9 | <49 | <50 |

***Notes:***

*bgs: Below ground surface*
*BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes*
*mg/kg: Milligrams per kilogram*
*NE: Not Established*
*NMOCD: New Mexico Oil Conservation Division*
*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*

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# FIGURES



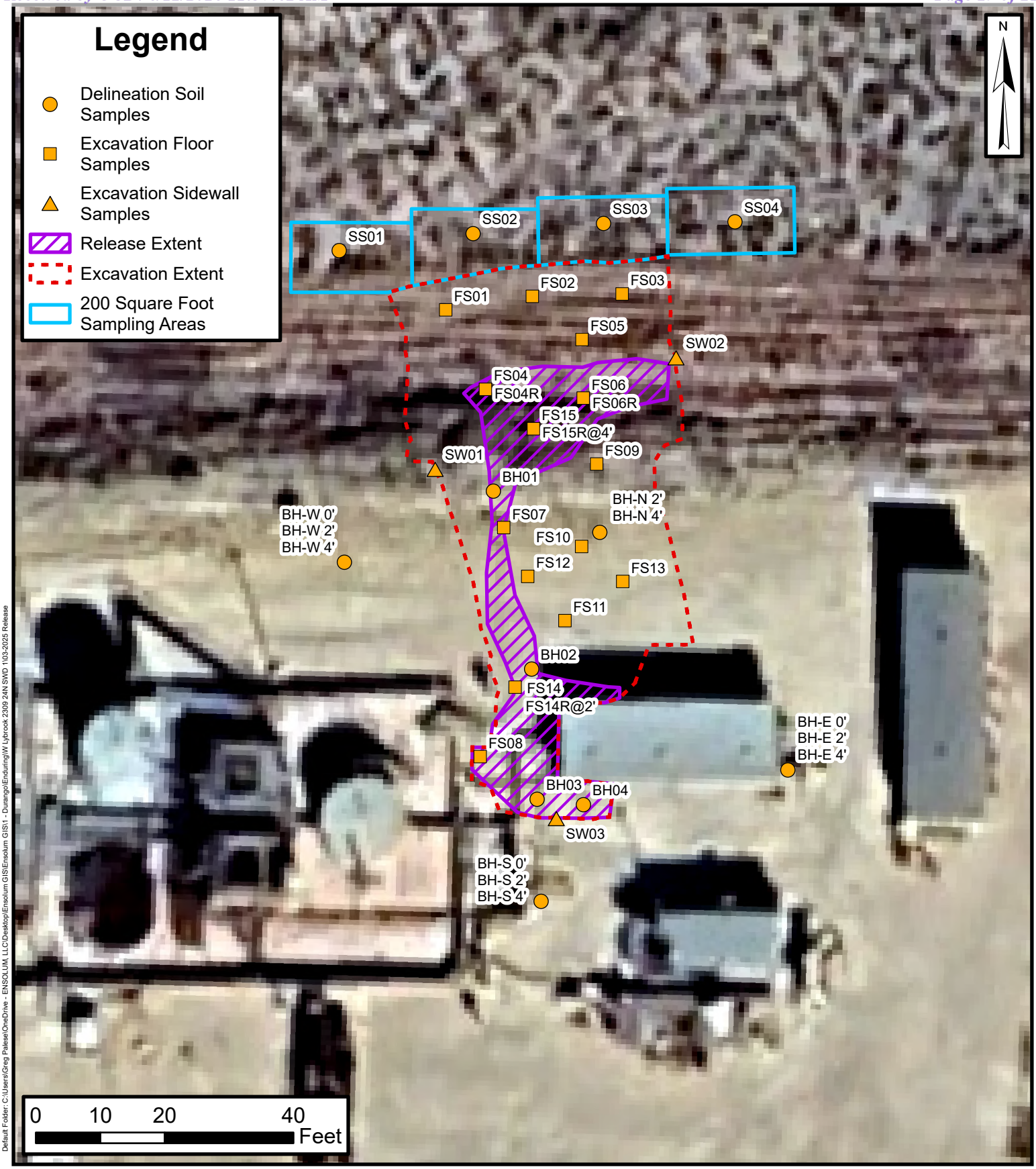

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# Site Receptor Map

W Lybrook 2309 24N SWD 1
Enduring Resources, LLC
36.206466, -107.741451
San Juan County, New Mexico

FIGURE
1


Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri Community Maps Contributors, Maxar, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community, Esri (NLS), OpenStreetMap contributors, and the GIS User Community, Esri, Delorme, HERE, TomTom




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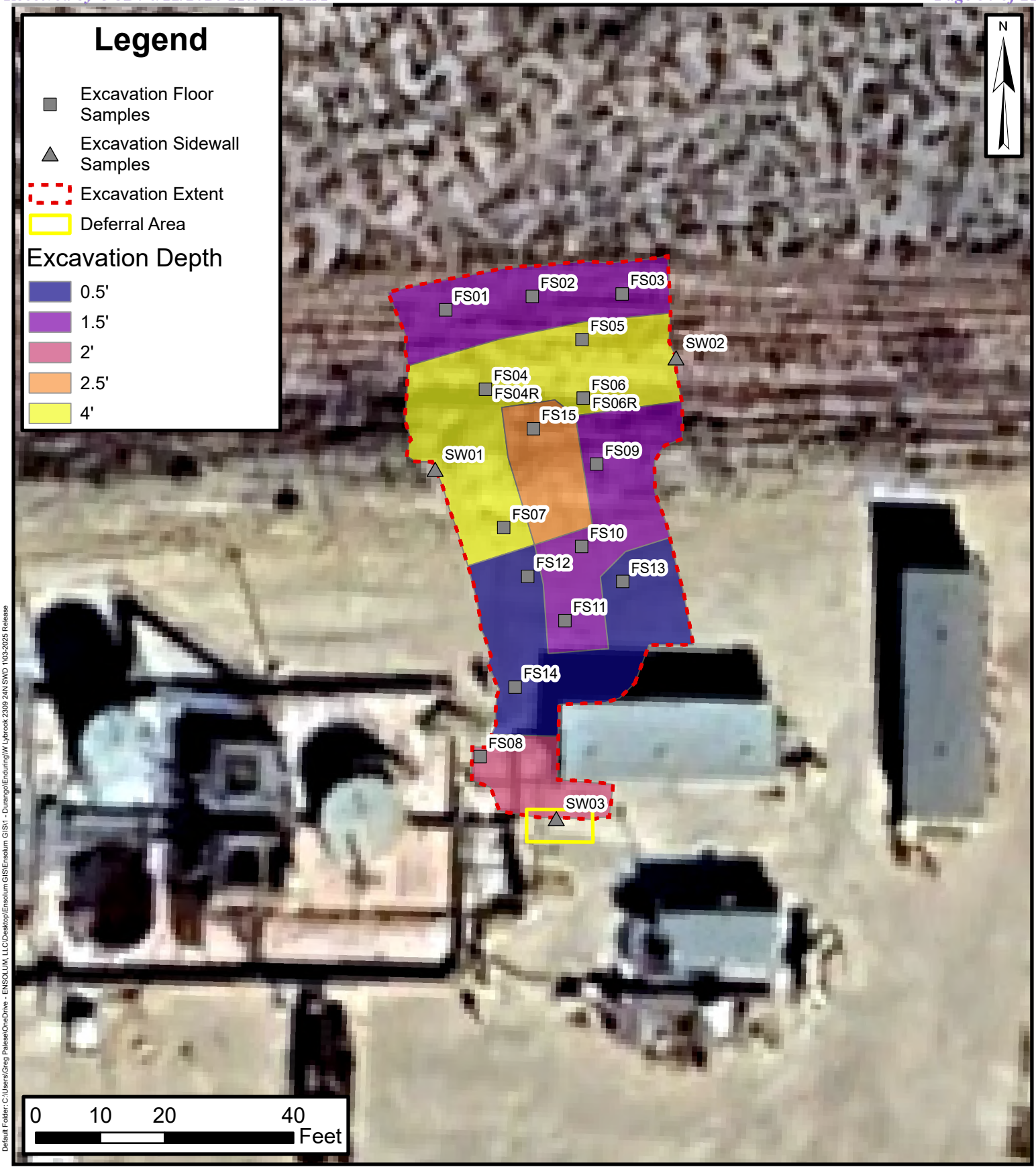
# Soil Sample Locations

W Lybrook 2309 24N SWD 1
Enduring Resources, LLC

36.206466, -107.741451
San Juan County, New Mexico

**FIGURE**
**2**

Sources: Google Earth (2023)




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# Excavation Depths

W Lybrook 2309 24N SWD 1
Enduring Resources, LLC
36.206466, -107.741451
San Juan County, New Mexico

FIGURE
3

Sources: Google Earth (2023)

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# ATTACHMENT 1

## Original Deferral Application ID: 495215
## July 29, 2025

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July 29, 2025

District III
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

**Re: Deferral Request**
**W Lybrook 2309-24N SWD-001**
**API Number 30-045-38292**
**Incident Number nAPP2505939388**
**San Juan County, New Mexico**

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Enduring Resources, LLC (Enduring), has prepared this *Deferral Request* to document site assessment and remediation activities conducted to address a release of produced water at the W Lybrook 2309-24N SWD-001 (Site). Following a release of fluids at the facility, Enduring responded by isolating the release and site assessment activities were conducted in areas surrounding the equipment at the facility to evaluate site conditions. Based on the results of these activities, Enduring is submitting this *Deferral Request*, describing the release response and requesting deferral of final remediation for the above referenced incident number until major Site reconstruction and/or the well pad is abandoned.

## SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit N, Section 24, Township 23 North, Range 9 West, in San Juan County, New Mexico (36.205918° N, -107.740955° W) and is associated with oil and gas exploration and production operations on federal land (Figure 1).

On February 24, 2025, a leak was observed coming from an inadvertently open valve following a filter change found in the pump house. The Site features are shown in Figure 2. Approximately 48 barrels of produced water were released at the Site. The valve was closed immediately upon discovery and site assessment activities were conducted to evaluate potential impact resulting from the released fluids.

Enduring reported the release to the Bureau of Land Management (BLM) and New Mexico Oil Conservation District (NMOCD) via email on February 28, 2025. A report of Undesirable Event was submitted to the United States Department of the Interior, BLM New Mexico Farmington Field Office on February 28, 2025. A Notification of Release Application was submitted to the NMOCD on February 28, 2025. The NMOCD approved the C-141 Application on March 3, 2025, and the release was assigned Incident ID# nAPP2505939388.

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

Ensolum has applied Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) as the soil cleanup standards. Potential site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be between 50 and 100 feet below ground surface (bgs) based on the topographic setting. The nearest groundwater well is New Mexico Office of the State Engineer (NMOSE) well SJ-04301-POD3, located on the same footprint of the Site, approximately 75 feet south of the release point. The water well was drilled to a depth of 6,750 feet below ground surface and used as a water supply well from the Entrada formation, with the first observation of water during drilling at 95 feet bgs. Elevation at the water well is approximately 6,878 feet above mean sea level, the same elevation as the release. Groundwater is therefore estimated to be between 50 and 100 feet bgs at the Site. All features used for depth to water determination are depicted on Figure 1, and the referenced well record is included in Attachment 1.

The closest continuously flowing or significant watercourse to the Site is an intermittent riverine, approximately 1,320 feet north of the Site, which is a first order tributary to Kimbeto Wash. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Although the depth to groundwater is estimated to be between 50 to 100 feet bgs, the reclamation standard per NMAC 19.15.29.13 for the top 4 feet was applied to the excavation for closure standard.

Based on the results of the Site Characterization, the following NMOCD Table 1 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) - gasoline range organics (GRO) and diesel range organics (DRO) and motor oil range organics (MRO): 100 mg/kg
- Chloride: 600 mg/kg for top four feet, and 10,000 mg/kg deeper than four feet.

## EXCAVATION ACTIVITIES AND SOIL SAMPLING RESULTS

Following immediate release isolation and repair, Enduring began mechanical removal of saturated and/or stained soil via excavation in March 2025. Ensolum personnel conducted excavation confirmation soil sampling on May 7, 2025. Personnel collected 5-point composite soil samples representing areas of no more than 200 square feet from the sidewalls and floor of the excavation. If excavation sidewalls were less than 2 feet or not vertically defined, portions of the sidewalls were included in the composite floor samples.

Sidewall confirmation composite samples were collected from a depth of ground surface to 4 feet bgs in samples SW01 and SW02, and ground surface to 2 feet bgs in SW03. The area around SW03 was limited to hand excavation at depth due to numerous utility and production lines between the production equipment and storage tanks. Excavation confirmation samples were collected at the base of the excavation at depths ranging from 0.5 feet to 4 feet bgs. Sidewall and floor sample locations for each excavation area are depicted on Figure 2.

The 5-point composite soil samples were collected by placing 5 equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, and immediately placed on ice. The soil samples were transported on ice under strict chain-of-custody procedures to Eurofins Environment Testing Laboratory in Albuquerque New Mexico for analysis of BTEX by United

States Environmental Protection Agency (EPA) Method 8021B, total TPH by EPA Method 8015D, and chloride by EPA Method 300.0.

Soil samples were field screened for volatile organic compounds (VOCs) and chloride utilizing a calibrated photoionization detector (PID) and Hach® chloride QuanTab® test strips, respectively. The 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 assessment and a photographic log is included in Attachment 2.

Laboratory analytical results presented on Table 2 indicate all confirmation samples, except for sidewall sample SW03 and floor samples FS04 and FS06, were in compliance with NMOCD Closure Criteria, including the agricultural reclamation standard. The 3 samples exceeding applicable standards exhibited chloride concentrations ranging from 770 to 1,600 mg/kg. There were no detections of organic or volatile compounds, including TPH and BTEX, in samples SW03, FS04, and FS06. Laboratory analytical reports are included as Attachment 3.

Following receipt of the initial confirmation soil sampling results, additional excavation was conducted on the excavation floor to a depth of 4 feet where FS04 and FS06 were previously collected. Ensolum personnel returned to the Site on May 29, 2025, to collect follow up confirmation soil samples FS04R and FS06R. Laboratory analytical results indicate remaining inorganic impacts were removed and samples FS04R and FS06R were in compliance with NMOCD Closure Criteria. Laboratory analytical reports are included as Attachment 2 and presented in Table 2.

The excavation area measured approximately 22,300 square feet. A total of approximately 3,655 cubic yards of impacted soil were removed during the excavation activities. The impacted soil was transported and properly disposed of at the Envirotech, Inc. Landfarm in Farmington, New Mexico.

The excavation area measured approximately 2,400 square feet. A total of approximately 174 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Envirotech, Inc. Landfarm in Farmington, New Mexico.

Due to the surrounding production infrastructure near SW03, additional mechanical removal via excavation either via machine or hand digging was deemed unpractical due to relatively low inorganic impact remaining. In order to define the remaining limited chloride impacts around SW03 and support preparation of this deferral request, boreholes were advanced to a depth of 4 feet bgs.

## DELINEATION ACTIVITIES

On May 13, 2025, soil samples were collected to define and/or enclose the lateral and vertical chloride impacts remaining around SW03. Boreholes BH01 through BH04 were advanced to a depth of 4 feet bgs via hand auger within the existing excavation extent. Boreholes were also advanced to 4 feet in each cardinal direction (BH-N, BH-E, BH-S, and BH-W) outside of the excavation extent and outside of SW03. Borehole locations are shown on Figure 2. Discrete delineation soil samples were collected from each borehole at depths of 2-foot bgs and at the terminus of each boring (4 feet bgs).

Soil samples were collected as previously described and submitted for laboratory analysis of BTEX, TPH, and chloride. Laboratory analytical results presented on Table 2 indicate all borehole samples were in compliance with NMOCD Closure Criteria, including the agricultural reclamation standard. Laboratory analytical reports are included in Attachment 3.

## DEFERRAL REQUEST

Enduring is requesting deferral of final remediation of soil represented by sample SW03 due to the presence of active production equipment and infrastructure preventing full excavation of impacted soil at the edge of the containment. Current Site conditions consist of residual impact resulting from the produced water release and are currently expressed as elevated chloride concentrations in soil near SW03. Source removal work conducted in March and May 2025 removed the bulk of the source material and all elevated hydrocarbon impacted soil. This work mitigated the majority of the impact resulting from the release. Remaining areas of non-compliance at the Site are limited to inorganic chloride concentrations in soil that exceed the reclamation standard of 600 mg/kg. Enduring safety policy restricts soil disturbing activities within a 2-foot radius of any on-site, active production equipment. The deferral area is vertically defined to within the top 4 feet of surface cover. The deferral area is limited to locations directly surrounding sidewall location SW03. Based on the data collected a deferred volume is estimated at approximately 5 to 10 yards of impacted soil total around SW03. The impacted area is limited to the upper 4 feet of surface cover, in an area approximately 10 feet wide by 5 feet long.

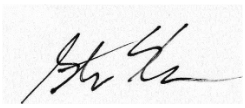
Ensolum and Enduring do not believe deferment will result in imminent risk to human health, the environment, or groundwater. Remediation and compliance with applicable standards will be achieved, through natural attenuation now enhanced with the mass source removed, and/or via other means implemented at the time of site decommissioning, plug and abandonment and final reclamation. Based on the limited evidence of impacted soil, presence of active production equipment and pipelines, and the complete lateral and vertical definition of impacted soil remaining in place, Enduring requests deferral of final remediation for Facility Number nAPP2505939388 until final reclamation of the well pad or major construction, whichever comes first.

If you have any questions or comments, please contact Mr. Steve Kahn at (303) 913-1350 (skahn@ensolum.com) or Mr. Danny Burns at (303) 601-1420 (dburns@ensolum.com).

Sincerely,
**Ensolum, LLC**



Danny Burns
Senior Geologist



Steve Kahn, MS, PE
Senior Managing Engineer

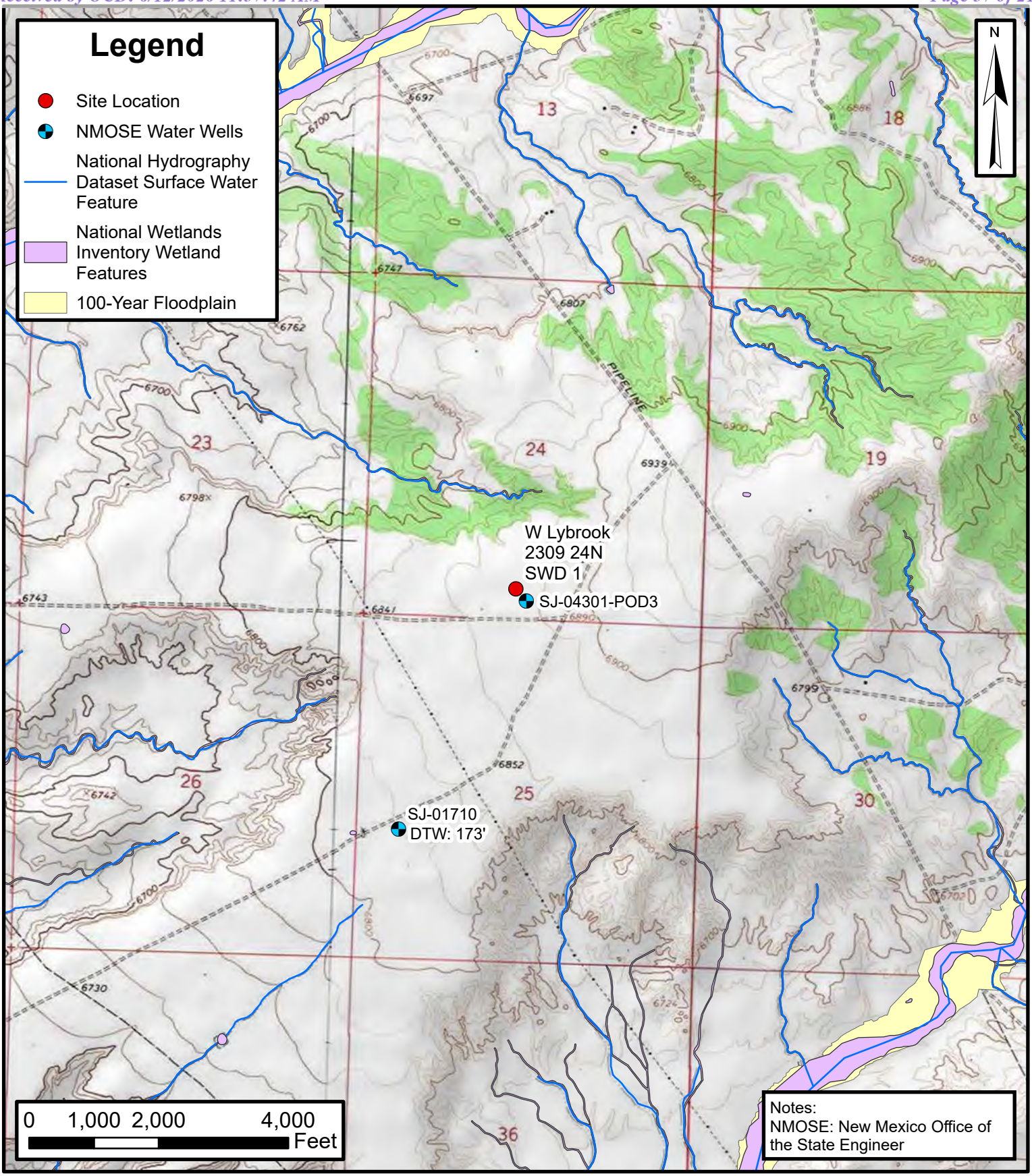
cc: Bureau of Land Management

Attachments:

| | |
|---|---|
| Figure 1 | Site Receptor Map |
| Figure 2 | Soil Sample Locations |
| Table 1 | Soil Sample Analytical Results |
| Attachment 1 | Referenced Well Records |
| Attachment 2 | Photographic Log |
| Attachment 3 | Laboratory Analytical Reports |

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# FIGURES




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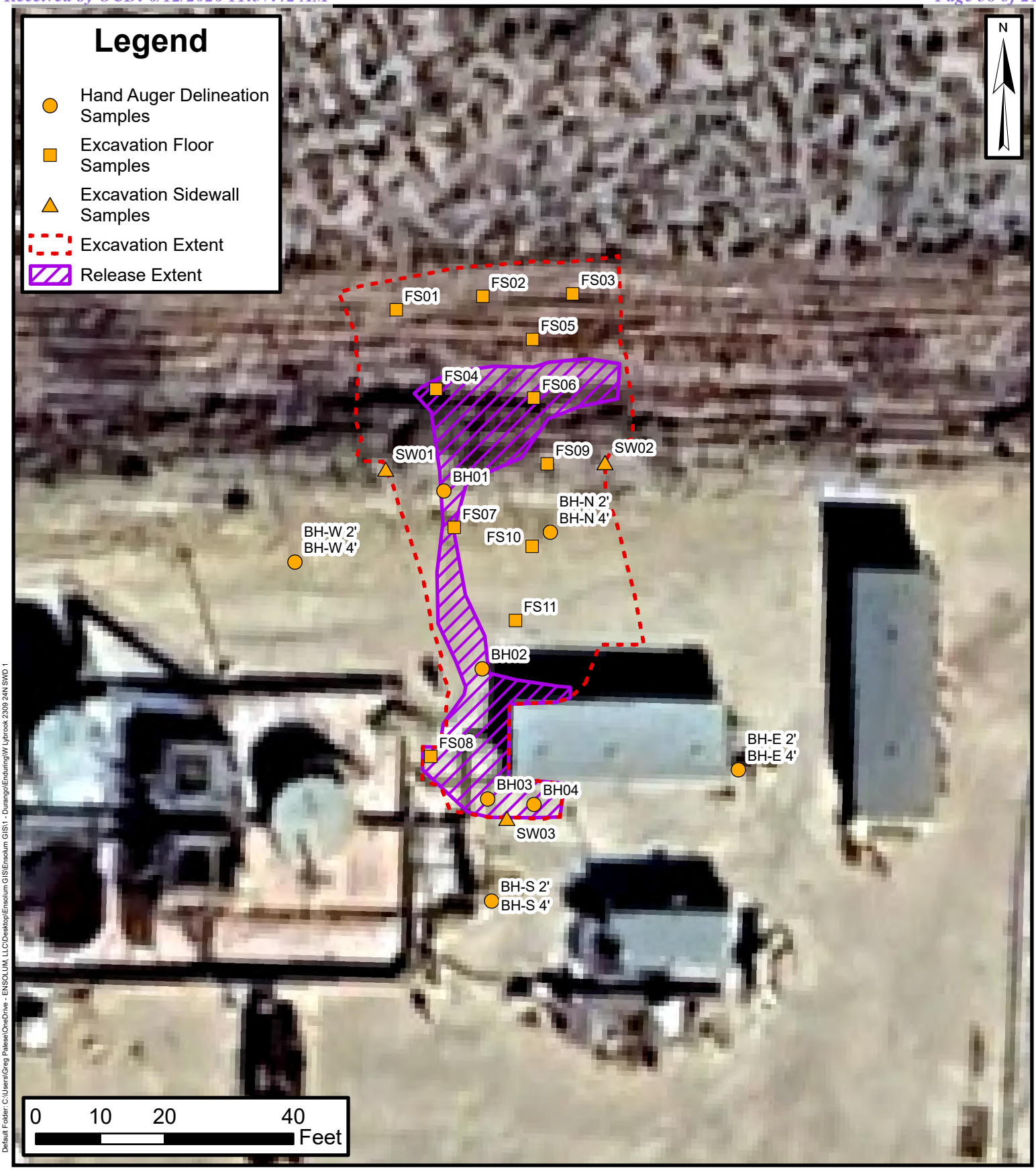
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Environmental, Engineering and Hydrogeologic Consultants

# Site Receptor Map

W Lybrook 2309 24N SWD 1
Enduring Resources, LLC
36.206466, -107.741451
San Juan County, New Mexico

FIGURE
1


Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri Community Maps Contributors, Maxar, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, USGS, Esri, NASA, NGA, USGS, FEMA, Esri, NASA, NGA, USGS, FEMA, Esri, NASA, NGA, USGS, FEMA




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# Soil Sample Locations

W Lybrook 2309 24N SWD 1
Enduring Resources, LLC
36.206466, -107.741451
San Juan County, New Mexico

FIGURE
2

Sources: Google Earth (2023)

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# TABLE

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Received by OCD: 6/12/2026 11:37:42 AM

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# TABLE 1
## SOIL SAMPLE ANALYTICAL RESULTS
## W Lybrook 2309-24N SWD-001
## Enduring Resources, LLC
## San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | 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) | TPH DRO+GRO (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** |
| **Top Four Feet for Reclamation Standard** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | **600** |
| Excavation Area | | | | | | | | | | | | | |
| Floor Samples | | | | | | | | | | | | | |
| FS01 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |
| FS02 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.9 | <50 | <9.9 | <50 | <60 |
| FS03 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | <60 |
| FS04 | 5/7/2025 | 2-3 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.8 | <49 | <9.8 | <49 | **1,100** |
| FS04R | 5/29/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 400 |
| FS05 | 5/7/2025 | 2-4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.4 | <47 | <9.4 | <47 | 150 |
| FS06 | 5/7/2025 | 2-3 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.9 | <50 | <9.9 | <50 | **770** |
| FS06R | 5/29/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 190 |
| FS07 | 5/7/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.8 | <49 | <9.8 | <49 | 570 |
| FS08 | 5/7/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | 340 |
| FS09 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.5 | <48 | <9.5 | <48 | 130 |
| FS10 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <9.6 | <48 | <9.6 | <48 | 100 |
| FS11 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.095 | <0.095 | <4.8 | <9.8 | <49 | <9.8 | <49 | 340 |
| Sidewall Samples | | | | | | | | | | | | | |
| SW01 | 5/7/2025 | 0-4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.6 | <48 | <9.6 | <48 | 510 |
| SW02 | 5/7/2025 | 0-4 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| SW03 | 5/7/2025 | 0-2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.5 | <48 | <9.5 | <48 | **1,600** |
| Borehole Samples | | | | | | | | | | | | | |
| BH01 | 5/13/2025 | 4 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH02 | 5/13/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.9 | <49 | <9.9 | <49 | <60 |
| BH03 | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <10 | <50 | <10 | <50 | 170 |
| BH04 | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | 75 |
| BH-N 2' | 5/13/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.9 | <50 | <9.9 | <50 | <60 |
| BH-N 4' | 5/13/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.7 | <9.6 | <48 | <9.6 | <48 | 69 |
| BH-E 2' | 5/13/2025 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| BH-E 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |
| BH-S 2' | 5/13/2025 | 2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH-S 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.1 | <46 | <9.1 | <46 | <60 |
| BH-W 2' | 5/13/2025 | 2 | <0.023 | <0.047 | <0.047 | <0.093 | <0.093 | <4.7 | <9.4 | <47 | <9.4 | <47 | <60 |
| BH-W 4' | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.7 | <48 | <9.7 | <48 | 63 |

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# TABLE 1
## SOIL SAMPLE ANALYTICAL RESULTS
## W Lybrook 2309-24N SWD-001
## Enduring Resources, LLC
## San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | 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) | TPH DRO+GRO (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** |
| **Top Four Feet for Reclamation Standard** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | **600** |

***Notes:***

*bgs: Below ground surface*
*BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes*
*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*

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# ATTACHMENT 1

# Referenced Well Records

**ENDURING RESOURCES IV, LLC**
**511 SIXTEENTH STREET, SUITE 700**
**DENVER, COLORADO 80202**

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO
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**DRILLING PLAN:** ***Drill, complete, and equip water supply well in the Entrada formation***

**WELL INFORMATION:**

***Name:*** **West Lybrook Unit 2309-24N WSW (SJ-4301 POD3)**
***State:*** New Mexico
***County:*** San Juan
***Surface Elevation:*** 6,878 ft ASL (GL) 6,892 ft ASL (KB)
***Surface Location:*** 24-23N-09W Sec-Twn-Rng TBD ft FNL TBD ft FEL
TBD °N latitude TBD °W longitude (NAD 83)
***BH Location:*** 24-23N-09W Sec-Twn-Rng TBD ft FNL TBD ft FWL
TBD °N latitude TBd °W longitude (NAD 83)
***Driving Directions:*** From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM: south on 550 for approximately 50 miles to Enduring Gallup fireld. Exact directions TBD.

**GEOLOGIC AND RESERVOIR INFORMATION:**

***Prognosis:***

| Formation Tops | TVD (ft ASL) | TVD (ft KB) | MD (ft KB) | O / G / W | Pressure |
|---|---|---|---|---|---|
| Ojo Alamo | 6,797 | 95 | 95 | W | normal |
| Kirtland | 6,577 | 315 | 315 | W | normal |
| Fruitland | 6,467 | 425 | 425 | G, W | sub |
| Pictured Cliffs | 6,167 | 725 | 725 | G, W | sub |
| Lewis | 5,992 | 900 | 900 | G, W | normal |
| Chacra | 5,827 | 1,065 | 1,065 | G, W | normal |
| Cliff House | 5,442 | 1,450 | 1,450 | G, W | sub |
| Menefee | 4,692 | 2,200 | 2,200 | G, W | normal |
| Point Lookout | 3,767 | 3,125 | 3,125 | G, W | normal |
| Mancos | 3,542 | 3,350 | 3,350 | O,G | normal |
| Gallup | 3,342 | 3,550 | 3,550 | O,G | normal |
| Base Greenhorn | 1,827 | 5,065 | 5,065 | G, W | normal |
| Dakota | 1,777 | 5,115 | 5,115 | G, W | normal |
| Morrison | 1,517 | 5,375 | 5,375 | G, W | normal |
| Todilto | 697 | 6,195 | 6,195 | G, W | normal |
| **Entrada** | **642** | **6,250** | **6,250** | **O,G,W** | **normal** |
| **TOTAL DEPTH** | **142** | **6,750** | **6,750** | **O,G,W** | **normal** |

***Surface:*** Nacimiento
***Oil & Gas Zones:*** Several gas bearing zones will be encountered; target formation is the Entrada
***Pressure:*** Normal (0.43 psi/ft) or sub-normal pressure gradient anticipated in all formations
Max. pressure gradient: 0.43 psi/ft Evacuated hole gradient: 0.22 psi/ft
**Maximum anticipated BH pressure, assuming maximum pressure gradient: 2,690 psi**
**Maximum anticipated surface pressure, assuming partially evacuated hole: 1,320 psi**
***Temperature:*** **Maximum anticipated BHT is 205° F or less**

**$H_2S$ INFORMATION:**

***$H_2S$ Zones:*** Encountering hydrogen-sulfide bearing zones is **NOT** anticipated.
***Safety:*** Sensors and alarms will be placed in the substructure, on the rig floor, above the pits, and at the shakers.

**LOGGING, CORING, AND TESTING:**

***Mud Logs:*** Mud logging and cuttings sampling from drillout of 9-5/8" casing to TD; total gas chromatograph will be run from drillout of 9-5/8" casing to TD

***MWD / LWD:*** None planned

***Open Hole Logs:*** Triple-Combo log from TD of 8-3/4" hole to surface

***Testing:*** None planned

***Coring:*** None planned

***Cased Hole Logs:*** CBL on 7" casing from PBTD to surface

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**DRILLING RIG INFORMATION:**

***Contractor:*** Mo-Te

***Rig No.:*** Aztec 920

***Draw Works:*** TSM-850, 1,000 hp

***Mast:*** 106', 440,000 lbs

***Top Drive:*** Tesco 250 ton

***Prime Movers:*** 2 CAT C-18

***Pumps:*** 2 - RSF-1300 (3,000 psi)

***BOPE 1:*** Double Gate Ram (11" 3,000 psi)

***BOPE 2:*** Annular Preventer (11" 3,000 psi)

***Choke*** 3" x 5,000 psi

***KB-GL (ft):*** 14

**BOPE REQUIREMENTS:**

*See attached diagram for details regarding BOPE specifications and configuration.*

1) Rig will be equipped with upper and lower kelly cocks with handles available.
2) Inside BOP and TIW valves will be available to use on all sizes and threads of drill pipe used while drilling the well.
2) BOP accumulator will have enough capacity to open the HCR valve, close all rams and annular preventer, and retain minimum of 200 psi above precharge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the usable fluid volume of the accumulator system capacity, and the fluid level shall be maintained at manufacturer's recommendation. There will be two additional sources of power for the closing pumps (electric and air). Sufficient nitrogen bottles will be available and will be recharged when pressure falls below manufacturer's recommended minimum.
3) BOP testing shall be conducted (a) when initially installed, (b) whenever any seal is broken or repaired, (c) if the time since the previous test exceeds 30 days. Tests will be conducted using a test plug. BOP ram preventers will be tested to 3,000 psi for 10 minutes, and the annular preventer will be tested to 1,500 psi for 10 minutes. Ram and annular preventers will be tested to 250 psi for 5 minutes. Additionally, BOP and casing strings will be tested to .22 psi/ft (or 1,500 psi minimum) for 30 minutes, prior to drilling out 9-5/8". Rams and hydraulically operated remote choke line valve will be function tested daily at a minimum.
4) Remote valve for BOP rams, HCR, and choke shall be placed in a location that is readily available to the driller. The remote BOP valve shall be capable of closing and opening the rams.
5) Manual locking devices (hand wheels) shall be intalled on rams. A valve will be installed on the annular preventer's closing line as close as possible to the preventer to act as a locking device.The valve will be maintained in the open position and shall only be closed when the there is no power to the accumulator.

**FLUIDS AND SOLIDS CONTROL PROGRAM:**

***Fluid Measurement:*** Pumps shall be equipped with stroke counters with displays in the dog-house. Slow pump speed shall be recorded daily and after mudding up, at a minimum, on drilling report. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog-house. Gas-detecting equipment will be installed at the shakers, and readouts will be available in the dog-house and the in the geologist's work-station.

**Closed-Loop System:** A fully, closed-loop system will be utilized. The system will consist of above-ground piping and above-ground storage tanks and bins. The system will not entail any earthen pits, below-grade storage, or drying pads. All equipment will be disassembled and removed from the site when drilling operations cease. The system will be capable of storing all fluids and generated cuttings and of preventing uncontrolled releases of the same. The system will be operated in an efficient manner to allow the recycling and reuse of as much fluid as possible and to minimimize the amount of fluids and solids that require disposal.

**Fluid Disposal:** Fluids that cannot be reused, recycled, or returned to the supplier will be hauled to and disposed of at an approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.).

**Solids Disposal:** Drilling solids will be stored (until haul-off) on-site in separate containers with no other waste, debris, or garbage products. Waste solids will be hauled to and disposed of at an approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.).

**Fluid Program:** See "Detailed Drilling Plan" section for specifics.

## DETAILED DRILLING PLAN:

**SURFACE:** *Drill vertically to casing setting depth, run casing, install wellhead, cement casing to surface.*

| | | | | | |
|---|---|---|---|---|---|
| 0 ft (MD) | to | 350 ft (MD) | Hole Section Length: | 350 ft |
| 0 ft (TVD) | to | 350 ft (TVD) | Casing Required: | 350 ft |

***Note: Surface hole may be drilled, cased, and cemented with a smaller rig in advance of the drilling rig.***

**Fluid:**

| Type | MW (ppg) | FL (mL/30 min) | PV (cp) | YP (lb/100 sqft) | pH | Comments |
|---|---|---|---|---|---|---|
| Fresh Water | 8.4 | N/C | 2 - 8 | 2 - 12 | 9.0 | Spud mud |

**Hole Size:** 12-1/4"

**Bit / Motor:** Mill Tooth or PDC, no motor

**MWD / Survey:** No MWD, run deviation survey in 100' stations after drilling

**Logging:** None

**Casing Specs:**

| | Wt (lb/ft) | Grade | Conn. | Collapse (psi) | Burst (psi) | Tens. Body (lbs) | Tens. Conn (lbs) |
|---|---|---|---|---|---|---|---|
| Specs | 9.625 | 36.0 | J-55 | LTC | 2,020 | 3,520 | 564,000 | 394,000 |
| Loading | | | | | 153 | 1,520 | 110,988 | 110,988 |
| Min. S.F. | | | | | **13.21** | **2.32** | **5.08** | **3.55** |

*Assumptions: Collapse: fully evacuated casing with 8.4 ppg equivalent external pressure gradient*
*Burst: maximum anticipated surface pressure or maximum test pressure with 9.5 ppg fluid inside casing while drilling production hole and 8.4 ppg equivalent external pressure gradient*
*Tension: buoyed weight in 8.4 ppg fluid with 100,000 lbs over-pull*

**MU Torque (ft lbs):** *Minumum: 3,400 Optimum: 4,530 Maximum: 5,660*

**Casing Details:** Guide shoe, float collar, 1 jt casing, float collar, landing collar, casing to surface, API-certified wellhead

**Centralizers:** 2 centralizers per jt stop-banded 10' from each collar on bottom 3 jts, 1 centralizer per 2 jts to surface

**Cement:**

| Type | Weight (ppg) | Yield (cuft/sk) | Water (gal/sk) | % Excess | Planned TOC (ft MD) | Total Cmt (sx) |
|---|---|---|---|---|---|---|
| Class G | 15.8 | 1.174 | 5.15 | 100% | 0 | 187 |

*Annular Capacity* 0.3132 cuft/ft (12-1/4" hole x 9-5/8" casing annulus)

*Calculated cement volumes assume gauge hole and the excess noted in table*
*Halliburton HALCEM surface cementing blend*

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**PRODUCTION:** *Drill to TD following directional plan, run casing, cement casing to surface.*

| | | | | |
|---|---|---|---|---|
| 350 ft (MD) | to | 6,750 ft (MD) | Hole Section Length: | 6,400 ft |
| 350 ft (TVD) | to | 6,750 ft (TVD) | Casing Required: | 6,750 ft |

| Fluid: | Type | MW (ppg) | FL (mL/30') | PV (cp) | YP (lb/100 ft$^2$) | pH | Comments |
|---|---|---|---|---|---|---|---|
| | KCl Fluid | 8.8 - 9.5 | 20 | 8 - 14 | 8 - 14 | 9.0 - 9.5 | |

**Hole Size:** 8-3/4"

**Bit / Motor:** PDC w/mud motor

**MWD / Survey:** No MWD planned, deviation survey

**Logging:** Triple Combo OH logs

**Procedure:** NU BOPE and test (as noted above); pressure test 9-5/8" casing to **1,500** psi for 30 minutes. Drill vertically to TD. After reaching TD, make wiper trip(s) as dictated by hole conditions to condition hole for logs and casing running. TOH. Run OH logs from TD to surface. Run casing as described below. Space out casing as close to TD as possible. Pump cement as detailed below. Note cement volume circulated to surface.

| Casing Specs: | Size (in) | Wt (lb/ft) | Grade | Conn. | Collapse (psi) | Burst (psi) | Tens. Body (lbs) | Tens. Conn (lbs) |
|---|---|---|---|---|---|---|---|---|
| *Specs* | 7.000 | 26.0 | HCL-80 | LTC | 7,800 | 7,240 | 604,000 | 570,000 |
| *Loading* | | | | | 2,948 | 4,983 | 251,975 | 251,975 |
| *Min. S.F.* | | | | | **2.65** | **1.45** | **2.40** | **2.26** |

*Assumptions: Collapse: fully evacuated casing with 8.4 ppg equivalent external pressure gradient in the annulus*
*Burst: 4,000 psi maximum surface treating pressure with 11.2 ppg equivalent mud weight sand laden fluid during fracturing operations with 8.4 ppg equivalent external pressure gradient*
*Tension: buoyed weight in 8.8 ppg fluid with 100,000 lbs over-pull*

**MU Torque (ft lbs):** *Minumum: 3,830 Optimum: 5,110 Maximum: 6,390*

**Casing Details:**

Float shoe, float collar, 2 jt casing, float collar, casing to surface with 1 - 20' marker joint 100' above the Entrada top

**Centralizers:** 2 centralizers per joint stop-banded 10' from each collar on bottom 3 joints, 1 centralizer per joint to 500' above the Entrada top, 1 centralizer per joint to surface

| Cement: | Type | Weight (ppg) | Yield (cuft/sk) | Water (gal/sk) | % Excess | Planned TOC (ft MD) | Total Cmt (sx) |
|---|---|---|---|---|---|---|---|
| *Lead* | G:POZ blend | 12.3 | 1.987 | 10.16 | 40% | 0 | 380 |
| *Tail* | G:POZ blend | 13.3 | 1.354 | 5.94 | 10% | 3,550 | 391 |

*Annular Capacity*
0.1668 cuft/ft (9-5/8" casing x 7" casing annulus)
0.1503 cuft/ft (8-3/4" hole x 7" casing annulus)

*Calculated cement volumes assume gauge hole and the excess noted in table*
*Halliburton ECONOCEM & EXTENDACEM cementing blend*

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***FINISH WELL:*** ***ND BOP, NU WH, RDMO.***

**Procedure:** ND BOP. NU WH. RDMO. Hand well over to Completions.

## COMPLETION AND PRODUCTION PLAN:

**Completion:** Pressure test 7" casing. Run CBL to from TD to surface. Perforate Entrada. TIH with packer and break down Entrada perforations. Swab back load water and collect formation water sample. Perform complete water analyis. Perforations may be acidized or fracture stimulated to improve inflow.

**Production:** Well will produce up 3-1/2" production tubing via ESP into water storage facility.

## ESTIMATED START DATES:

**Drilling:** 12/1/2017
**Completion:** 12/16/2017
**Production:** 12/31/2017

**Prepared by:** **Alec Bridge** **5/4/2018**
**Updated by:** **Alec Bridge** **11/13/2018** *-updated hole size, updated 7" casing weight*

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# ATTACHMENT 2

# Photolog

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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #1
Initial excavation, March 2025, looking West.



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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #2
Initial excavation, March 2025, looking Northeast.



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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #3
Initial hand dug excavation around equipment, March 2025, looking South.



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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #4
Initial hand dug excavation around equipment, March 2025, looking Northwest.



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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #5
Initial hand dug excavation around equipment, May 2025, looking South.



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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #6
Initial hand dug excavation around equipment, May 2025, looking North.



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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #7
Final excavation extent on May 29, 2025. Looking North.



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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #8
Borehole BH03 within hand dug excavation on May 13, 2025.



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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #9
Borehole BH04 within hand dug excavation on May 13, 2025.



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**Photographic Log**
**W Lybrook 2309 24N SWD 1**
Enduring Resources
San Juan County, New Mexico

Photo #10
Borehole BH-S outside excavation on May 13, 2025.



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# ATTACHMENT 3

# Laboratory Analytical Reports

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Danny Montoya
Enduring Resources
200 Energy Court
Farmington, New Mexico 87401

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## JOB DESCRIPTION

W Lybrook 2309 24 N SWD 001

## JOB NUMBER

885-24529-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.



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# 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
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)345-3975

Client: Enduring Resources
Project/Site: W Lybrook 2309 24 N SWD 001

Laboratory Job ID: 885-24529-1

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# Definitions/Glossary

Client: Enduring Resources Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## 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: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

## Job ID: 885-24529-1 Eurofins Albuquerque

**Job Narrative**
**885-24529-1**

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 5/8/2025 7:00 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 2.6°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: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

## Client Sample ID: FS01

**Date Collected: 05/07/25 11:35**
**Date Received: 05/08/25 07:00**

## Lab Sample ID: 885-24529-1

**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 | | 5.0 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 13:58* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:58 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:58 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:58 | 1 |
| Xylenes, Total | ND | | 0.10 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 13:58* | *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 | | 9.7 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 14:14 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 14:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *115* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 14:14* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 10:53 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS02
**Lab Sample ID: 885-24529-2**
**Date Collected: 05/07/25 11:38**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 15:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 15:03* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 15:03 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 15:03 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 15:03 | 1 |
| Xylenes, Total | ND | | 0.099 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 15:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 15:03* | *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 | | 9.9 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 14:26 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 14:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *113* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 14:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 11:07 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS03
**Lab Sample ID: 885-24529-3**
**Date Collected: 05/07/25 11:41**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

### 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 | | 05/08/25 12:37 | 05/09/25 16:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 16:07* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:07 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:07 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:07 | 1 |
| Xylenes, Total | ND | | 0.097 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 16:07* | *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 | | 9.9 | | mg/Kg | | 05/12/25 10:12 | 05/12/25 14:39 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/12/25 10:12 | 05/12/25 14:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *123* | | *62 - 134* | *05/12/25 10:12* | *05/12/25 14:39* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 11:20 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS04
**Lab Sample ID: 885-24529-4**
**Date Collected: 05/07/25 11:45**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 4.7 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 16:29* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:29 | 1 |
| Ethylbenzene | ND | | 0.047 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:29 | 1 |
| Toluene | ND | | 0.047 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:29 | 1 |
| Xylenes, Total | ND | | 0.095 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 16:29* | *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 | | 9.8 | | mg/Kg | | 05/12/25 10:12 | 05/12/25 14:52 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/12/25 10:12 | 05/12/25 14:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *118* | | *62 - 134* | *05/12/25 10:12* | *05/12/25 14:52* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1100** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 11:33 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS05
**Lab Sample ID: 885-24529-5**
**Date Collected: 05/07/25 11:48**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 16:51* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:51 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:51 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:51 | 1 |
| Xylenes, Total | ND | | 0.10 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 16:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 16:51* | *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 | | 9.4 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 15:05 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 47 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 15:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *126* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 15:05* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **150** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 12:12 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS06
**Lab Sample ID: 885-24529-6**
**Date Collected: 05/07/25 11:52**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

### 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 | | 05/08/25 12:37 | 05/09/25 17:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 17:12* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:12 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:12 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:12 | 1 |
| Xylenes, Total | ND | | 0.097 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 17:12* | *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 | | 9.9 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 15:17 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 15:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *118* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 15:17* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **770** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 12:26 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS07
**Lab Sample ID: 885-24529-7**
**Date Collected: 05/07/25 11:56**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

### 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 | | 05/08/25 12:37 | 05/09/25 17:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 17:34* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:34 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:34 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:34 | 1 |
| Xylenes, Total | ND | | 0.096 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 17:34* | *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 | | 9.8 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 15:30 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 15:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *116* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 15:30* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **570** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 12:39 | 20 |

# Client Sample Results

Client: Enduring Resources
Project/Site: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

## Client Sample ID: FS08

**Date Collected: 05/07/25 11:59**
**Date Received: 05/08/25 07:00**

## Lab Sample ID: 885-24529-8

**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 | | 4.7 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 17:56* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:56 | 1 |
| Ethylbenzene | ND | | 0.047 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:56 | 1 |
| Toluene | ND | | 0.047 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:56 | 1 |
| Xylenes, Total | ND | | 0.095 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 17:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 17:56* | *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 | | 05/12/25 09:42 | 05/12/25 15:43 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 48 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 15:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *118* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 15:43* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **340** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 12:52 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS09
**Lab Sample ID: 885-24529-9**
**Date Collected: 05/07/25 12:03**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

### 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 | | 05/08/25 12:37 | 05/09/25 18:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 18:18* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 18:18 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 18:18 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 18:18 | 1 |
| Xylenes, Total | ND | | 0.097 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 18:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 18:18* | *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 | | 9.5 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 15:56 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 48 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 15:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *119* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 15:56* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **130** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 13:05 | 20 |

# Client Sample Results

Client: Enduring Resources
Project/Site: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

## Client Sample ID: FS10

**Date Collected: 05/07/25 12:06**
**Date Received: 05/08/25 07:00**

## Lab Sample ID: 885-24529-10

**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 | | 05/08/25 12:37 | 05/09/25 18:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 18:39* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 18:39 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 18:39 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 18:39 | 1 |
| Xylenes, Total | ND | | 0.099 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 18:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 18:39* | *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 | | 05/12/25 09:42 | 05/12/25 16:09 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 48 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 16:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *124* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 16:09* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **100** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 13:18 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS11
**Lab Sample ID: 885-24529-11**
**Date Collected: 05/07/25 12:09**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

### 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 | | 05/08/25 12:37 | 05/09/25 19:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 19:22* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 19:22 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 19:22 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 19:22 | 1 |
| Xylenes, Total | ND | | 0.095 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 19:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 19:22* | *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 | | 9.8 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 16:21 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 16:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *123* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 16:21* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **340** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 13:31 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: SW01
**Lab Sample ID: 885-24529-12**
**Date Collected: 05/07/25 12:12**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 19:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 19:44* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 19:44 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 19:44 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 19:44 | 1 |
| Xylenes, Total | ND | | 0.099 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 19:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 19:44* | *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 | | 05/12/25 09:42 | 05/12/25 16:34 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 48 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 16:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *124* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 16:34* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **510** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 13:44 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: SW02
**Lab Sample ID: 885-24529-13**
**Date Collected: 05/07/25 12:15**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

### 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 | | 05/08/25 12:37 | 05/09/25 20:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 20:06* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 20:06 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 20:06 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 20:06 | 1 |
| Xylenes, Total | ND | | 0.096 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 20:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 20:06* | *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 | | 9.8 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 16:47 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 16:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *126* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 16:47* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 13:58 | 20 |

# Client Sample Results

Client: Enduring Resources
Project/Site: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

## Client Sample ID: SW03

**Date Collected: 05/07/25 12:19**
**Date Received: 05/08/25 07:00**

## Lab Sample ID: 885-24529-14

**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 | | 4.6 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 20:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 20:28* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.023 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 20:28 | 1 |
| Ethylbenzene | ND | | 0.046 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 20:28 | 1 |
| Toluene | ND | | 0.046 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 20:28 | 1 |
| Xylenes, Total | ND | | 0.093 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 20:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 20:28* | *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 | | 9.5 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 17:00 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 48 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 17:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *119* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 17:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1600** | | 60 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 14:11 | 20 |

# QC Sample Results

Client: Enduring Resources
Project/Site: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

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

**Lab Sample ID: MB 885-25755/1-A**
**Matrix: Solid**
**Analysis Batch: 25817**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *35 - 166* | *05/08/25 12:37* | *05/09/25 13:36* | *1* |

**Lab Sample ID: LCS 885-25755/2-A**
**Matrix: Solid**
**Analysis Batch: 25817**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | | | 25.0 | 31.5 | | mg/Kg | | 126 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *226* | | *35 - 166* |

**Lab Sample ID: 885-24529-1 MS**
**Matrix: Solid**
**Analysis Batch: 25817**

**Client Sample ID: FS01**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 24.9 | 30.9 | | mg/Kg | | 124 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *227* | | *35 - 166* |

**Lab Sample ID: 885-24529-1 MSD**
**Matrix: Solid**
**Analysis Batch: 25817**

**Client Sample ID: FS01**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 24.9 | 30.2 | | mg/Kg | | 122 | 70 - 130 | 2 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *221* | | *35 - 166* |

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

**Lab Sample ID: MB 885-25755/1-A**
**Matrix: Solid**
**Analysis Batch: 25818**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:36 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:36 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:36 | 1 |

# QC Sample Results

Client: Enduring Resources
Project/Site: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

**Lab Sample ID: MB 885-25755/1-A**
**Matrix: Solid**
**Analysis Batch: 25818**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | ND | | 0.10 | | mg/Kg | | 05/08/25 12:37 | 05/09/25 13:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *48 - 145* | *05/08/25 12:37* | *05/09/25 13:36* | *1* |

**Lab Sample ID: LCS 885-25755/3-A**
**Matrix: Solid**
**Analysis Batch: 25818**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 1.00 | 0.985 | | mg/Kg | | 99 | 70 - 130 | | |
| Ethylbenzene | | | 1.00 | 0.995 | | mg/Kg | | 100 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 2.00 | 2.02 | | mg/Kg | | 101 | 70 - 130 | | |
| o-Xylene | | | 1.00 | 1.03 | | mg/Kg | | 103 | 70 - 130 | | |
| Toluene | | | 1.00 | 0.978 | | mg/Kg | | 98 | 70 - 130 | | |
| Xylenes, Total | | | 3.00 | 3.05 | | mg/Kg | | 102 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *48 - 145* |

**Lab Sample ID: 885-24529-2 MS**
**Matrix: Solid**
**Analysis Batch: 25818**

**Client Sample ID: FS02**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.998 | 1.03 | | mg/Kg | | 103 | 70 - 130 | | |
| Ethylbenzene | ND | | 0.998 | 1.08 | | mg/Kg | | 109 | 70 - 130 | | |
| m-Xylene & p-Xylene | ND | | 2.00 | 2.19 | | mg/Kg | | 110 | 70 - 130 | | |
| o-Xylene | ND | | 0.998 | 1.09 | | mg/Kg | | 109 | 70 - 130 | | |
| Toluene | ND | | 0.998 | 1.03 | | mg/Kg | | 104 | 70 - 130 | | |
| Xylenes, Total | ND | | 2.99 | 3.28 | | mg/Kg | | 110 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *48 - 145* |

**Lab Sample ID: 885-24529-2 MSD**
**Matrix: Solid**
**Analysis Batch: 25818**

**Client Sample ID: FS02**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.999 | 1.01 | | mg/Kg | | 101 | 70 - 130 | 2 | 20 |
| Ethylbenzene | ND | | 0.999 | 1.06 | | mg/Kg | | 106 | 70 - 130 | 2 | 20 |
| m-Xylene & p-Xylene | ND | | 2.00 | 2.11 | | mg/Kg | | 106 | 70 - 130 | 4 | 20 |
| o-Xylene | ND | | 0.999 | 1.07 | | mg/Kg | | 107 | 70 - 130 | 2 | 20 |
| Toluene | ND | | 0.999 | 1.01 | | mg/Kg | | 101 | 70 - 130 | 2 | 20 |
| Xylenes, Total | ND | | 3.00 | 3.18 | | mg/Kg | | 106 | 70 - 130 | 3 | 20 |

# QC Sample Results

Client: Enduring Resources
Project/Site: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

**Lab Sample ID: 885-24529-2 MSD**
**Matrix: Solid**
**Analysis Batch: 25818**

**Client Sample ID: FS02**
**Prep Type: Total/NA**
**Prep Batch: 25755**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *48 - 145* |

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

**Lab Sample ID: MB 885-25903/1-A**
**Matrix: Solid**
**Analysis Batch: 25891**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 25903**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 10 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 11:46 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 05/12/25 09:42 | 05/12/25 11:46 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *124* | | *62 - 134* | *05/12/25 09:42* | *05/12/25 11:46* | *1* |

**Lab Sample ID: LCS 885-25903/2-A**
**Matrix: Solid**
**Analysis Batch: 25891**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 25903**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 50.0 | 42.5 | | mg/Kg | | 85 | 51 - 148 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *109* | | *62 - 134* |

**Lab Sample ID: 885-24529-14 MS**
**Matrix: Solid**
**Analysis Batch: 25891**

**Client Sample ID: SW03**
**Prep Type: Total/NA**
**Prep Batch: 25903**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 49.5 | 51.9 | | mg/Kg | | 105 | 44 - 136 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *131* | | *62 - 134* |

**Lab Sample ID: 885-24529-14 MSD**
**Matrix: Solid**
**Analysis Batch: 25891**

**Client Sample ID: SW03**
**Prep Type: Total/NA**
**Prep Batch: 25903**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 50.0 | 58.5 | | mg/Kg | | 117 | 44 - 136 | 12 | 32 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *131* | | *62 - 134* |

# QC Sample Results

Client: Enduring Resources
Project/Site: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 885-25794/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 25799** — **Prep Batch: 25794**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 1.5 | | mg/Kg | | 05/09/25 07:51 | 05/09/25 09:35 | 1 |

**Lab Sample ID: LCS 885-25794/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 25799** — **Prep Batch: 25794**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 15.0 | 15.3 | | mg/Kg | | 102 | 90 - 110 | | |

**Lab Sample ID: 885-24529-13 MS** — **Client Sample ID: SW02**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 25799** — **Prep Batch: 25794**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 30.0 | ND | | mg/Kg | | NC | 50 - 150 | | |

**Lab Sample ID: 885-24529-13 MSD** — **Client Sample ID: SW02**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 25799** — **Prep Batch: 25794**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 30.2 | ND | | mg/Kg | | NC | 50 - 150 | NC | 20 |

# QC Association Summary

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## GC VOA

### Prep Batch: 25755

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24529-1 | FS01 | Total/NA | Solid | 5030C | |
| 885-24529-2 | FS02 | Total/NA | Solid | 5030C | |
| 885-24529-3 | FS03 | Total/NA | Solid | 5030C | |
| 885-24529-4 | FS04 | Total/NA | Solid | 5030C | |
| 885-24529-5 | FS05 | Total/NA | Solid | 5030C | |
| 885-24529-6 | FS06 | Total/NA | Solid | 5030C | |
| 885-24529-7 | FS07 | Total/NA | Solid | 5030C | |
| 885-24529-8 | FS08 | Total/NA | Solid | 5030C | |
| 885-24529-9 | FS09 | Total/NA | Solid | 5030C | |
| 885-24529-10 | FS10 | Total/NA | Solid | 5030C | |
| 885-24529-11 | FS11 | Total/NA | Solid | 5030C | |
| 885-24529-12 | SW01 | Total/NA | Solid | 5030C | |
| 885-24529-13 | SW02 | Total/NA | Solid | 5030C | |
| 885-24529-14 | SW03 | Total/NA | Solid | 5030C | |
| MB 885-25755/1-A | Method Blank | Total/NA | Solid | 5030C | |
| LCS 885-25755/2-A | Lab Control Sample | Total/NA | Solid | 5030C | |
| LCS 885-25755/3-A | Lab Control Sample | Total/NA | Solid | 5030C | |
| 885-24529-1 MS | FS01 | Total/NA | Solid | 5030C | |
| 885-24529-1 MSD | FS01 | Total/NA | Solid | 5030C | |
| 885-24529-2 MS | FS02 | Total/NA | Solid | 5030C | |
| 885-24529-2 MSD | FS02 | Total/NA | Solid | 5030C | |

### Analysis Batch: 25817

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24529-1 | FS01 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-2 | FS02 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-3 | FS03 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-4 | FS04 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-5 | FS05 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-6 | FS06 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-7 | FS07 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-8 | FS08 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-9 | FS09 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-10 | FS10 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-11 | FS11 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-12 | SW01 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-13 | SW02 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-14 | SW03 | Total/NA | Solid | 8015D | 25755 |
| MB 885-25755/1-A | Method Blank | Total/NA | Solid | 8015D | 25755 |
| LCS 885-25755/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 25755 |
| 885-24529-1 MS | FS01 | Total/NA | Solid | 8015D | 25755 |
| 885-24529-1 MSD | FS01 | Total/NA | Solid | 8015D | 25755 |

### Analysis Batch: 25818

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24529-1 | FS01 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-2 | FS02 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-3 | FS03 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-4 | FS04 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-5 | FS05 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-6 | FS06 | Total/NA | Solid | 8021B | 25755 |

# QC Association Summary

Client: Enduring Resources
Project/Site: W Lybrook 2309 24 N SWD 001

Job ID: 885-24529-1

## GC VOA (Continued)

### Analysis Batch: 25818 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24529-7 | FS07 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-8 | FS08 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-9 | FS09 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-10 | FS10 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-11 | FS11 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-12 | SW01 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-13 | SW02 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-14 | SW03 | Total/NA | Solid | 8021B | 25755 |
| MB 885-25755/1-A | Method Blank | Total/NA | Solid | 8021B | 25755 |
| LCS 885-25755/3-A | Lab Control Sample | Total/NA | Solid | 8021B | 25755 |
| 885-24529-2 MS | FS02 | Total/NA | Solid | 8021B | 25755 |
| 885-24529-2 MSD | FS02 | Total/NA | Solid | 8021B | 25755 |

## GC Semi VOA

### Analysis Batch: 25891

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24529-1 | FS01 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-2 | FS02 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-3 | FS03 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-4 | FS04 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-5 | FS05 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-6 | FS06 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-7 | FS07 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-8 | FS08 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-9 | FS09 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-10 | FS10 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-11 | FS11 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-12 | SW01 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-13 | SW02 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-14 | SW03 | Total/NA | Solid | 8015D | 25903 |
| MB 885-25903/1-A | Method Blank | Total/NA | Solid | 8015D | 25903 |
| LCS 885-25903/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 25903 |
| 885-24529-14 MS | SW03 | Total/NA | Solid | 8015D | 25903 |
| 885-24529-14 MSD | SW03 | Total/NA | Solid | 8015D | 25903 |

### Prep Batch: 25903

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24529-1 | FS01 | Total/NA | Solid | SHAKE | |
| 885-24529-2 | FS02 | Total/NA | Solid | SHAKE | |
| 885-24529-3 | FS03 | Total/NA | Solid | SHAKE | |
| 885-24529-4 | FS04 | Total/NA | Solid | SHAKE | |
| 885-24529-5 | FS05 | Total/NA | Solid | SHAKE | |
| 885-24529-6 | FS06 | Total/NA | Solid | SHAKE | |
| 885-24529-7 | FS07 | Total/NA | Solid | SHAKE | |
| 885-24529-8 | FS08 | Total/NA | Solid | SHAKE | |
| 885-24529-9 | FS09 | Total/NA | Solid | SHAKE | |
| 885-24529-10 | FS10 | Total/NA | Solid | SHAKE | |
| 885-24529-11 | FS11 | Total/NA | Solid | SHAKE | |
| 885-24529-12 | SW01 | Total/NA | Solid | SHAKE | |
| 885-24529-13 | SW02 | Total/NA | Solid | SHAKE | |

# QC Association Summary

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## GC Semi VOA (Continued)

### Prep Batch: 25903 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24529-14 | SW03 | Total/NA | Solid | SHAKE | |
| MB 885-25903/1-A | Method Blank | Total/NA | Solid | SHAKE | |
| LCS 885-25903/2-A | Lab Control Sample | Total/NA | Solid | SHAKE | |
| 885-24529-14 MS | SW03 | Total/NA | Solid | SHAKE | |
| 885-24529-14 MSD | SW03 | Total/NA | Solid | SHAKE | |

## HPLC/IC

### Prep Batch: 25794

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24529-1 | FS01 | Total/NA | Solid | 300_Prep | |
| 885-24529-2 | FS02 | Total/NA | Solid | 300_Prep | |
| 885-24529-3 | FS03 | Total/NA | Solid | 300_Prep | |
| 885-24529-4 | FS04 | Total/NA | Solid | 300_Prep | |
| 885-24529-5 | FS05 | Total/NA | Solid | 300_Prep | |
| 885-24529-6 | FS06 | Total/NA | Solid | 300_Prep | |
| 885-24529-7 | FS07 | Total/NA | Solid | 300_Prep | |
| 885-24529-8 | FS08 | Total/NA | Solid | 300_Prep | |
| 885-24529-9 | FS09 | Total/NA | Solid | 300_Prep | |
| 885-24529-10 | FS10 | Total/NA | Solid | 300_Prep | |
| 885-24529-11 | FS11 | Total/NA | Solid | 300_Prep | |
| 885-24529-12 | SW01 | Total/NA | Solid | 300_Prep | |
| 885-24529-13 | SW02 | Total/NA | Solid | 300_Prep | |
| 885-24529-14 | SW03 | Total/NA | Solid | 300_Prep | |
| MB 885-25794/1-A | Method Blank | Total/NA | Solid | 300_Prep | |
| LCS 885-25794/2-A | Lab Control Sample | Total/NA | Solid | 300_Prep | |
| 885-24529-13 MS | SW02 | Total/NA | Solid | 300_Prep | |
| 885-24529-13 MSD | SW02 | Total/NA | Solid | 300_Prep | |

### Analysis Batch: 25799

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24529-1 | FS01 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-2 | FS02 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-3 | FS03 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-4 | FS04 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-5 | FS05 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-6 | FS06 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-7 | FS07 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-8 | FS08 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-9 | FS09 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-10 | FS10 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-11 | FS11 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-12 | SW01 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-13 | SW02 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-14 | SW03 | Total/NA | Solid | 300.0 | 25794 |
| MB 885-25794/1-A | Method Blank | Total/NA | Solid | 300.0 | 25794 |
| LCS 885-25794/2-A | Lab Control Sample | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-13 MS | SW02 | Total/NA | Solid | 300.0 | 25794 |
| 885-24529-13 MSD | SW02 | Total/NA | Solid | 300.0 | 25794 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS01
**Lab Sample ID: 885-24529-1**
**Date Collected: 05/07/25 11:35**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 13:58 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 13:58 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 14:14 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 10:53 |

## Client Sample ID: FS02
**Lab Sample ID: 885-24529-2**
**Date Collected: 05/07/25 11:38**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 15:03 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 15:03 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 14:26 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 11:07 |

## Client Sample ID: FS03
**Lab Sample ID: 885-24529-3**
**Date Collected: 05/07/25 11:41**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 16:07 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 16:07 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 10:12 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 14:39 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 11:20 |

## Client Sample ID: FS04
**Lab Sample ID: 885-24529-4**
**Date Collected: 05/07/25 11:45**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 16:29 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS04
**Lab Sample ID: 885-24529-4**
**Date Collected: 05/07/25 11:45**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 16:29 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 10:12 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 14:52 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 11:33 |

## Client Sample ID: FS05
**Lab Sample ID: 885-24529-5**
**Date Collected: 05/07/25 11:48**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 16:51 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 16:51 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 15:05 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 12:12 |

## Client Sample ID: FS06
**Lab Sample ID: 885-24529-6**
**Date Collected: 05/07/25 11:52**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 17:12 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 17:12 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 15:17 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 12:26 |

## Client Sample ID: FS07
**Lab Sample ID: 885-24529-7**
**Date Collected: 05/07/25 11:56**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 17:34 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 17:34 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS07
**Lab Sample ID: 885-24529-7**
**Date Collected: 05/07/25 11:56**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 15:30 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 12:39 |

## Client Sample ID: FS08
**Lab Sample ID: 885-24529-8**
**Date Collected: 05/07/25 11:59**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 17:56 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 17:56 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 15:43 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 12:52 |

## Client Sample ID: FS09
**Lab Sample ID: 885-24529-9**
**Date Collected: 05/07/25 12:03**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 18:18 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 18:18 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 15:56 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 13:05 |

## Client Sample ID: FS10
**Lab Sample ID: 885-24529-10**
**Date Collected: 05/07/25 12:06**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 18:39 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 18:39 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 16:09 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: FS10
**Lab Sample ID: 885-24529-10**
**Date Collected: 05/07/25 12:06**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 13:18 |

## Client Sample ID: FS11
**Lab Sample ID: 885-24529-11**
**Date Collected: 05/07/25 12:09**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 19:22 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 19:22 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 16:21 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 13:31 |

## Client Sample ID: SW01
**Lab Sample ID: 885-24529-12**
**Date Collected: 05/07/25 12:12**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 19:44 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 19:44 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 16:34 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 13:44 |

## Client Sample ID: SW02
**Lab Sample ID: 885-24529-13**
**Date Collected: 05/07/25 12:15**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 20:06 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 20:06 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 16:47 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 13:58 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## Client Sample ID: SW03
**Lab Sample ID: 885-24529-14**

**Date Collected: 05/07/25 12:19**
**Matrix: Solid**
**Date Received: 05/08/25 07:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8015D | | 1 | 25817 | AT | EET ALB | 05/09/25 20:28 |
| Total/NA | Prep | 5030C | | | 25755 | AT | EET ALB | 05/08/25 12:37 |
| Total/NA | Analysis | 8021B | | 1 | 25818 | AT | EET ALB | 05/09/25 20:28 |
| Total/NA | Prep | SHAKE | | | 25903 | MI | EET ALB | 05/12/25 09:42 |
| Total/NA | Analysis | 8015D | | 1 | 25891 | MI | EET ALB | 05/12/25 17:00 |
| Total/NA | Prep | 300_Prep | | | 25794 | RC | EET ALB | 05/09/25 07:51 |
| Total/NA | Analysis | 300.0 | | 20 | 25799 | RC | EET ALB | 05/09/25 14:11 |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Enduring Resources
Job ID: 885-24529-1
Project/Site: W Lybrook 2309 24 N SWD 001

## 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 |

Released to Imaging: 6/17/2026 3:35:10 PM
Received by OCD: 6/12/2026 11:37:42 AM

# Chain-of-Custody Record

Client: Enduring Resources

Mailing Address:

attn: Tim Friesenhahn

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name:
W Lybrook 2309 24N
SWD 001

Project #:

Project Manager:
Danny Burns
dburns@ensolum.com

Sampler: Osgood Froelich

On Ice: ☒ Yes ☐ No mgs

# of Coolers: 1

Cooler Temp(including CF): 2.4+0.2=2.6 (°C)


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


885-24529 COC

**Analysis Request**

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/7/25 | 1135 | soil | FS01 | 4 oz, one | on ice | | X | X | | | | | X | | | |
| | 1138 | | FS02 | | | | | | | | | | | | | |
| | 1141 | | FS03 | | | | | | | | | | | | | |
| | 1145 | | FS04 | | | | | | | | | | | | | |
| | 1148 | | FS05 | | | | | | | | | | | | | |
| | 1152 | | FS06 | | | | | | | | | | | | | |
| | 1156 | | FS07 | | | | | | | | | | | | | |
| | 1159 | | FS08 | | | | | | | | | | | | | |
| | 1203 | | FS09 | | | | | | | | | | | | | |
| | 1206 | | FS10 | | | | | | | | | | | | | |
| | 1209 | | FS11 | | | | | | | | | | | | | |

| Date | Time | Relinquished by | Received by | Via | Date | Time |
|---|---|---|---|---|---|---|
| 5/7/25 | 16:31 | | | | 5/7/25 | 163 |
| 5/7/25 | 1800 | | | courier | 5/8/25 | 7:00 |

Remarks:
cc: dburns@ensolum.com
ofroelich@ensolum.com
For NMOCD
page 1 of 2

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.

Released to Imaging: 6/17/2026 3:35:10 PM
Received by OCD: 6/12/2026 11:37:42 AM

# Chain-of-Custody Record

Client: Enduring Resources

Mailing Address:

attn: Tim Friesenhahn

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name:
W Lybrook 2309
24N SWD 001

Project #:

Project Manager:
Danny Burns
dburns@ensolum.com

Sampler: Osgood Froelich

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 2.4+0.2=2.6 (°C)

**HALL ENVIRONMENTAL ANALYSIS LABORATORY**
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/7/25 | 1212 | soil | SW01 | 4 oz, one | on ice | | X | X | | | | | X | | | |
| | 1215 | | SW02 | | | | X | X | | | | | X | | | |
| | 1219 | | SW03 | | | | X | X | | | | | X | | | |

| Date | Time | Relinquished by | Received by | Via | Date | Time |
|---|---|---|---|---|---|---|
| 5/7/25 | 16:31 | | | | | |
| 5/7/25 | 1800 | | | | 5/7/25 | 1631 |

Remarks: cc: dburns@ensolum.com
ofroelich@ensolum.com

For NMOCD
page 2 of 2

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: 885-24529-1

**Login Number: 24529** **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 | |

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Danny Montoya
Enduring Resources
200 Energy Court
Farmington, New Mexico 87401

Generated 5/19/2025 12:18:49 PM

## JOB DESCRIPTION

W Lybrook 2309 24N SWD 001 Closure

## JOB NUMBER

885-24881-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.



Released to Imaging: 6/17/2026 3:35:10 PM

# 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



Generated
5/19/2025 12:18:49 PM

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

Client: Enduring Resources
Project/Site: W Lybrook 2309 24N SWD 001 Closure

Laboratory Job ID: 885-24881-1

# Table of Contents


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# Definitions/Glossary

Client: Enduring Resources Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| S1+ | Surrogate recovery exceeds control limits, high biased. |

## 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 Job ID: 885-24881-1
Project: W Lybrook 2309 24N SWD 001 Closure

## Job ID: 885-24881-1 Eurofins Albuquerque

**Job Narrative**
**885-24881-1**

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 5/14/2025 7:10 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 0.3°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**
Method 8015D_DRO: The surrogate recovery for the blank associated with preparation batch 885-26259 and analytical batch 885-26313 was outside the upper control limits. All client samples being reported have acceptable recovery of surrogate and are being reported.

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
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH01
**Lab Sample ID: 885-24881-1**
**Date Collected: 05/13/25 12:55**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 4.7 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 01:14* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:14 | 1 |
| Ethylbenzene | ND | | 0.047 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:14 | 1 |
| Toluene | ND | | 0.047 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:14 | 1 |
| Xylenes, Total | ND | | 0.095 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 01:14* | *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 | | 05/15/25 14:57 | 05/16/25 17:16 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 48 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 17:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *105* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 17:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 13:19 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH02
**Lab Sample ID: 885-24881-2**
**Date Collected: 05/13/25 12:40**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

### 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 | | 05/14/25 12:39 | 05/16/25 01:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 01:36* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:36 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:36 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:36 | 1 |
| Xylenes, Total | ND | | 0.098 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 01:36* | *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 | | 9.9 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 18:27 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 18:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *110* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 18:27* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 15:27 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH03
**Lab Sample ID: 885-24881-3**
**Date Collected: 05/13/25 12:20**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 01:58* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:58 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:58 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:58 | 1 |
| Xylenes, Total | ND | | 0.10 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 01:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 01:58* | *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 | | 10 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 19:15 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 19:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *108* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 19:15* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **170** | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 13:45 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH04
**Lab Sample ID: 885-24881-4**
**Date Collected: 05/13/25 12:00**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

### 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 | | 05/14/25 12:39 | 05/16/25 02:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 02:20* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 02:20 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 02:20 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 02:20 | 1 |
| Xylenes, Total | ND | | 0.097 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 02:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 02:20* | *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 | | 9.9 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 19:39 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 19:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *112* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 19:39* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **75** | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 13:55 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH-N 2'
**Lab Sample ID: 885-24881-5**
**Date Collected: 05/13/25 13:20**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 4.7 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 02:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 02:41* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 02:41 | 1 |
| Ethylbenzene | ND | | 0.047 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 02:41 | 1 |
| Toluene | ND | | 0.047 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 02:41 | 1 |
| Xylenes, Total | ND | | 0.094 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 02:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 02:41* | *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 | | 9.9 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 20:03 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 20:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *107* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 20:03* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 14:05 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH-N 4'
**Lab Sample ID: 885-24881-6**
**Date Collected: 05/13/25 13:25**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

### 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 | | 05/14/25 12:39 | 05/16/25 03:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 03:25* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 03:25 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 03:25 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 03:25 | 1 |
| Xylenes, Total | ND | | 0.097 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 03:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 03:25* | *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 | | 05/15/25 14:57 | 05/16/25 20:26 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 48 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 20:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *106* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 20:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **69** | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 14:18 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH-E 2'
**Lab Sample ID: 885-24881-7**
**Date Collected: 05/13/25 13:50**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

### 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 | | 05/14/25 12:39 | 05/16/25 03:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 03:47* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 03:47 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 03:47 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 03:47 | 1 |
| Xylenes, Total | ND | | 0.097 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 03:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 03:47* | *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 | | 9.8 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 20:50 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 20:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *108* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 20:50* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 14:28 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH-E 4'
**Lab Sample ID: 885-24881-8**
**Date Collected: 05/13/25 13:55**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 04:09* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:09 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:09 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:09 | 1 |
| Xylenes, Total | ND | | 0.099 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 04:09* | *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 | | 9.7 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 22:01 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 22:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *110* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 22:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 14:38 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH-S 2'
**Lab Sample ID: 885-24881-9**
**Date Collected: 05/13/25 11:35**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 4.6 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 04:31* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.023 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:31 | 1 |
| Ethylbenzene | ND | | 0.046 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:31 | 1 |
| Toluene | ND | | 0.046 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:31 | 1 |
| Xylenes, Total | ND | | 0.093 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 04:31* | *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 | | 05/15/25 14:57 | 05/16/25 22:25 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 48 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 22:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *108* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 22:25* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 14:48 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

**Client Sample ID: BH-S 4'**
**Lab Sample ID: 885-24881-10**
**Date Collected: 05/13/25 11:40**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 04:53* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:53 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:53 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:53 | 1 |
| Xylenes, Total | ND | | 0.10 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 04:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 04:53* | *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 | | 9.1 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 22:49 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 46 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 22:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *120* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 22:49* | *1* |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 15:17 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH-W 2'
**Lab Sample ID: 885-24881-11**
**Date Collected: 05/13/25 11:15**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 4.7 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 05:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 05:15* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.023 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 05:15 | 1 |
| Ethylbenzene | ND | | 0.047 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 05:15 | 1 |
| Toluene | ND | | 0.047 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 05:15 | 1 |
| Xylenes, Total | ND | | 0.093 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 05:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 05:15* | *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 | | 9.4 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 23:37 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 47 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 23:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *131* | | *62 - 134* | *05/15/25 14:57* | *05/16/25 23:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 60 | | mg/Kg | | 05/15/25 10:51 | 05/15/25 15:47 | 20 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH-W 4'
**Lab Sample ID: 885-24881-12**
**Date Collected: 05/13/25 11:20**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

### 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 | | 05/14/25 12:39 | 05/16/25 05:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 05:37* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 05:37 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 05:37 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 05:37 | 1 |
| Xylenes, Total | ND | | 0.097 | | mg/Kg | | 05/14/25 12:39 | 05/16/25 05:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *15 - 150* | *05/14/25 12:39* | *05/16/25 05:37* | *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 | | 9.7 | | mg/Kg | | 05/15/25 14:57 | 05/17/25 00:00 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 48 | | mg/Kg | | 05/15/25 14:57 | 05/17/25 00:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *106* | | *62 - 134* | *05/15/25 14:57* | *05/17/25 00:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **63** | | 59 | | mg/Kg | | 05/15/25 10:51 | 05/15/25 15:37 | 20 |

# QC Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

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

**Lab Sample ID: MB 885-26157/1-A**
**Matrix: Solid**
**Analysis Batch: 26318**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 26157**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 05/14/25 12:39 | 05/15/25 20:31 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *15 - 150* | *05/14/25 12:39* | *05/15/25 20:31* | *1* |

**Lab Sample ID: LCS 885-26157/2-A**
**Matrix: Solid**
**Analysis Batch: 26318**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 26157**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | | | 25.0 | 31.2 | | mg/Kg | | 125 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *242* | | *15 - 150* |

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

**Lab Sample ID: MB 885-26157/1-A**
**Matrix: Solid**
**Analysis Batch: 26319**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 26157**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/14/25 12:39 | 05/15/25 20:31 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/14/25 12:39 | 05/15/25 20:31 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/14/25 12:39 | 05/15/25 20:31 | 1 |
| Xylenes, Total | ND | | 0.10 | | mg/Kg | | 05/14/25 12:39 | 05/15/25 20:31 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *15 - 150* | *05/14/25 12:39* | *05/15/25 20:31* | *1* |

**Lab Sample ID: LCS 885-26157/3-A**
**Matrix: Solid**
**Analysis Batch: 26319**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 26157**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 1.00 | 0.979 | | mg/Kg | | 98 | 70 - 130 | | |
| Ethylbenzene | | | 1.00 | 0.992 | | mg/Kg | | 99 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 2.00 | 2.03 | | mg/Kg | | 101 | 70 - 130 | | |
| o-Xylene | | | 1.00 | 1.01 | | mg/Kg | | 101 | 70 - 130 | | |
| Toluene | | | 1.00 | 0.965 | | mg/Kg | | 96 | 70 - 130 | | |
| Xylenes, Total | | | 3.00 | 3.03 | | mg/Kg | | 101 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *15 - 150* |

# QC Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

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

**Lab Sample ID: MB 885-26259/1-A**
**Matrix: Solid**
**Analysis Batch: 26313**
**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 26259**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 10 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 16:29 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 05/15/25 14:57 | 05/16/25 16:29 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *148* | *S1+* | *62 - 134* | *05/15/25 14:57* | *05/16/25 16:29* | *1* |

**Lab Sample ID: LCS 885-26259/2-A**
**Matrix: Solid**
**Analysis Batch: 26313**
**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 26259**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 50.0 | 59.6 | | mg/Kg | | 119 | 51 - 148 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *131* | | *62 - 134* |

**Lab Sample ID: 885-24881-1 MS**
**Matrix: Solid**
**Analysis Batch: 26313**
**Client Sample ID: BH01**
**Prep Type: Total/NA**
**Prep Batch: 26259**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 45.9 | 41.2 | | mg/Kg | | 90 | 44 - 136 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *105* | | *62 - 134* |

**Lab Sample ID: 885-24881-1 MSD**
**Matrix: Solid**
**Analysis Batch: 26313**
**Client Sample ID: BH01**
**Prep Type: Total/NA**
**Prep Batch: 26259**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 48.2 | 44.6 | | mg/Kg | | 93 | 44 - 136 | 8 | 32 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *107* | | *62 - 134* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 885-26200/1-A**
**Matrix: Solid**
**Analysis Batch: 26207**
**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 26200**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 1.5 | | mg/Kg | | 05/15/25 07:58 | 05/15/25 09:13 | 1 |

# QC Sample Results

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCS 885-26200/2-A**
**Matrix: Solid**
**Analysis Batch: 26207**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 26200**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 15.0 | 14.2 | | mg/Kg | | 95 | 90 - 110 | | |

**Lab Sample ID: MB 885-26230/1-A**
**Matrix: Solid**
**Analysis Batch: 26207**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 26230**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 1.5 | | mg/Kg | | 05/15/25 10:51 | 05/15/25 12:10 | 1 |

**Lab Sample ID: LLCS 885-26230/2-A**
**Matrix: Solid**
**Analysis Batch: 26207**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 26230**

| Analyte | | | Spike Added | LLCS Result | LLCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 1.50 | 1.51 | | mg/Kg | | 101 | 50 - 150 | | |

# QC Association Summary

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## GC VOA

### Prep Batch: 26157

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24881-1 | BH01 | Total/NA | Solid | 5030C | |
| 885-24881-2 | BH02 | Total/NA | Solid | 5030C | |
| 885-24881-3 | BH03 | Total/NA | Solid | 5030C | |
| 885-24881-4 | BH04 | Total/NA | Solid | 5030C | |
| 885-24881-5 | BH-N 2' | Total/NA | Solid | 5030C | |
| 885-24881-6 | BH-N 4' | Total/NA | Solid | 5030C | |
| 885-24881-7 | BH-E 2' | Total/NA | Solid | 5030C | |
| 885-24881-8 | BH-E 4' | Total/NA | Solid | 5030C | |
| 885-24881-9 | BH-S 2' | Total/NA | Solid | 5030C | |
| 885-24881-10 | BH-S 4' | Total/NA | Solid | 5030C | |
| 885-24881-11 | BH-W 2' | Total/NA | Solid | 5030C | |
| 885-24881-12 | BH-W 4' | Total/NA | Solid | 5030C | |
| MB 885-26157/1-A | Method Blank | Total/NA | Solid | 5030C | |
| LCS 885-26157/2-A | Lab Control Sample | Total/NA | Solid | 5030C | |
| LCS 885-26157/3-A | Lab Control Sample | Total/NA | Solid | 5030C | |

### Analysis Batch: 26318

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24881-1 | BH01 | Total/NA | Solid | 8015D | 26157 |
| 885-24881-2 | BH02 | Total/NA | Solid | 8015D | 26157 |
| 885-24881-3 | BH03 | Total/NA | Solid | 8015D | 26157 |
| 885-24881-4 | BH04 | Total/NA | Solid | 8015D | 26157 |
| 885-24881-5 | BH-N 2' | Total/NA | Solid | 8015D | 26157 |
| 885-24881-6 | BH-N 4' | Total/NA | Solid | 8015D | 26157 |
| 885-24881-7 | BH-E 2' | Total/NA | Solid | 8015D | 26157 |
| 885-24881-8 | BH-E 4' | Total/NA | Solid | 8015D | 26157 |
| 885-24881-9 | BH-S 2' | Total/NA | Solid | 8015D | 26157 |
| 885-24881-10 | BH-S 4' | Total/NA | Solid | 8015D | 26157 |
| 885-24881-11 | BH-W 2' | Total/NA | Solid | 8015D | 26157 |
| 885-24881-12 | BH-W 4' | Total/NA | Solid | 8015D | 26157 |
| MB 885-26157/1-A | Method Blank | Total/NA | Solid | 8015D | 26157 |
| LCS 885-26157/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 26157 |

### Analysis Batch: 26319

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24881-1 | BH01 | Total/NA | Solid | 8021B | 26157 |
| 885-24881-2 | BH02 | Total/NA | Solid | 8021B | 26157 |
| 885-24881-3 | BH03 | Total/NA | Solid | 8021B | 26157 |
| 885-24881-4 | BH04 | Total/NA | Solid | 8021B | 26157 |
| 885-24881-5 | BH-N 2' | Total/NA | Solid | 8021B | 26157 |
| 885-24881-6 | BH-N 4' | Total/NA | Solid | 8021B | 26157 |
| 885-24881-7 | BH-E 2' | Total/NA | Solid | 8021B | 26157 |
| 885-24881-8 | BH-E 4' | Total/NA | Solid | 8021B | 26157 |
| 885-24881-9 | BH-S 2' | Total/NA | Solid | 8021B | 26157 |
| 885-24881-10 | BH-S 4' | Total/NA | Solid | 8021B | 26157 |
| 885-24881-11 | BH-W 2' | Total/NA | Solid | 8021B | 26157 |
| 885-24881-12 | BH-W 4' | Total/NA | Solid | 8021B | 26157 |
| MB 885-26157/1-A | Method Blank | Total/NA | Solid | 8021B | 26157 |
| LCS 885-26157/3-A | Lab Control Sample | Total/NA | Solid | 8021B | 26157 |

# QC Association Summary

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## GC Semi VOA

### Prep Batch: 26259

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24881-1 | BH01 | Total/NA | Solid | SHAKE | |
| 885-24881-2 | BH02 | Total/NA | Solid | SHAKE | |
| 885-24881-3 | BH03 | Total/NA | Solid | SHAKE | |
| 885-24881-4 | BH04 | Total/NA | Solid | SHAKE | |
| 885-24881-5 | BH-N 2' | Total/NA | Solid | SHAKE | |
| 885-24881-6 | BH-N 4' | Total/NA | Solid | SHAKE | |
| 885-24881-7 | BH-E 2' | Total/NA | Solid | SHAKE | |
| 885-24881-8 | BH-E 4' | Total/NA | Solid | SHAKE | |
| 885-24881-9 | BH-S 2' | Total/NA | Solid | SHAKE | |
| 885-24881-10 | BH-S 4' | Total/NA | Solid | SHAKE | |
| 885-24881-11 | BH-W 2' | Total/NA | Solid | SHAKE | |
| 885-24881-12 | BH-W 4' | Total/NA | Solid | SHAKE | |
| MB 885-26259/1-A | Method Blank | Total/NA | Solid | SHAKE | |
| LCS 885-26259/2-A | Lab Control Sample | Total/NA | Solid | SHAKE | |
| 885-24881-1 MS | BH01 | Total/NA | Solid | SHAKE | |
| 885-24881-1 MSD | BH01 | Total/NA | Solid | SHAKE | |

### Analysis Batch: 26313

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24881-1 | BH01 | Total/NA | Solid | 8015D | 26259 |
| 885-24881-2 | BH02 | Total/NA | Solid | 8015D | 26259 |
| 885-24881-3 | BH03 | Total/NA | Solid | 8015D | 26259 |
| 885-24881-4 | BH04 | Total/NA | Solid | 8015D | 26259 |
| 885-24881-5 | BH-N 2' | Total/NA | Solid | 8015D | 26259 |
| 885-24881-6 | BH-N 4' | Total/NA | Solid | 8015D | 26259 |
| 885-24881-7 | BH-E 2' | Total/NA | Solid | 8015D | 26259 |
| 885-24881-8 | BH-E 4' | Total/NA | Solid | 8015D | 26259 |
| 885-24881-9 | BH-S 2' | Total/NA | Solid | 8015D | 26259 |
| 885-24881-10 | BH-S 4' | Total/NA | Solid | 8015D | 26259 |
| 885-24881-11 | BH-W 2' | Total/NA | Solid | 8015D | 26259 |
| 885-24881-12 | BH-W 4' | Total/NA | Solid | 8015D | 26259 |
| MB 885-26259/1-A | Method Blank | Total/NA | Solid | 8015D | 26259 |
| LCS 885-26259/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 26259 |
| 885-24881-1 MS | BH01 | Total/NA | Solid | 8015D | 26259 |
| 885-24881-1 MSD | BH01 | Total/NA | Solid | 8015D | 26259 |

## HPLC/IC

### Prep Batch: 26200

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24881-1 | BH01 | Total/NA | Solid | 300_Prep | |
| 885-24881-2 | BH02 | Total/NA | Solid | 300_Prep | |
| 885-24881-3 | BH03 | Total/NA | Solid | 300_Prep | |
| 885-24881-4 | BH04 | Total/NA | Solid | 300_Prep | |
| 885-24881-5 | BH-N 2' | Total/NA | Solid | 300_Prep | |
| 885-24881-6 | BH-N 4' | Total/NA | Solid | 300_Prep | |
| 885-24881-7 | BH-E 2' | Total/NA | Solid | 300_Prep | |
| 885-24881-8 | BH-E 4' | Total/NA | Solid | 300_Prep | |
| 885-24881-9 | BH-S 2' | Total/NA | Solid | 300_Prep | |
| 885-24881-10 | BH-S 4' | Total/NA | Solid | 300_Prep | |
| MB 885-26200/1-A | Method Blank | Total/NA | Solid | 300_Prep | |

# QC Association Summary

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## HPLC/IC (Continued)

### Prep Batch: 26200 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 885-26200/2-A | Lab Control Sample | Total/NA | Solid | 300_Prep | |

### Analysis Batch: 26207

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24881-1 | BH01 | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-2 | BH02 | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-3 | BH03 | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-4 | BH04 | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-5 | BH-N 2' | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-6 | BH-N 4' | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-7 | BH-E 2' | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-8 | BH-E 4' | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-9 | BH-S 2' | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-10 | BH-S 4' | Total/NA | Solid | 300.0 | 26200 |
| 885-24881-11 | BH-W 2' | Total/NA | Solid | 300.0 | 26230 |
| 885-24881-12 | BH-W 4' | Total/NA | Solid | 300.0 | 26230 |
| MB 885-26200/1-A | Method Blank | Total/NA | Solid | 300.0 | 26200 |
| MB 885-26230/1-A | Method Blank | Total/NA | Solid | 300.0 | 26230 |
| LCS 885-26200/2-A | Lab Control Sample | Total/NA | Solid | 300.0 | 26200 |
| LLCS 885-26230/2-A | Lab Control Sample | Total/NA | Solid | 300.0 | 26230 |

### Prep Batch: 26230

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-24881-11 | BH-W 2' | Total/NA | Solid | 300_Prep | |
| 885-24881-12 | BH-W 4' | Total/NA | Solid | 300_Prep | |
| MB 885-26230/1-A | Method Blank | Total/NA | Solid | 300_Prep | |
| LLCS 885-26230/2-A | Lab Control Sample | Total/NA | Solid | 300_Prep | |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH01
**Lab Sample ID: 885-24881-1**
**Date Collected: 05/13/25 12:55**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 01:14 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 01:14 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 17:16 |
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 13:19 |

## Client Sample ID: BH02
**Lab Sample ID: 885-24881-2**
**Date Collected: 05/13/25 12:40**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 01:36 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 01:36 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 18:27 |
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 15:27 |

## Client Sample ID: BH03
**Lab Sample ID: 885-24881-3**
**Date Collected: 05/13/25 12:20**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 01:58 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 01:58 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 19:15 |
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 13:45 |

## Client Sample ID: BH04
**Lab Sample ID: 885-24881-4**
**Date Collected: 05/13/25 12:00**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 02:20 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH04
**Lab Sample ID: 885-24881-4**
**Date Collected: 05/13/25 12:00**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 02:20 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 19:39 |
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 13:55 |

## Client Sample ID: BH-N 2'
**Lab Sample ID: 885-24881-5**
**Date Collected: 05/13/25 13:20**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 02:41 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 02:41 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 20:03 |
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 14:05 |

## Client Sample ID: BH-N 4'
**Lab Sample ID: 885-24881-6**
**Date Collected: 05/13/25 13:25**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 03:25 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 03:25 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 20:26 |
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 14:18 |

## Client Sample ID: BH-E 2'
**Lab Sample ID: 885-24881-7**
**Date Collected: 05/13/25 13:50**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 03:47 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 03:47 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH-E 2'
**Lab Sample ID: 885-24881-7**
**Date Collected: 05/13/25 13:50**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 20:50 |
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 14:28 |

## Client Sample ID: BH-E 4'
**Lab Sample ID: 885-24881-8**
**Date Collected: 05/13/25 13:55**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 04:09 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 04:09 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 22:01 |
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 14:38 |

## Client Sample ID: BH-S 2'
**Lab Sample ID: 885-24881-9**
**Date Collected: 05/13/25 11:35**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 04:31 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 04:31 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 22:25 |
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 14:48 |

## Client Sample ID: BH-S 4'
**Lab Sample ID: 885-24881-10**
**Date Collected: 05/13/25 11:40**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 04:53 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 04:53 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 22:49 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## Client Sample ID: BH-S 4'
**Lab Sample ID: 885-24881-10**
**Date Collected: 05/13/25 11:40**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 300_Prep | | | 26200 | DL | EET ALB | 05/15/25 07:58 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 15:17 |

## Client Sample ID: BH-W 2'
**Lab Sample ID: 885-24881-11**
**Date Collected: 05/13/25 11:15**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 05:15 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 05:15 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/16/25 23:37 |
| Total/NA | Prep | 300_Prep | | | 26230 | DL | EET ALB | 05/15/25 10:51 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 15:47 |

## Client Sample ID: BH-W 4'
**Lab Sample ID: 885-24881-12**
**Date Collected: 05/13/25 11:20**
**Matrix: Solid**
**Date Received: 05/14/25 07:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8015D | | 1 | 26318 | AT | EET ALB | 05/16/25 05:37 |
| Total/NA | Prep | 5030C | | | 26157 | AT | EET ALB | 05/14/25 12:39 |
| Total/NA | Analysis | 8021B | | 1 | 26319 | AT | EET ALB | 05/16/25 05:37 |
| Total/NA | Prep | SHAKE | | | 26259 | MI | EET ALB | 05/15/25 14:57 |
| Total/NA | Analysis | 8015D | | 1 | 26313 | EM | EET ALB | 05/17/25 00:00 |
| Total/NA | Prep | 300_Prep | | | 26230 | DL | EET ALB | 05/15/25 10:51 |
| Total/NA | Analysis | 300.0 | | 20 | 26207 | DL | EET ALB | 05/15/25 15:37 |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Enduring Resources Job ID: 885-24881-1
Project/Site: W Lybrook 2309 24N SWD 001 Closure

## 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 |

Released to Imaging: 6/17/2026 3:35:10 PM
Received by OCD: 6/12/2026 11:37:42 AM

# Chain-of-Custody Record

Client: Enduring Resources

Attn: Bill Lowman

Mailing Address:

Phone #:

email or Fax#: blowman@enduringresources.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

5 DAY TAT

☒ Standard ☐ Rush

Project Name:

W Lybrook 2309 24N 3WD 001 Closure

Project #:

Project Manager:

Danny Burns

Sampler: Aaron Lamemen

On Ice: ☐ Yes ☐ No

# of Coolers: 1 (VOA)

Cooler Temp(including CF): 0.1+0.2=0.3 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORA

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

885-24881 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/13/25 | 1255 | Soil | BH01 | 4oz Jar | Cool | | X | X | | | | | X | | | |
| | 1240 | | BH02 | | | | X | X | | | | | X | | | |
| | 1220 | | BH03 | | | | X | X | | | | | X | | | |
| | 1200 | | BH04 | | | | X | X | | | | | X | | | |
| | 1320 | | BH-N 2' | | | | X | X | | | | | X | | | |
| | 1325 | | BH-N-4' | | | | X | X | | | | | X | | | |
| | 1350 | | BH-E 2' | | | | X | X | | | | | X | | | |
| | 1355 | | BH-E 4' | | | | X | X | | | | | X | | | |
| | 1135 | | BH-S-2' | | | | X | X | | | | | X | | | |
| | 1140 | | BH-S 4' | | | | X | X | | | | | X | | | |
| | 1115 | | BH-W 2' | | | | X | X | | | | | X | | | |
| | 1120 | | BH-W 4' | | | | X | X | | | | | X | | | |

| Date: | Time: | Relinquished by. | Received by. | Via | Date | Time |
|---|---|---|---|---|---|---|
| 5/13/25 | 1600 | | | | 5/13/25 | 1600 |
| Date | Time. | Relinquished by | Received by. | Via | Date | Time |
| 5/13/25 | 1800 | | Courier | | 5/14/25 | 7:10 |

Remarks:

CC: dburns@ensolum.com
skahn

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: 885-24881-1

**Login Number: 24881** **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 | |

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Danny Montoya
Enduring Resources
200 Energy Court
Farmington, New Mexico 87401

Generated 6/5/2025 2:33:31 PM

## JOB DESCRIPTION

WLU 2309 SWD Soil Sampling

## JOB NUMBER

885-25750-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.



Released to Imaging: 6/17/2026 3:35:10 PM

# 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



Generated
6/5/2025 2:33:31 PM

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

Client: Enduring Resources
Project/Site: WLU 2309 SWD Soil Sampling

Laboratory Job ID: 885-25750-1

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# Definitions/Glossary

Client: Enduring Resources Job ID: 885-25750-1
Project/Site: WLU 2309 SWD Soil 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: WLU 2309 SWD Soil Sampling

Job ID: 885-25750-1

## Job ID: 885-25750-1 Eurofins Albuquerque

**Job Narrative**
**885-25750-1**

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 5/30/2025 6:30 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 2.9°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**
Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-27346 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:FS04R (885-25750-1). Re-running any samples with hits.

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-27427 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:FS06R (885-25750-2) and (CCV 885-27427/5).

Method 8015D_DRO: Surrogate recovery for the following sample is outside the upper control limit: (CCV 885-27427/39). However, this high bias was not found in any associated samples; therefore, data has been reported.

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: WLU 2309 SWD Soil Sampling

Job ID: 885-25750-1

**Client Sample ID: FS04R**
**Date Collected: 05/29/25 11:20**
**Date Received: 05/30/25 06:30**

**Lab Sample ID: 885-25750-1**
**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 | | 4.9 | | mg/Kg | | 05/30/25 09:27 | 06/05/25 02:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *15 - 150* | *05/30/25 09:27* | *06/05/25 02:43* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 05/30/25 09:27 | 06/05/25 02:43 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 05/30/25 09:27 | 06/05/25 02:43 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 05/30/25 09:27 | 06/05/25 02:43 | 1 |
| Xylenes, Total | ND | | 0.098 | | mg/Kg | | 05/30/25 09:27 | 06/05/25 02:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *15 - 150* | *05/30/25 09:27* | *06/05/25 02:43* | *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 | | 9.2 | | mg/Kg | | 06/02/25 11:39 | 06/02/25 17:54 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 46 | | mg/Kg | | 06/02/25 11:39 | 06/02/25 17:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *96* | | *62 - 134* | *06/02/25 11:39* | *06/02/25 17:54* | *1* |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **400** | | 59 | | mg/Kg | | 06/01/25 12:21 | 06/01/25 17:37 | 20 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 2309 SWD Soil Sampling

Job ID: 885-25750-1

## Client Sample ID: FS06R

**Date Collected: 05/29/25 11:40**
**Date Received: 05/30/25 06:30**

## Lab Sample ID: 885-25750-2

**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 | | 05/30/25 09:27 | 06/05/25 03:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *15 - 150* | *05/30/25 09:27* | *06/05/25 03:05* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/30/25 09:27 | 06/05/25 03:05 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 05/30/25 09:27 | 06/05/25 03:05 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 05/30/25 09:27 | 06/05/25 03:05 | 1 |
| Xylenes, Total | ND | | 0.098 | | mg/Kg | | 05/30/25 09:27 | 06/05/25 03:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *15 - 150* | *05/30/25 09:27* | *06/05/25 03:05* | *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 | | 9.2 | | mg/Kg | | 06/02/25 11:39 | 06/03/25 10:12 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 46 | | mg/Kg | | 06/02/25 11:39 | 06/03/25 10:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *102* | | *62 - 134* | *06/02/25 11:39* | *06/03/25 10:12* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **190** | | 60 | | mg/Kg | | 06/01/25 12:21 | 06/01/25 17:50 | 20 |

# QC Sample Results

Client: Enduring Resources
Project/Site: WLU 2309 SWD Soil Sampling

Job ID: 885-25750-1

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

**Lab Sample ID: MB 885-27234/1-A**
**Matrix: Solid**
**Analysis Batch: 27645**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 27234**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 05/30/25 09:26 | 06/04/25 20:53 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *15 - 150* | *05/30/25 09:26* | *06/04/25 20:53* | *1* |

**Lab Sample ID: LCS 885-27234/2-A**
**Matrix: Solid**
**Analysis Batch: 27645**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 27234**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | | | 25.0 | 28.2 | | mg/Kg | | 113 | 70 - 130 | | |

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

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

**Lab Sample ID: MB 885-27234/1-A**
**Matrix: Solid**
**Analysis Batch: 27646**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 27234**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 05/30/25 09:26 | 06/04/25 20:53 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 05/30/25 09:26 | 06/04/25 20:53 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 05/30/25 09:26 | 06/04/25 20:53 | 1 |
| Xylenes, Total | ND | | 0.10 | | mg/Kg | | 05/30/25 09:26 | 06/04/25 20:53 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *15 - 150* | *05/30/25 09:26* | *06/04/25 20:53* | *1* |

**Lab Sample ID: LCS 885-27234/3-A**
**Matrix: Solid**
**Analysis Batch: 27646**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 27234**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 1.00 | 0.975 | | mg/Kg | | 98 | 70 - 130 | | |
| Ethylbenzene | | | 1.00 | 0.988 | | mg/Kg | | 99 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 2.00 | 1.98 | | mg/Kg | | 99 | 70 - 130 | | |
| o-Xylene | | | 1.00 | 1.00 | | mg/Kg | | 100 | 70 - 130 | | |
| Toluene | | | 1.00 | 0.952 | | mg/Kg | | 95 | 70 - 130 | | |
| Xylenes, Total | | | 3.00 | 2.98 | | mg/Kg | | 99 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *15 - 150* |

# QC Sample Results

Client: Enduring Resources
Project/Site: WLU 2309 SWD Soil Sampling

Job ID: 885-25750-1

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

**Lab Sample ID: MB 885-27365/1-A**
**Matrix: Solid**
**Analysis Batch: 27346**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 27365**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 10 | | mg/Kg | | 06/02/25 11:39 | 06/02/25 14:28 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 06/02/25 11:39 | 06/02/25 14:28 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *111* | | *62 - 134* | *06/02/25 11:39* | *06/02/25 14:28* | *1* |

**Lab Sample ID: LCS 885-27365/2-A**
**Matrix: Solid**
**Analysis Batch: 27346**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 27365**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 50.0 | 49.0 | | mg/Kg | | 98 | 51 - 148 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *117* | | *62 - 134* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 885-27321/1-A**
**Matrix: Solid**
**Analysis Batch: 27322**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 27321**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 3.0 | | mg/Kg | | 06/01/25 12:21 | 06/01/25 13:34 | 1 |

**Lab Sample ID: LCS 885-27321/2-A**
**Matrix: Solid**
**Analysis Batch: 27322**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 27321**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 30.0 | 31.9 | | mg/Kg | | 106 | 90 - 110 | | |

# QC Association Summary

Client: Enduring Resources
Job ID: 885-25750-1
Project/Site: WLU 2309 SWD Soil Sampling

## GC VOA

### Prep Batch: 27234

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-25750-1 | FS04R | Total/NA | Solid | 5030C | |
| 885-25750-2 | FS06R | Total/NA | Solid | 5030C | |
| MB 885-27234/1-A | Method Blank | Total/NA | Solid | 5030C | |
| LCS 885-27234/2-A | Lab Control Sample | Total/NA | Solid | 5030C | |
| LCS 885-27234/3-A | Lab Control Sample | Total/NA | Solid | 5030C | |

### Analysis Batch: 27645

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-25750-1 | FS04R | Total/NA | Solid | 8015D | 27234 |
| 885-25750-2 | FS06R | Total/NA | Solid | 8015D | 27234 |
| MB 885-27234/1-A | Method Blank | Total/NA | Solid | 8015D | 27234 |
| LCS 885-27234/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 27234 |

### Analysis Batch: 27646

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-25750-1 | FS04R | Total/NA | Solid | 8021B | 27234 |
| 885-25750-2 | FS06R | Total/NA | Solid | 8021B | 27234 |
| MB 885-27234/1-A | Method Blank | Total/NA | Solid | 8021B | 27234 |
| LCS 885-27234/3-A | Lab Control Sample | Total/NA | Solid | 8021B | 27234 |

## GC Semi VOA

### Analysis Batch: 27346

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-25750-1 | FS04R | Total/NA | Solid | 8015D | 27365 |
| MB 885-27365/1-A | Method Blank | Total/NA | Solid | 8015D | 27365 |
| LCS 885-27365/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 27365 |

### Prep Batch: 27365

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-25750-1 | FS04R | Total/NA | Solid | SHAKE | |
| 885-25750-2 | FS06R | Total/NA | Solid | SHAKE | |
| MB 885-27365/1-A | Method Blank | Total/NA | Solid | SHAKE | |
| LCS 885-27365/2-A | Lab Control Sample | Total/NA | Solid | SHAKE | |

### Analysis Batch: 27427

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-25750-2 | FS06R | Total/NA | Solid | 8015D | 27365 |

## HPLC/IC

### Prep Batch: 27321

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-25750-1 | FS04R | Total/NA | Solid | 300_Prep | |
| 885-25750-2 | FS06R | Total/NA | Solid | 300_Prep | |
| MB 885-27321/1-A | Method Blank | Total/NA | Solid | 300_Prep | |
| LCS 885-27321/2-A | Lab Control Sample | Total/NA | Solid | 300_Prep | |

### Analysis Batch: 27322

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-25750-1 | FS04R | Total/NA | Solid | 300.0 | 27321 |
| 885-25750-2 | FS06R | Total/NA | Solid | 300.0 | 27321 |

# QC Association Summary

Client: Enduring Resources
Job ID: 885-25750-1
Project/Site: WLU 2309 SWD Soil Sampling

## HPLC/IC (Continued)

### Analysis Batch: 27322 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 885-27321/1-A | Method Blank | Total/NA | Solid | 300.0 | 27321 |
| LCS 885-27321/2-A | Lab Control Sample | Total/NA | Solid | 300.0 | 27321 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-25750-1
Project/Site: WLU 2309 SWD Soil Sampling

## Client Sample ID: FS04R
**Lab Sample ID: 885-25750-1**
**Date Collected: 05/29/25 11:20**
**Matrix: Solid**
**Date Received: 05/30/25 06:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 27234 | JE | EET ALB | 05/30/25 09:27 |
| Total/NA | Analysis | 8015D | | 1 | 27645 | AT | EET ALB | 06/05/25 02:43 |
| Total/NA | Prep | 5030C | | | 27234 | JE | EET ALB | 05/30/25 09:27 |
| Total/NA | Analysis | 8021B | | 1 | 27646 | AT | EET ALB | 06/05/25 02:43 |
| Total/NA | Prep | SHAKE | | | 27365 | MI | EET ALB | 06/02/25 11:39 |
| Total/NA | Analysis | 8015D | | 1 | 27346 | EM | EET ALB | 06/02/25 17:54 |
| Total/NA | Prep | 300_Prep | | | 27321 | JT | EET ALB | 06/01/25 12:21 |
| Total/NA | Analysis | 300.0 | | 20 | 27322 | JT | EET ALB | 06/01/25 17:37 |

## Client Sample ID: FS06R
**Lab Sample ID: 885-25750-2**
**Date Collected: 05/29/25 11:40**
**Matrix: Solid**
**Date Received: 05/30/25 06:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 27234 | JE | EET ALB | 05/30/25 09:27 |
| Total/NA | Analysis | 8015D | | 1 | 27645 | AT | EET ALB | 06/05/25 03:05 |
| Total/NA | Prep | 5030C | | | 27234 | JE | EET ALB | 05/30/25 09:27 |
| Total/NA | Analysis | 8021B | | 1 | 27646 | AT | EET ALB | 06/05/25 03:05 |
| Total/NA | Prep | SHAKE | | | 27365 | MI | EET ALB | 06/02/25 11:39 |
| Total/NA | Analysis | 8015D | | 1 | 27427 | EM | EET ALB | 06/03/25 10:12 |
| Total/NA | Prep | 300_Prep | | | 27321 | JT | EET ALB | 06/01/25 12:21 |
| Total/NA | Analysis | 300.0 | | 20 | 27322 | JT | EET ALB | 06/01/25 17:50 |

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

# Accreditation/Certification Summary

Client: Enduring Resources
Job ID: 885-25750-1
Project/Site: WLU 2309 SWD Soil 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 |

Released to Imaging: 6/17/2026 3:35:10 PM
Received by OCD: 6/12/2026 11:37:42 AM

# Chain-of-Custody Record

Client: Enduring Resources
Attn: Bill Lawman
Mailing Address:
Phone #:
email or Fax#: blawman@enduringresources.com
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush 5 Day TAT
Project Name: WLH 2309 SWD Soil Sampling
Project #:
Project Manager: Danny Burns
Sampler: Aaron Lawman
On Ice: ☒ Yes ☐ No chucks
# of Coolers: 1
Cooler Temp(including CF): 2.7 +0.2 = 2.9 (°C)

HALL ENVIRONMEI
ANALYSIS LABORA
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-25750 COC

Analysis Request

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/29 | 1120 | SOIL | FS04R | 4oz Jar | Cool | | X | X | | | | | X | | | |
| 5/29 | 1140 | SOIL | FS06R | 4oz Jar | ↓ | | X | X | | | | | X | | | |

| Date | Time | Relinquished by: | Received by: | Via: | Date | Time |
|---|---|---|---|---|---|---|
| 5/29/25 | 1420 | Aaron Lawman | Chad Ward | | 5/29/25 | 1420 |
| 5/29/25 | 1800 | Christen Wade | | courier | 5/30/25 | 6:30 |

Remarks:
DBurns@ensolum.com
CC: SKahn

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: 885-25750-1

**Login Number: 25750** **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 | |

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# ATTACHMENT 2

# Deferral Request Supplemental
# September 24, 2025

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September 24, 2025

Shelly Wells, Environmental Specialist - A
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Deferral Request Supplemental**
**W Lybrook 2309-24N SWD-001**
**API Number 30-045-38292**
**Incident Number nAPP2505939388**
**Application ID: 495215**
**San Juan County, New Mexico**

Dear Ms. Wells:

Ensolum, LLC (Ensolum), on behalf of Enduring Resources, LLC (Enduring), has prepared this ***Deferral Request Supplemental*** to provide additional data in support of a prior submitted Deferral Request, dated July 29, 2025. The Deferral Request (application ID: 495215) was rejected via email on August 28, 2025, based on five items. These items are listed below in italics with a response following. In general, the deferral request denial was based on a need for additional data which was collected by conducting a data collection event on September 10, 2025. During this field event, eleven additional samples were collected per NMOCD request as discussed below.

1) *Remediation on an active site can be deferred in areas immediately under or around production equipment such as production tanks, wellheads, and pipelines where remediation could cause a major facility deconstruction so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water. The deferral request must specify which sample points are being requested for deferral including an explanation why the contaminants can't be removed. Horizontal delineation has not been achieved. Surface samples should be collected at the locations of BH-W, BH-S and BH-E to complete this in order to clearly demarcate the boundaries of the requested deferral area.*

The area of the Site that is being requested for deferral is limited to an area approximately 5 feet by 10 feet surrounding sample location SW03, as shown on the attached Figure 2. The area is clearly denoted by the bright yellow demarcation line color. This limited area is unable to be further excavated due to the presence of existing infrastructure and safety requirements that restrict subsurface excavation that would compromise structural integrity of the active production equipment. A vertical separator is located directly south of the deferral area, with the tank containment directly west. Active underground piping connecting production equipment in the tank containment to the two pumphouse sheds to the northeast and southeast prohibit further excavation east. Electrical infrastructure is also located to the southeast that prohibits access to the area.

As requested by NMOCD, surface samples were collected at prior locations BH-W, BH-S, and BH-E, and added to the laboratory analytical data presented on the attached Table 1. The additional delineation samples are in compliance with NMOCD reclamation requirements and NMOCD regulatory requirements. The laboratory analytical report is included as Attachment 1.

2) *According to the scaled site map provided in Figure 2, the surface area excavated was 2,650 ft2. An insufficient number of bottom confirmation samples were collected based on this. 2,650/200=13.25 (round up to 14) bottom confirmation samples should have been collected from the base of the excavation area.*

In order to satisfy NMOCD requirements, an additional four samples were collected at the base of the excavation, floor samples FS12, FS13, FS14, and FS15 were collected on September 10, 2025. These samples are shown on the attached Figure 2 and tabulated on the attached Table 1. Confirmation floor samples are in compliance with NMOCD reclamation requirements and NMOCD regulatory requirements. The laboratory analytical report is included as Attachment 1.

3) *Due to the shallow depths of FS01, FS02, FS03 and the lack of delineation samples collected prior to excavation in the pasture, collect five-point composite surface samples representing no more than 200 ft2 from the pasture just north of the excavation area to confirm there are no remaining impacts beyond the excavation extent.*

As requested, four five-point composite surface samples (SS01, SS02, SS03, SS04) were collected and analyzed as shown on the attached Figure 2 and Table 1. Surface samples are in compliance with NMOCD reclamation requirements and NMOCD regulatory requirements, indicating no impacts extending beyond the excavation extent to the north. The laboratory analytical report is included as Attachment 1.

4) *On pg. 3 of the report, there are two contradicting paragraphs regarding the size of the excavation area and the amount of soil that was disposed of. Update report to reflect the correct size of the excavation and amount of soil disposed of.*

The excavation area measured approximately 2,621 square feet. A total of 442 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Envirotech, Inc. Landfarm in Farmington, New Mexico.

5) *According to the National Wetlands Inventory Mapper, there is a wetland riverine located between 1000 ft-1/2 mile north of release. Under the Site Characterization portion of the C-141 application, update the minimum distance to a wetland during application resubmission to reflect the correct distance.*

The C-141 will be updated to include the wetland riverine.

## DEFERRAL REQUEST

Enduring is respectfully requesting deferral of final remediation of soil represented by sample SW03 due to the presence of active production equipment and infrastructure preventing full excavation of impacted soil at the edge of the containment. Work described in this supplemental report indicate successful delineation of impact and documentation/demarcation of the deferral area.

Current Site conditions consist of residual impact resulting from the produced water release and are currently expressed as elevated chloride concentrations in soil near SW03. Source removal work conducted in March and May 2025 removed the bulk of the source material and all elevated hydrocarbon impacted soil. This work mitigated the majority of the impact resulting from the release. Remaining areas of non-compliance at the Site are limited to inorganic chloride concentrations in soil that exceed the reclamation standard of 600 mg/kg. Enduring safety policy restricts soil disturbing activities within a 2-foot radius of any on-site, active production equipment. The deferral area is shown on Figure 2 and vertically defined to within the top 4 feet of surface cover. The deferral area is limited to locations directly

surrounding sidewall location SW03. Based on the data collected a deferred volume is estimated at approximately 5 to 10 yards of impacted soil total around SW03. The impacted area is limited to the upper 4 feet of surface cover, in an area approximately 10 feet wide by 5 feet long.

Ensolum and Enduring do not believe deferment will result in imminent risk to human health, the environment, or groundwater. Remediation and compliance with applicable standards will be achieved through natural attenuation now enhanced with the mass source removed, and/or via other means implemented at the time of site decommissioning, plug and abandonment and final reclamation. Based on the limited evidence of impacted soil, presence of active production equipment and subsurface pipelines, and the complete lateral and vertical definition of impacted soil remaining in place, Enduring requests deferral of final remediation for Facility Number nAPP2505939388 until final reclamation of the well pad or major construction, whichever comes first. We have included the original deferral application in this correspondence as Attachment 2.

If you have any questions or comments, please contact Mr. Steve Kahn at (303) 913-1350 (skahn@ensolum.com) or Mr. Danny Burns at (303) 601-1420 (dburns@ensolum.com).

Sincerely,
**Ensolum, LLC**

Danny Burns
Senior Geologist

Steve Kahn, PE
Senior Managing Engineer

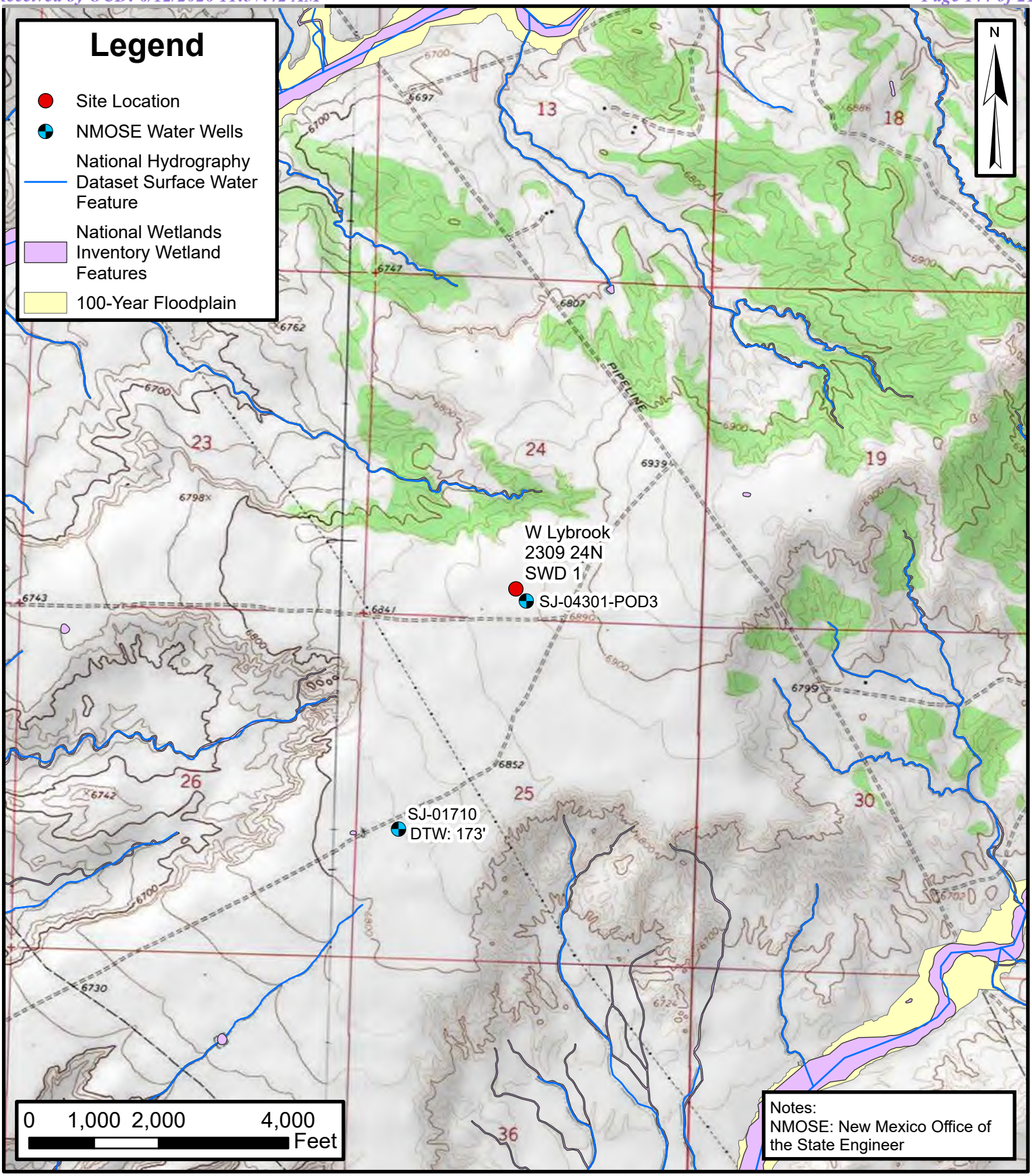
cc: Bureau of Land Management

Attachments:

| | |
|---|---|
| Figure 1 | Site Receptor Map |
| Figure 2 | Soil Sample Locations |
| Table 1 | Soil Sample Analytical Results |
| Attachment 1 | Laboratory Analytical Report |
| Attachment 2 | Original Deferral Application ID: 495215 |

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# FIGURES




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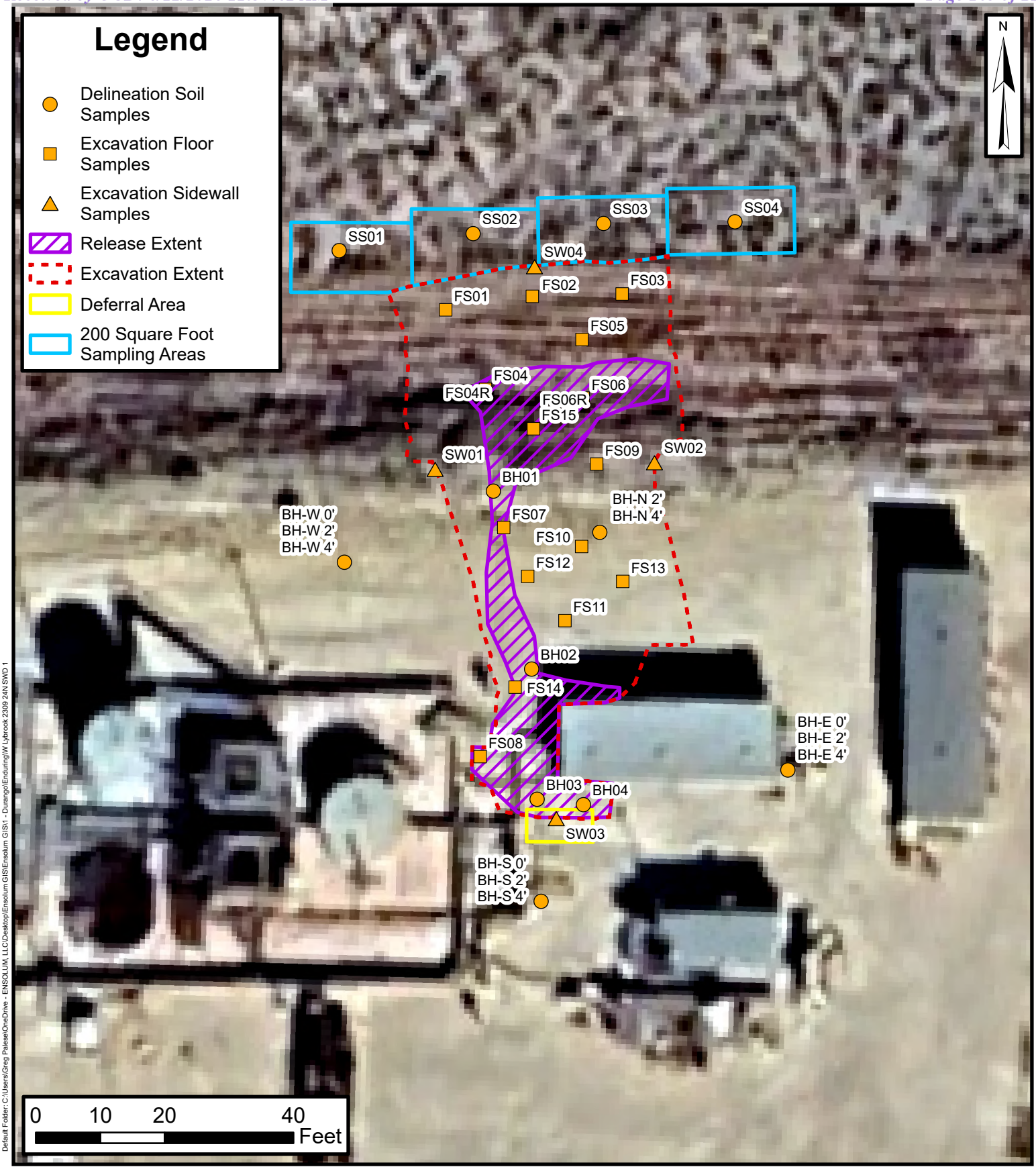
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Environmental, Engineering and Hydrogeologic Consultants

# Site Receptor Map

W Lybrook 2309 24N SWD 1
Enduring Resources, LLC
36.206466, -107.741451
San Juan County, New Mexico

FIGURE
1


Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri Community Maps Contributors, Maxar, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, USGS, Esri, NASA, NGA, USGS, FEMA, Esri, NASA, NGA, USGS, FEMA, Esri, NASA, NGA, USGS, FEMA




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# Soil Sample Locations & Deferral Area

W Lybrook 2309 24N SWD 1
Enduring Resources, LLC
36.206466, -107.741451
San Juan County, New Mexico

**FIGURE**
**2**

Sources: Google Earth (2023)

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# TABLE

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# TABLE 1
## SOIL SAMPLE ANALYTICAL RESULTS
### W Lybrook 2309-24N SWD-001
### Enduring Resources, LLC
### San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | 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) | TPH DRO+GRO (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** |
| **NMOCD Reclamation Requirement for the Top Four Feet** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | **100** | **600** |
| **Excavation Floor Samples** | | | | | | | | | | | | | |
| FS01 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |
| FS02 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.9 | <50 | <9.9 | <50 | <60 |
| FS03 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | <60 |
| FS04 | 5/7/2025 | 2-3 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.8 | <49 | <9.8 | <49 | **1,100** |
| FS04R | 5/29/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 400 |
| FS05 | 5/7/2025 | 2-4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.4 | <47 | <9.4 | <47 | 150 |
| FS06 | 5/7/2025 | 2-3 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.9 | <50 | <9.9 | <50 | **770** |
| FS06R | 5/29/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.2 | <46 | <9.2 | <46 | 190 |
| FS07 | 5/7/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.8 | <49 | <9.8 | <49 | 570 |
| FS08 | 5/7/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | 340 |
| FS09 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.5 | <48 | <9.5 | <48 | 130 |
| FS10 | 5/7/2025 | 0.5-1.5 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <9.6 | <48 | <9.6 | <48 | 100 |
| FS11 | 5/7/2025 | 0.5-1.5 | <0.024 | <0.048 | <0.048 | <0.095 | <0.095 | <4.8 | <9.8 | <49 | <9.8 | <49 | 340 |
| FS12 | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.9 | <50 | <9.9 | <50 | 190 |
| FS13 | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.091 | <0.091 | <4.6 | <9.4 | <47 | <9.4 | <47 | <50 |
| FS14 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.2 | <46 | <9.2 | <46 | 58 |
| FS15 | 9/10/2025 | 2.5 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.9 | <49 | <9.9 | <49 | <49 |
| **Excavation Sidewall Samples** | | | | | | | | | | | | | |
| SW01 | 5/7/2025 | 0-4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.6 | <48 | <9.6 | <48 | 510 |
| SW02 | 5/7/2025 | 0-4 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| SW03 | 5/7/2025 | 0-2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.5 | <48 | <9.5 | <48 | **1,600** |
| **Borehole Samples** | | | | | | | | | | | | | |
| BH01 | 5/13/2025 | 4 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH02 | 5/13/2025 | 4 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.9 | <49 | <9.9 | <49 | <60 |
| BH03 | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <10 | <50 | <10 | <50 | 170 |
| BH04 | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.9 | <49 | <9.9 | <49 | 75 |
| BH-N 2' | 5/13/2025 | 2 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.9 | <50 | <9.9 | <50 | <60 |
| BH-N 4' | 5/13/2025 | 4 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <9.6 | <48 | <9.6 | <48 | 69 |
| BH-E 0' | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.3 | <47 | <9.3 | <47 | 250 |
| BH-E 2' | 5/13/2025 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.8 | <49 | <9.8 | <49 | <60 |
| BH-E 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.7 | <49 | <9.7 | <49 | <60 |
| BH-S 0' | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.9 | <50 | <9.9 | <50 | <50 |
| BH-S 2' | 5/13/2025 | 2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.6 | <48 | <9.6 | <48 | <60 |
| BH-S 4' | 5/13/2025 | 4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.1 | <46 | <9.1 | <46 | <60 |

ENSOLUM

# TABLE 1
## SOIL SAMPLE ANALYTICAL RESULTS
### W Lybrook 2309-24N SWD-001
### Enduring Resources, LLC
### San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | 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) | TPH DRO+GRO (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** |
| **NMOCD Reclamation Requirement for the Top Four Feet** | | | NE | NE | NE | NE | NE | NE | NE | NE | NE | **100** | **600** |
| BH-W 0' | 9/10/2025 | 0-0.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <9.9 | <49 | <9.9 | <49 | <50 |
| BH-W 2' | 5/13/2025 | 2 | <0.023 | <0.047 | <0.047 | <0.093 | <0.093 | <4.7 | <9.4 | <47 | <9.4 | <47 | <60 |
| BH-W 4' | 5/13/2025 | 4 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.7 | <48 | <9.7 | <48 | 63 |
| **Surface Composite Samples** | | | | | | | | | | | | | |
| SS01 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.2 | <46 | <9.2 | <46 | <50 |
| SS02 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <9.3 | <46 | <9.3 | <46 | <50 |
| SS03 | 9/10/2025 | 0-0.5 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <9.8 | <49 | <9.8 | <49 | <50 |
| SS04 | 9/10/2025 | 0-0.5 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <9.9 | <49 | <9.9 | <49 | <50 |

***Notes:***

*bgs: Below ground surface*
*BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes*
*mg/kg: Milligrams per kilogram*
*NE: Not Established*
*NMOCD: New Mexico Oil Conservation Division*
*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*

ENSOLUM

# ATTACHMENT 1

# Laboratory Analytical Reports

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Danny Montoya
Enduring Resources
200 Energy Court
Farmington, New Mexico 87401

Generated 9/17/2025 1:08:19 PM

## JOB DESCRIPTION

WLU 1 SWD

## JOB NUMBER

885-33049-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.



Released to Imaging: 6/17/2026 3:35:10 PM

# 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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9/17/2025 1:08:19 PM

Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)338-8837

Client: Enduring Resources
Project/Site: WLU 1 SWD

Laboratory Job ID: 885-33049-1

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# Definitions/Glossary

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |

### HPLC/IC

| Qualifier | Qualifier Description |
|---|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F1 | MS and/or MSD recovery exceeds control limits. |

## 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: WLU 1 SWD

Job ID: 885-33049-1

## Job ID: 885-33049-1 Eurofins Albuquerque

**Job Narrative**
**885-33049-1**

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

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

**Receipt**
The samples were received on 9/11/2025 7:15 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 3.5°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**
Method 8015D_DRO: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 885-34666 and analytical batch 885-34716 recovered outside control limits for the following analytes: Diesel Range Organics [C10-C28]. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8015D_DRO: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 885-34666 and analytical batch 885-34716 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

**HPLC/IC**
Method 300_OF_28D_PREC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-34531 and analytical batch 885-34525 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: BH-S 0'

**Date Collected: 09/10/25 11:10**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-1

**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 | | 4.6 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 18:38* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.023 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:38 | 1 |
| Ethylbenzene | ND | | 0.046 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:38 | 1 |
| Toluene | ND | | 0.046 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:38 | 1 |
| Xylenes, Total | ND | | 0.093 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 18:38* | *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 | | 9.9 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 00:37 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 00:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *106* | | *62 - 134* | *09/12/25 10:16* | *09/13/25 00:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | F1 | 50 | | mg/Kg | | 09/12/25 10:17 | 09/12/25 16:19 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: BH-E 0'

**Date Collected: 09/10/25 11:15**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-2

**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 | | 4.8 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 19:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 19:43* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 19:43 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 19:43 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 19:43 | 1 |
| Xylenes, Total | ND | | 0.096 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 19:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 19:43* | *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 | | 9.3 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 00:49 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 47 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 00:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *108* | | *62 - 134* | *09/12/25 10:16* | *09/13/25 00:49* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **250** | | 50 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 17:11 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: BH-W 0'

**Date Collected: 09/10/25 11:20**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-3

**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 | | 09/11/25 15:44 | 09/14/25 20:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 20:48* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 20:48 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 20:48 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 20:48 | 1 |
| Xylenes, Total | ND | | 0.096 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 20:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 20:48* | *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 | | 9.9 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 01:01 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 01:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *110* | | *62 - 134* | *09/12/25 10:16* | *09/13/25 01:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 50 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 18:03 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: FS12

**Date Collected: 09/10/25 11:25**
**Date Received: 09/11/25 07:15**

**Lab Sample ID: 885-33049-4**
**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 | | 09/11/25 15:44 | 09/14/25 21:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 21:10* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:10 | 1 |
| Ethylbenzene | ND | | 0.048 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:10 | 1 |
| Toluene | ND | | 0.048 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:10 | 1 |
| Xylenes, Total | ND | | 0.096 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 21:10* | *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 | | 9.9 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 01:13 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 01:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *116* | | *62 - 134* | *09/12/25 10:16* | *09/13/25 01:13* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **190** | | 50 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 18:34 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: FS13

**Date Collected: 09/10/25 11:30**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-5

**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 | | 4.6 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 21:32* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.023 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:32 | 1 |
| Ethylbenzene | ND | | 0.046 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:32 | 1 |
| Toluene | ND | | 0.046 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:32 | 1 |
| Xylenes, Total | ND | | 0.091 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 21:32* | *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 | | 9.4 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 01:25 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 47 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 01:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *110* | | *62 - 134* | *09/12/25 10:16* | *09/13/25 01:25* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 50 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 18:44 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: FS14

**Date Collected: 09/10/25 11:35**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-6

**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 | | 4.7 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 21:54* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:54 | 1 |
| Ethylbenzene | ND | | 0.047 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:54 | 1 |
| Toluene | ND | | 0.047 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:54 | 1 |
| Xylenes, Total | ND | | 0.094 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 21:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 21:54* | *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 | | 9.2 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 01:38 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 46 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 01:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *112* | | *62 - 134* | *09/12/25 10:16* | *09/13/25 01:38* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **58** | | 50 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 18:55 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: FS15

**Date Collected: 09/10/25 12:30**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-7

**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 | | 09/11/25 15:44 | 09/14/25 22:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 22:15* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:15 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:15 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:15 | 1 |
| Xylenes, Total | ND | | 0.098 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 22:15* | *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 | | 9.9 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 02:02 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 02:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *110* | | *62 - 134* | *09/12/25 10:16* | *09/13/25 02:02* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 49 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 19:05 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: SS01

**Date Collected: 09/10/25 11:40**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-8

**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 | | 4.7 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 22:37* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:37 | 1 |
| Ethylbenzene | ND | | 0.047 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:37 | 1 |
| Toluene | ND | | 0.047 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:37 | 1 |
| Xylenes, Total | ND | | 0.095 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 22:37* | *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 | | 9.2 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 02:14 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 46 | | mg/Kg | | 09/12/25 10:16 | 09/13/25 02:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *115* | | *62 - 134* | *09/12/25 10:16* | *09/13/25 02:14* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 50 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 19:15 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: SS02

**Date Collected: 09/10/25 11:45**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-9

**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 | | 4.7 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 22:59* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.023 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:59 | 1 |
| Ethylbenzene | ND | | 0.047 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:59 | 1 |
| Toluene | ND | | 0.047 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:59 | 1 |
| Xylenes, Total | ND | | 0.094 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 22:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 22:59* | *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 | *+ | 9.3 | | mg/Kg | | 09/15/25 14:39 | 09/16/25 10:17 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 46 | | mg/Kg | | 09/15/25 14:39 | 09/16/25 10:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *128* | | *62 - 134* | *09/15/25 14:39* | *09/16/25 10:17* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 50 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 19:46 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: SS03

**Date Collected: 09/10/25 11:50**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-10

**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 | | 4.7 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 23:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 23:21* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 23:21 | 1 |
| Ethylbenzene | ND | | 0.047 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 23:21 | 1 |
| Toluene | ND | | 0.047 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 23:21 | 1 |
| Xylenes, Total | ND | | 0.095 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 23:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 23:21* | *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 | *+ | 9.8 | | mg/Kg | | 09/15/25 14:39 | 09/16/25 10:29 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 09/15/25 14:39 | 09/16/25 10:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *147* | *S1+* | *62 - 134* | *09/15/25 14:39* | *09/16/25 10:29* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 50 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 19:57 | 10 |

# Client Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: SS04

**Date Collected: 09/10/25 11:55**
**Date Received: 09/11/25 07:15**

## Lab Sample ID: 885-33049-11

**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 | | 4.6 | | mg/Kg | | 09/11/25 15:44 | 09/15/25 00:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *15 - 150* | *09/11/25 15:44* | *09/15/25 00:05* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.023 | | mg/Kg | | 09/11/25 15:44 | 09/15/25 00:05 | 1 |
| Ethylbenzene | ND | | 0.046 | | mg/Kg | | 09/11/25 15:44 | 09/15/25 00:05 | 1 |
| Toluene | ND | | 0.046 | | mg/Kg | | 09/11/25 15:44 | 09/15/25 00:05 | 1 |
| Xylenes, Total | ND | | 0.093 | | mg/Kg | | 09/11/25 15:44 | 09/15/25 00:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *15 - 150* | *09/11/25 15:44* | *09/15/25 00:05* | *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 | *+ | 9.9 | | mg/Kg | | 09/15/25 14:39 | 09/16/25 10:41 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 09/15/25 14:39 | 09/16/25 10:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *132* | | *62 - 134* | *09/15/25 14:39* | *09/16/25 10:41* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 50 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 20:07 | 10 |

# QC Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

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

**Lab Sample ID: MB 885-34467/1-A**
**Matrix: Solid**
**Analysis Batch: 34598**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 5.0 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:16 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 18:16* | *1* |

**Lab Sample ID: LCS 885-34467/2-A**
**Matrix: Solid**
**Analysis Batch: 34598**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | | | 25.0 | 22.7 | | mg/Kg | | 91 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *189* | | *15 - 150* |

**Lab Sample ID: 885-33049-1 MS**
**Matrix: Solid**
**Analysis Batch: 34598**

**Client Sample ID: BH-S 0'**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 23.2 | 22.1 | | mg/Kg | | 95 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *195* | | *15 - 150* |

**Lab Sample ID: 885-33049-1 MSD**
**Matrix: Solid**
**Analysis Batch: 34598**

**Client Sample ID: BH-S 0'**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics [C6 - C10] | ND | | 23.2 | 22.4 | | mg/Kg | | 97 | 70 - 130 | 1 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *192* | | *15 - 150* |

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

**Lab Sample ID: MB 885-34467/1-A**
**Matrix: Solid**
**Analysis Batch: 34599**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:16 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:16 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:16 | 1 |

# QC Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

**Lab Sample ID: MB 885-34467/1-A**
**Matrix: Solid**
**Analysis Batch: 34599**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | ND | | 0.10 | | mg/Kg | | 09/11/25 15:44 | 09/14/25 18:16 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *15 - 150* | *09/11/25 15:44* | *09/14/25 18:16* | *1* |

**Lab Sample ID: LCS 885-34467/3-A**
**Matrix: Solid**
**Analysis Batch: 34599**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 1.00 | 0.982 | | mg/Kg | | 98 | 70 - 130 | | |
| Ethylbenzene | | | 1.00 | 0.962 | | mg/Kg | | 96 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 2.00 | 1.93 | | mg/Kg | | 96 | 70 - 130 | | |
| o-Xylene | | | 1.00 | 0.960 | | mg/Kg | | 96 | 70 - 130 | | |
| Toluene | | | 1.00 | 0.967 | | mg/Kg | | 97 | 70 - 130 | | |
| Xylenes, Total | | | 3.00 | 2.89 | | mg/Kg | | 96 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *15 - 150* |

**Lab Sample ID: 885-33049-2 MS**
**Matrix: Solid**
**Analysis Batch: 34599**

**Client Sample ID: BH-E 0'**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.954 | 0.943 | | mg/Kg | | 99 | 70 - 130 | | |
| Ethylbenzene | ND | | 0.954 | 0.948 | | mg/Kg | | 99 | 70 - 130 | | |
| m-Xylene & p-Xylene | ND | | 1.91 | 1.91 | | mg/Kg | | 100 | 70 - 130 | | |
| o-Xylene | ND | | 0.954 | 0.943 | | mg/Kg | | 99 | 70 - 130 | | |
| Toluene | ND | | 0.954 | 0.939 | | mg/Kg | | 98 | 70 - 130 | | |
| Xylenes, Total | ND | | 2.86 | 2.85 | | mg/Kg | | 100 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *15 - 150* |

**Lab Sample ID: 885-33049-2 MSD**
**Matrix: Solid**
**Analysis Batch: 34599**

**Client Sample ID: BH-E 0'**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.967 | 0.895 | | mg/Kg | | 93 | 70 - 130 | 5 | 20 |
| Ethylbenzene | ND | | 0.967 | 0.907 | | mg/Kg | | 94 | 70 - 130 | 4 | 20 |
| m-Xylene & p-Xylene | ND | | 1.93 | 1.78 | | mg/Kg | | 92 | 70 - 130 | 7 | 20 |
| o-Xylene | ND | | 0.967 | 0.875 | | mg/Kg | | 90 | 70 - 130 | 7 | 20 |
| Toluene | ND | | 0.967 | 0.879 | | mg/Kg | | 91 | 70 - 130 | 7 | 20 |
| Xylenes, Total | ND | | 2.90 | 2.65 | | mg/Kg | | 91 | 70 - 130 | 7 | 20 |

# QC Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

**Lab Sample ID: 885-33049-2 MSD**
**Matrix: Solid**
**Analysis Batch: 34599**

**Client Sample ID: BH-E 0'**
**Prep Type: Total/NA**
**Prep Batch: 34467**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *15 - 150* |

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

**Lab Sample ID: MB 885-34530/1-A**
**Matrix: Solid**
**Analysis Batch: 34500**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 34530**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 10 | | mg/Kg | | 09/12/25 10:16 | 09/12/25 21:33 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 09/12/25 10:16 | 09/12/25 21:33 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *117* | | *62 - 134* | *09/12/25 10:16* | *09/12/25 21:33* | *1* |

**Lab Sample ID: LCS 885-34530/2-A**
**Matrix: Solid**
**Analysis Batch: 34500**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 34530**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 50.0 | 45.5 | | mg/Kg | | 91 | 51 - 148 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *106* | | *62 - 134* |

**Lab Sample ID: 885-33049-8 MS**
**Matrix: Solid**
**Analysis Batch: 34500**

**Client Sample ID: SS01**
**Prep Type: Total/NA**
**Prep Batch: 34530**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 48.1 | 46.9 | | mg/Kg | | 98 | 44 - 136 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *105* | | *62 - 134* |

**Lab Sample ID: 885-33049-8 MSD**
**Matrix: Solid**
**Analysis Batch: 34500**

**Client Sample ID: SS01**
**Prep Type: Total/NA**
**Prep Batch: 34530**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 48.7 | 44.1 | | mg/Kg | | 91 | 44 - 136 | 6 | 32 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *100* | | *62 - 134* |

# QC Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

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

**Lab Sample ID: MB 885-34666/1-A**
**Matrix: Solid**
**Analysis Batch: 34716**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 34666**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 10 | | mg/Kg | | 09/15/25 14:39 | 09/16/25 09:52 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 09/15/25 14:39 | 09/16/25 09:52 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *146* | *S1+* | *62 - 134* | *09/15/25 14:39* | *09/16/25 09:52* | *1* |

**Lab Sample ID: LCS 885-34666/2-A**
**Matrix: Solid**
**Analysis Batch: 34716**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 34666**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 50.0 | 85.8 | *+ | mg/Kg | | 172 | 51 - 148 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *185* | *S1+* | *62 - 134* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 885-34531/1-A**
**Matrix: Solid**
**Analysis Batch: 34525**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 34531**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 4.9 | | mg/Kg | | 09/12/25 10:17 | 09/12/25 11:32 | 1 |

**Lab Sample ID: LCS 885-34531/2-A**
**Matrix: Solid**
**Analysis Batch: 34525**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 34531**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 49.8 | 48.8 | | mg/Kg | | 98 | 90 - 110 | | |

**Lab Sample ID: MB 885-34555/1-A**
**Matrix: Solid**
**Analysis Batch: 34525**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 34555**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 4.9 | | mg/Kg | | 09/12/25 15:54 | 09/12/25 16:50 | 1 |

**Lab Sample ID: LCS 885-34555/2-A**
**Matrix: Solid**
**Analysis Batch: 34525**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 34555**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 49.5 | 48.9 | | mg/Kg | | 99 | 90 - 110 | | |

# QC Sample Results

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 885-33049-2 MSD**
**Matrix: Solid**
**Analysis Batch: 34525**

**Client Sample ID: BH-E 0'**
**Prep Type: Total/NA**
**Prep Batch: 34555**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | | 49.7 | 303 | 4 | mg/Kg | | 113 | 50 - 150 | 11 | 20 |

**Lab Sample ID: 885-33049-3 MS**
**Matrix: Solid**
**Analysis Batch: 34525**

**Client Sample ID: BH-W 0'**
**Prep Type: Total/NA**
**Prep Batch: 34555**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 50.7 | 54.9 | | mg/Kg | | NC | 50 - 150 |

**Lab Sample ID: 885-33049-3 MSD**
**Matrix: Solid**
**Analysis Batch: 34525**

**Client Sample ID: BH-W 0'**
**Prep Type: Total/NA**
**Prep Batch: 34555**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 49.2 | 53.4 | | mg/Kg | | 108 | 50 - 150 | 3 | 20 |

# QC Association Summary

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## GC VOA

### Prep Batch: 34467

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-1 | BH-S 0' | Total/NA | Solid | 5030C | |
| 885-33049-2 | BH-E 0' | Total/NA | Solid | 5030C | |
| 885-33049-3 | BH-W 0' | Total/NA | Solid | 5030C | |
| 885-33049-4 | FS12 | Total/NA | Solid | 5030C | |
| 885-33049-5 | FS13 | Total/NA | Solid | 5030C | |
| 885-33049-6 | FS14 | Total/NA | Solid | 5030C | |
| 885-33049-7 | FS15 | Total/NA | Solid | 5030C | |
| 885-33049-8 | SS01 | Total/NA | Solid | 5030C | |
| 885-33049-9 | SS02 | Total/NA | Solid | 5030C | |
| 885-33049-10 | SS03 | Total/NA | Solid | 5030C | |
| 885-33049-11 | SS04 | Total/NA | Solid | 5030C | |
| MB 885-34467/1-A | Method Blank | Total/NA | Solid | 5030C | |
| LCS 885-34467/2-A | Lab Control Sample | Total/NA | Solid | 5030C | |
| LCS 885-34467/3-A | Lab Control Sample | Total/NA | Solid | 5030C | |
| 885-33049-1 MS | BH-S 0' | Total/NA | Solid | 5030C | |
| 885-33049-1 MSD | BH-S 0' | Total/NA | Solid | 5030C | |
| 885-33049-2 MS | BH-E 0' | Total/NA | Solid | 5030C | |
| 885-33049-2 MSD | BH-E 0' | Total/NA | Solid | 5030C | |

### Analysis Batch: 34598

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-1 | BH-S 0' | Total/NA | Solid | 8015D | 34467 |
| 885-33049-2 | BH-E 0' | Total/NA | Solid | 8015D | 34467 |
| 885-33049-3 | BH-W 0' | Total/NA | Solid | 8015D | 34467 |
| 885-33049-4 | FS12 | Total/NA | Solid | 8015D | 34467 |
| 885-33049-5 | FS13 | Total/NA | Solid | 8015D | 34467 |
| 885-33049-6 | FS14 | Total/NA | Solid | 8015D | 34467 |
| 885-33049-7 | FS15 | Total/NA | Solid | 8015D | 34467 |
| 885-33049-8 | SS01 | Total/NA | Solid | 8015D | 34467 |
| 885-33049-9 | SS02 | Total/NA | Solid | 8015D | 34467 |
| 885-33049-10 | SS03 | Total/NA | Solid | 8015D | 34467 |
| 885-33049-11 | SS04 | Total/NA | Solid | 8015D | 34467 |
| MB 885-34467/1-A | Method Blank | Total/NA | Solid | 8015D | 34467 |
| LCS 885-34467/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 34467 |
| 885-33049-1 MS | BH-S 0' | Total/NA | Solid | 8015D | 34467 |
| 885-33049-1 MSD | BH-S 0' | Total/NA | Solid | 8015D | 34467 |

### Analysis Batch: 34599

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-1 | BH-S 0' | Total/NA | Solid | 8021B | 34467 |
| 885-33049-2 | BH-E 0' | Total/NA | Solid | 8021B | 34467 |
| 885-33049-3 | BH-W 0' | Total/NA | Solid | 8021B | 34467 |
| 885-33049-4 | FS12 | Total/NA | Solid | 8021B | 34467 |
| 885-33049-5 | FS13 | Total/NA | Solid | 8021B | 34467 |
| 885-33049-6 | FS14 | Total/NA | Solid | 8021B | 34467 |
| 885-33049-7 | FS15 | Total/NA | Solid | 8021B | 34467 |
| 885-33049-8 | SS01 | Total/NA | Solid | 8021B | 34467 |
| 885-33049-9 | SS02 | Total/NA | Solid | 8021B | 34467 |
| 885-33049-10 | SS03 | Total/NA | Solid | 8021B | 34467 |
| 885-33049-11 | SS04 | Total/NA | Solid | 8021B | 34467 |
| MB 885-34467/1-A | Method Blank | Total/NA | Solid | 8021B | 34467 |

# QC Association Summary

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## GC VOA (Continued)

### Analysis Batch: 34599 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 885-34467/3-A | Lab Control Sample | Total/NA | Solid | 8021B | 34467 |
| 885-33049-2 MS | BH-E 0' | Total/NA | Solid | 8021B | 34467 |
| 885-33049-2 MSD | BH-E 0' | Total/NA | Solid | 8021B | 34467 |

## GC Semi VOA

### Analysis Batch: 34500

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-1 | BH-S 0' | Total/NA | Solid | 8015D | 34530 |
| 885-33049-2 | BH-E 0' | Total/NA | Solid | 8015D | 34530 |
| 885-33049-3 | BH-W 0' | Total/NA | Solid | 8015D | 34530 |
| 885-33049-4 | FS12 | Total/NA | Solid | 8015D | 34530 |
| 885-33049-5 | FS13 | Total/NA | Solid | 8015D | 34530 |
| 885-33049-6 | FS14 | Total/NA | Solid | 8015D | 34530 |
| 885-33049-7 | FS15 | Total/NA | Solid | 8015D | 34530 |
| 885-33049-8 | SS01 | Total/NA | Solid | 8015D | 34530 |
| MB 885-34530/1-A | Method Blank | Total/NA | Solid | 8015D | 34530 |
| LCS 885-34530/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 34530 |
| 885-33049-8 MS | SS01 | Total/NA | Solid | 8015D | 34530 |
| 885-33049-8 MSD | SS01 | Total/NA | Solid | 8015D | 34530 |

### Prep Batch: 34530

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-1 | BH-S 0' | Total/NA | Solid | SHAKE | |
| 885-33049-2 | BH-E 0' | Total/NA | Solid | SHAKE | |
| 885-33049-3 | BH-W 0' | Total/NA | Solid | SHAKE | |
| 885-33049-4 | FS12 | Total/NA | Solid | SHAKE | |
| 885-33049-5 | FS13 | Total/NA | Solid | SHAKE | |
| 885-33049-6 | FS14 | Total/NA | Solid | SHAKE | |
| 885-33049-7 | FS15 | Total/NA | Solid | SHAKE | |
| 885-33049-8 | SS01 | Total/NA | Solid | SHAKE | |
| MB 885-34530/1-A | Method Blank | Total/NA | Solid | SHAKE | |
| LCS 885-34530/2-A | Lab Control Sample | Total/NA | Solid | SHAKE | |
| 885-33049-8 MS | SS01 | Total/NA | Solid | SHAKE | |
| 885-33049-8 MSD | SS01 | Total/NA | Solid | SHAKE | |

### Prep Batch: 34666

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-9 | SS02 | Total/NA | Solid | SHAKE | |
| 885-33049-10 | SS03 | Total/NA | Solid | SHAKE | |
| 885-33049-11 | SS04 | Total/NA | Solid | SHAKE | |
| MB 885-34666/1-A | Method Blank | Total/NA | Solid | SHAKE | |
| LCS 885-34666/2-A | Lab Control Sample | Total/NA | Solid | SHAKE | |

### Analysis Batch: 34716

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-9 | SS02 | Total/NA | Solid | 8015D | 34666 |
| 885-33049-10 | SS03 | Total/NA | Solid | 8015D | 34666 |
| 885-33049-11 | SS04 | Total/NA | Solid | 8015D | 34666 |
| MB 885-34666/1-A | Method Blank | Total/NA | Solid | 8015D | 34666 |
| LCS 885-34666/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 34666 |

# QC Association Summary

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## HPLC/IC

### Analysis Batch: 34525

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-1 | BH-S 0' | Total/NA | Solid | 300.0 | 34531 |
| 885-33049-2 | BH-E 0' | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-3 | BH-W 0' | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-4 | FS12 | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-5 | FS13 | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-6 | FS14 | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-7 | FS15 | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-8 | SS01 | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-9 | SS02 | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-10 | SS03 | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-11 | SS04 | Total/NA | Solid | 300.0 | 34555 |
| MB 885-34531/1-A | Method Blank | Total/NA | Solid | 300.0 | 34531 |
| MB 885-34555/1-A | Method Blank | Total/NA | Solid | 300.0 | 34555 |
| LCS 885-34531/2-A | Lab Control Sample | Total/NA | Solid | 300.0 | 34531 |
| LCS 885-34555/2-A | Lab Control Sample | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-2 MSD | BH-E 0' | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-3 MS | BH-W 0' | Total/NA | Solid | 300.0 | 34555 |
| 885-33049-3 MSD | BH-W 0' | Total/NA | Solid | 300.0 | 34555 |

### Prep Batch: 34531

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-1 | BH-S 0' | Total/NA | Solid | 300_Prep | |
| MB 885-34531/1-A | Method Blank | Total/NA | Solid | 300_Prep | |
| LCS 885-34531/2-A | Lab Control Sample | Total/NA | Solid | 300_Prep | |

### Prep Batch: 34555

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-33049-2 | BH-E 0' | Total/NA | Solid | 300_Prep | |
| 885-33049-3 | BH-W 0' | Total/NA | Solid | 300_Prep | |
| 885-33049-4 | FS12 | Total/NA | Solid | 300_Prep | |
| 885-33049-5 | FS13 | Total/NA | Solid | 300_Prep | |
| 885-33049-6 | FS14 | Total/NA | Solid | 300_Prep | |
| 885-33049-7 | FS15 | Total/NA | Solid | 300_Prep | |
| 885-33049-8 | SS01 | Total/NA | Solid | 300_Prep | |
| 885-33049-9 | SS02 | Total/NA | Solid | 300_Prep | |
| 885-33049-10 | SS03 | Total/NA | Solid | 300_Prep | |
| 885-33049-11 | SS04 | Total/NA | Solid | 300_Prep | |
| MB 885-34555/1-A | Method Blank | Total/NA | Solid | 300_Prep | |
| LCS 885-34555/2-A | Lab Control Sample | Total/NA | Solid | 300_Prep | |
| 885-33049-2 MSD | BH-E 0' | Total/NA | Solid | 300_Prep | |
| 885-33049-3 MS | BH-W 0' | Total/NA | Solid | 300_Prep | |
| 885-33049-3 MSD | BH-W 0' | Total/NA | Solid | 300_Prep | |

# Lab Chronicle

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: BH-S 0'
**Lab Sample ID: 885-33049-1**
**Date Collected: 09/10/25 11:10**
**Matrix: Solid**
**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 18:38 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 18:38 |
| Total/NA | Prep | SHAKE | | | 34530 | EM | EET ALB | 09/12/25 10:16 |
| Total/NA | Analysis | 8015D | | 1 | 34500 | EM | EET ALB | 09/13/25 00:37 |
| Total/NA | Prep | 300_Prep | | | 34531 | RC | EET ALB | 09/12/25 10:17 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 16:19 |

## Client Sample ID: BH-E 0'
**Lab Sample ID: 885-33049-2**
**Date Collected: 09/10/25 11:15**
**Matrix: Solid**
**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 19:43 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 19:43 |
| Total/NA | Prep | SHAKE | | | 34530 | EM | EET ALB | 09/12/25 10:16 |
| Total/NA | Analysis | 8015D | | 1 | 34500 | EM | EET ALB | 09/13/25 00:49 |
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 17:11 |

## Client Sample ID: BH-W 0'
**Lab Sample ID: 885-33049-3**
**Date Collected: 09/10/25 11:20**
**Matrix: Solid**
**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 20:48 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 20:48 |
| Total/NA | Prep | SHAKE | | | 34530 | EM | EET ALB | 09/12/25 10:16 |
| Total/NA | Analysis | 8015D | | 1 | 34500 | EM | EET ALB | 09/13/25 01:01 |
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 18:03 |

## Client Sample ID: FS12
**Lab Sample ID: 885-33049-4**
**Date Collected: 09/10/25 11:25**
**Matrix: Solid**
**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 21:10 |

# Lab Chronicle

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: FS12
**Date Collected: 09/10/25 11:25**
**Date Received: 09/11/25 07:15**

**Lab Sample ID: 885-33049-4**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 21:10 |
| Total/NA | Prep | SHAKE | | | 34530 | EM | EET ALB | 09/12/25 10:16 |
| Total/NA | Analysis | 8015D | | 1 | 34500 | EM | EET ALB | 09/13/25 01:13 |
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 18:34 |

## Client Sample ID: FS13
**Date Collected: 09/10/25 11:30**
**Date Received: 09/11/25 07:15**

**Lab Sample ID: 885-33049-5**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 21:32 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 21:32 |
| Total/NA | Prep | SHAKE | | | 34530 | EM | EET ALB | 09/12/25 10:16 |
| Total/NA | Analysis | 8015D | | 1 | 34500 | EM | EET ALB | 09/13/25 01:25 |
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 18:44 |

## Client Sample ID: FS14
**Date Collected: 09/10/25 11:35**
**Date Received: 09/11/25 07:15**

**Lab Sample ID: 885-33049-6**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 21:54 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 21:54 |
| Total/NA | Prep | SHAKE | | | 34530 | EM | EET ALB | 09/12/25 10:16 |
| Total/NA | Analysis | 8015D | | 1 | 34500 | EM | EET ALB | 09/13/25 01:38 |
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 18:55 |

## Client Sample ID: FS15
**Date Collected: 09/10/25 12:30**
**Date Received: 09/11/25 07:15**

**Lab Sample ID: 885-33049-7**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 22:15 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 22:15 |

# Lab Chronicle

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: FS15

**Lab Sample ID: 885-33049-7**

**Date Collected: 09/10/25 12:30**
**Matrix: Solid**
**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | SHAKE | | | 34530 | EM | EET ALB | 09/12/25 10:16 |
| Total/NA | Analysis | 8015D | | 1 | 34500 | EM | EET ALB | 09/13/25 02:02 |
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 19:05 |

## Client Sample ID: SS01

**Lab Sample ID: 885-33049-8**

**Date Collected: 09/10/25 11:40**
**Matrix: Solid**
**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 22:37 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 22:37 |
| Total/NA | Prep | SHAKE | | | 34530 | EM | EET ALB | 09/12/25 10:16 |
| Total/NA | Analysis | 8015D | | 1 | 34500 | EM | EET ALB | 09/13/25 02:14 |
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 19:15 |

## Client Sample ID: SS02

**Lab Sample ID: 885-33049-9**

**Date Collected: 09/10/25 11:45**
**Matrix: Solid**
**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 22:59 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 22:59 |
| Total/NA | Prep | SHAKE | | | 34666 | EM | EET ALB | 09/15/25 14:39 |
| Total/NA | Analysis | 8015D | | 1 | 34716 | BZR | EET ALB | 09/16/25 10:17 |
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 19:46 |

## Client Sample ID: SS03

**Lab Sample ID: 885-33049-10**

**Date Collected: 09/10/25 11:50**
**Matrix: Solid**
**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/14/25 23:21 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/14/25 23:21 |
| Total/NA | Prep | SHAKE | | | 34666 | EM | EET ALB | 09/15/25 14:39 |
| Total/NA | Analysis | 8015D | | 1 | 34716 | BZR | EET ALB | 09/16/25 10:29 |

# Lab Chronicle

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## Client Sample ID: SS03

**Lab Sample ID: 885-33049-10**

**Date Collected: 09/10/25 11:50**

**Matrix: Solid**

**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 19:57 |

## Client Sample ID: SS04

**Lab Sample ID: 885-33049-11**

**Date Collected: 09/10/25 11:55**

**Matrix: Solid**

**Date Received: 09/11/25 07:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8015D | | 1 | 34598 | AT | EET ALB | 09/15/25 00:05 |
| Total/NA | Prep | 5030C | | | 34467 | JP | EET ALB | 09/11/25 15:44 |
| Total/NA | Analysis | 8021B | | 1 | 34599 | AT | EET ALB | 09/15/25 00:05 |
| Total/NA | Prep | SHAKE | | | 34666 | EM | EET ALB | 09/15/25 14:39 |
| Total/NA | Analysis | 8015D | | 1 | 34716 | BZR | EET ALB | 09/16/25 10:41 |
| Total/NA | Prep | 300_Prep | | | 34555 | MA | EET ALB | 09/12/25 15:54 |
| Total/NA | Analysis | 300.0 | | 10 | 34525 | RC | EET ALB | 09/12/25 20:07 |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Enduring Resources
Project/Site: WLU 1 SWD

Job ID: 885-33049-1

## 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 |

Released to Imaging: 6/17/2026 3:35:10 PM
Received by OCD: 6/12/2026 11:37:42 AM

# Chain-of-Custody Record

Client: Enduring

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
5 day
☒ Standard ☐ Rush

Project Name: W2U 1 SWD

Project #:

Project Manager: Danny Burns - Ensolum

Sampler: E. Carrol

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Abby

Cooler Temp(including CF): 3.7-0.2=3.5 (°C)

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

885-33049 COC

Analysis Request

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9-10 | 1110 | S | BH-S 0' | 1 4oz | C001 | | X | X | | | | | X | | | |
| | 1115 | | BH-E 0' | | | | | | | | | | | | | |
| | 1120 | | BH-W 0' | | | | | | | | | | | | | |
| | 1125 | | FS12 | | | | | | | | | | | | | |
| | 1130 | | FS13 | | | | | | | | | | | | | |
| | 1135 | | FS14 | | | | | | | | | | | | | |
| | 1230 | | FS15 | | | | | | | | | | | | | |
| | 1146 | | SS01 | | | | | | | | | | | | | |
| | 1145 | | SS02 | | | | | | | | | | | | | |
| | 1150 | | SS03 | | | | | | | | | | | | | |
| ↓ | 1159 | ↓ | SS04 | ↓ | ↓ | | ↓ | ↓ | | | | | ↓ | | | |

| Date: | Time: | Relinquished by: | Received by: | Via: | Date | Time |
|---|---|---|---|---|---|---|
| 9/10 | 1405 | [signature] | [signature] | | 9/10/25 | 1405 |
| 9/10/25 | 1800 | [signature] | [signature] | courier | 9/11/25 | 7:15 |

Remarks: cc: ecarroll@ensolum.com

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: 885-33049-1

**Login Number: 33049** **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 | |

ENSOLUM

# ATTACHMENT 3

# Laboratory Analytical Report

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Danny Montoya
Enduring Resources
200 Energy Court
Farmington, New Mexico 87401

Generated 12/19/2025 12:48:23 PM

## JOB DESCRIPTION

W Lybrook 2309 24N SWD

## JOB NUMBER

885-39362-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.



Released to Imaging: 6/17/2026 3:35:10 PM

# 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



Generated
12/19/2025 12:48:23 PM

Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)338-8837

Client: Enduring Resources
Project/Site: W Lybrook 2309 24N SWD

Laboratory Job ID: 885-39362-1

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# Definitions/Glossary

Client: Enduring Resources Job ID: 885-39362-1
Project/Site: W Lybrook 2309 24N SWD

## 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: W Lybrook 2309 24N SWD

Job ID: 885-39362-1

## Job ID: 885-39362-1 Eurofins Albuquerque

**Job Narrative**
**885-39362-1**

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

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

**Receipt**
The samples were received on 12/11/2025 5:47 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 2.1°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
Job ID: 885-39362-1
Project/Site: W Lybrook 2309 24N SWD

**Client Sample ID: FS15R@4'**
**Lab Sample ID: 885-39362-1**
**Date Collected: 12/10/25 12:05**
**Matrix: Solid**
**Date Received: 12/11/25 05:47**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | ND | | 4.9 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *15 - 150* | *12/12/25 09:17* | *12/18/25 14:30* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:30 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:30 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:30 | 1 |
| Xylenes, Total | ND | | 0.097 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *15 - 150* | *12/12/25 09:17* | *12/18/25 14:30* | *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 | | 9.9 | | mg/Kg | | 12/12/25 10:15 | 12/15/25 14:38 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 12/12/25 10:15 | 12/15/25 14:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *80* | | *62 - 134* | *12/12/25 10:15* | *12/15/25 14:38* | *1* |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **95** | | 50 | | mg/Kg | | 12/12/25 16:38 | 12/14/25 16:03 | 10 |

# Client Sample Results

Client: Enduring Resources
Job ID: 885-39362-1
Project/Site: W Lybrook 2309 24N SWD

## Client Sample ID: FS14R@2'
**Lab Sample ID: 885-39362-2**
**Date Collected: 12/10/25 12:15**
**Matrix: Solid**
**Date Received: 12/11/25 05:47**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | ND | | 4.9 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *15 - 150* | *12/12/25 09:17* | *12/18/25 14:54* | *1* |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.024 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:54 | 1 |
| Ethylbenzene | ND | | 0.049 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:54 | 1 |
| Toluene | ND | | 0.049 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:54 | 1 |
| Xylenes, Total | ND | | 0.098 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 14:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *119* | | *15 - 150* | *12/12/25 09:17* | *12/18/25 14:54* | *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 | | 9.7 | | mg/Kg | | 12/12/25 10:15 | 12/15/25 14:49 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 49 | | mg/Kg | | 12/12/25 10:15 | 12/15/25 14:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *76* | | *62 - 134* | *12/12/25 10:15* | *12/15/25 14:49* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1100** | | 50 | | mg/Kg | | 12/12/25 16:38 | 12/14/25 16:17 | 10 |

# QC Sample Results

Client: Enduring Resources
Project/Site: W Lybrook 2309 24N SWD

Job ID: 885-39362-1

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

**Lab Sample ID: MB 885-39826/1-A**
**Matrix: Solid**
**Analysis Batch: 40127**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 39826**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | ND | | 5.0 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 09:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *15 - 150* | *12/12/25 09:17* | *12/18/25 09:45* | *1* |

**Lab Sample ID: LCS 885-39826/2-A**
**Matrix: Solid**
**Analysis Batch: 40127**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 39826**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 25.0 | 20.5 | | mg/Kg | | 82 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *189* | | *15 - 150* |

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

**Lab Sample ID: MB 885-39826/1-A**
**Matrix: Solid**
**Analysis Batch: 40128**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 39826**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 0.025 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 09:45 | 1 |
| Ethylbenzene | ND | | 0.050 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 09:45 | 1 |
| Toluene | ND | | 0.050 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 09:45 | 1 |
| Xylenes, Total | ND | | 0.10 | | mg/Kg | | 12/12/25 09:17 | 12/18/25 09:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *15 - 150* | *12/12/25 09:17* | *12/18/25 09:45* | *1* |

**Lab Sample ID: LCS 885-39826/3-A**
**Matrix: Solid**
**Analysis Batch: 40128**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 39826**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 1.00 | 1.04 | | mg/Kg | | 104 | 70 - 130 | | |
| Ethylbenzene | | | 1.00 | 1.04 | | mg/Kg | | 104 | 70 - 130 | | |
| m&p-Xylene | | | 2.00 | 2.05 | | mg/Kg | | 102 | 70 - 130 | | |
| o-Xylene | | | 1.00 | 1.01 | | mg/Kg | | 101 | 70 - 130 | | |
| Toluene | | | 1.00 | 0.883 | | mg/Kg | | 88 | 70 - 130 | | |
| Xylenes, Total | | | 3.00 | 3.06 | | mg/Kg | | 102 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *15 - 150* |

# QC Sample Results

Client: Enduring Resources
Project/Site: W Lybrook 2309 24N SWD

Job ID: 885-39362-1

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

**Lab Sample ID: MB 885-39831/1-A**
**Matrix: Solid**
**Analysis Batch: 39967**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 39831**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 10 | | mg/Kg | | 12/12/25 10:15 | 12/16/25 15:45 | 1 |
| Motor Oil Range Organics [C28-C40] | ND | | 50 | | mg/Kg | | 12/12/25 10:15 | 12/16/25 15:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *103* | | *62 - 134* | *12/12/25 10:15* | *12/16/25 15:45* | *1* |

**Lab Sample ID: LCS 885-39831/2-A**
**Matrix: Solid**
**Analysis Batch: 39905**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 39831**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 50.0 | 39.9 | | mg/Kg | | 80 | 51 - 148 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Di-n-octyl phthalate (Surr)* | *81* | | *62 - 134* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 885-39869/1-A**
**Matrix: Solid**
**Analysis Batch: 39888**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 39869**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | ND | | 5.1 | | mg/Kg | | 12/12/25 16:38 | 12/14/25 12:23 | 1 |

**Lab Sample ID: LCS 885-39869/2-A**
**Matrix: Solid**
**Analysis Batch: 39888**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 39869**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 49.7 | 48.8 | | mg/Kg | | 98 | 90 - 110 | | |

# QC Association Summary

Client: Enduring Resources
Job ID: 885-39362-1
Project/Site: W Lybrook 2309 24N SWD

## GC VOA

### Prep Batch: 39826

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-39362-1 | FS15R@4' | Total/NA | Solid | 5030C | |
| 885-39362-2 | FS14R@2' | Total/NA | Solid | 5030C | |
| MB 885-39826/1-A | Method Blank | Total/NA | Solid | 5030C | |
| LCS 885-39826/2-A | Lab Control Sample | Total/NA | Solid | 5030C | |
| LCS 885-39826/3-A | Lab Control Sample | Total/NA | Solid | 5030C | |

### Analysis Batch: 40127

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-39362-1 | FS15R@4' | Total/NA | Solid | 8015D | 39826 |
| 885-39362-2 | FS14R@2' | Total/NA | Solid | 8015D | 39826 |
| MB 885-39826/1-A | Method Blank | Total/NA | Solid | 8015D | 39826 |
| LCS 885-39826/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 39826 |

### Analysis Batch: 40128

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-39362-1 | FS15R@4' | Total/NA | Solid | 8021B | 39826 |
| 885-39362-2 | FS14R@2' | Total/NA | Solid | 8021B | 39826 |
| MB 885-39826/1-A | Method Blank | Total/NA | Solid | 8021B | 39826 |
| LCS 885-39826/3-A | Lab Control Sample | Total/NA | Solid | 8021B | 39826 |

## GC Semi VOA

### Prep Batch: 39831

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-39362-1 | FS15R@4' | Total/NA | Solid | SHAKE | |
| 885-39362-2 | FS14R@2' | Total/NA | Solid | SHAKE | |
| MB 885-39831/1-A | Method Blank | Total/NA | Solid | SHAKE | |
| LCS 885-39831/2-A | Lab Control Sample | Total/NA | Solid | SHAKE | |

### Analysis Batch: 39905

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-39362-1 | FS15R@4' | Total/NA | Solid | 8015D | 39831 |
| 885-39362-2 | FS14R@2' | Total/NA | Solid | 8015D | 39831 |
| LCS 885-39831/2-A | Lab Control Sample | Total/NA | Solid | 8015D | 39831 |

### Analysis Batch: 39967

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 885-39831/1-A | Method Blank | Total/NA | Solid | 8015D | 39831 |

## HPLC/IC

### Prep Batch: 39869

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-39362-1 | FS15R@4' | Total/NA | Solid | 300_Prep | |
| 885-39362-2 | FS14R@2' | Total/NA | Solid | 300_Prep | |
| MB 885-39869/1-A | Method Blank | Total/NA | Solid | 300_Prep | |
| LCS 885-39869/2-A | Lab Control Sample | Total/NA | Solid | 300_Prep | |

### Analysis Batch: 39888

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 885-39362-1 | FS15R@4' | Total/NA | Solid | 300.0 | 39869 |
| 885-39362-2 | FS14R@2' | Total/NA | Solid | 300.0 | 39869 |

# QC Association Summary

Client: Enduring Resources
Job ID: 885-39362-1
Project/Site: W Lybrook 2309 24N SWD

## HPLC/IC (Continued)

### Analysis Batch: 39888 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 885-39869/1-A | Method Blank | Total/NA | Solid | 300.0 | 39869 |
| LCS 885-39869/2-A | Lab Control Sample | Total/NA | Solid | 300.0 | 39869 |

# Lab Chronicle

Client: Enduring Resources
Job ID: 885-39362-1
Project/Site: W Lybrook 2309 24N SWD

## Client Sample ID: FS15R@4'
**Lab Sample ID: 885-39362-1**
**Date Collected: 12/10/25 12:05**
**Matrix: Solid**
**Date Received: 12/11/25 05:47**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 39826 | VP | EET ALB | 12/12/25 09:17 |
| Total/NA | Analysis | 8015D | | 1 | 40127 | VP | EET ALB | 12/18/25 14:30 |
| Total/NA | Prep | 5030C | | | 39826 | VP | EET ALB | 12/12/25 09:17 |
| Total/NA | Analysis | 8021B | | 1 | 40128 | VP | EET ALB | 12/18/25 14:30 |
| Total/NA | Prep | SHAKE | | | 39831 | DR | EET ALB | 12/12/25 10:15 |
| Total/NA | Analysis | 8015D | | 1 | 39905 | EM | EET ALB | 12/15/25 14:38 |
| Total/NA | Prep | 300_Prep | | | 39869 | JT | EET ALB | 12/12/25 16:38 |
| Total/NA | Analysis | 300.0 | | 10 | 39888 | JT | EET ALB | 12/14/25 16:03 |

## Client Sample ID: FS14R@2'
**Lab Sample ID: 885-39362-2**
**Date Collected: 12/10/25 12:15**
**Matrix: Solid**
**Date Received: 12/11/25 05:47**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 39826 | VP | EET ALB | 12/12/25 09:17 |
| Total/NA | Analysis | 8015D | | 1 | 40127 | VP | EET ALB | 12/18/25 14:54 |
| Total/NA | Prep | 5030C | | | 39826 | VP | EET ALB | 12/12/25 09:17 |
| Total/NA | Analysis | 8021B | | 1 | 40128 | VP | EET ALB | 12/18/25 14:54 |
| Total/NA | Prep | SHAKE | | | 39831 | DR | EET ALB | 12/12/25 10:15 |
| Total/NA | Analysis | 8015D | | 1 | 39905 | EM | EET ALB | 12/15/25 14:49 |
| Total/NA | Prep | 300_Prep | | | 39869 | JT | EET ALB | 12/12/25 16:38 |
| Total/NA | Analysis | 300.0 | | 10 | 39888 | JT | EET ALB | 12/14/25 16:17 |

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

# Accreditation/Certification Summary

Client: Enduring Resources
Job ID: 885-39362-1
Project/Site: W Lybrook 2309 24N SWD

## 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 | 02-25-26 |

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 (GRO)-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 | 02-25-26 |

Released to Imaging: 6/17/2026 3:35:10 PM
Received by OCD: 6/12/2026 11:37:42 AM

**Eurofins Albuquerque**
4901 Hawkins NE
Albuquerque, NM 87109
Phone (505) 345-3975

# Chain of Custody Record

eurofins | Envir

885-39362 COC

| Client Information | Sampler: Tracy Dombrowski | Lab PM: | Carrier Tracking No(s): | COC No: |
|---|---|---|---|---|
| Client Contact: | Phone: (720)989-6175 | E-Mail: tdombrowski@ensolum.com | State of Origin: NM | Page: 1 of 1 |
| Company: Enduring Resources | PWSID: | | | Job #: |

| Address: | Due Date Requested: |
|---|---|
| City: | TAT Requested (days): Standard / 5 day |
| State, Zip: | Compliance Project: Δ Yes Δ No |
| Phone: | PO #: |
| Email: | WO #: |
| Project Name: Wolybrook 2309 24N SWD | Project #: |
| Site: | SSOW#: |

**Analysis Requested**

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | BTEX | TPH | Chloride | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Preservation Code: | | | | | | | | | | | |
| FS15R @ 4' | 12/10/25 | 1205 | | Soil | | | X | X | X | | |
| FS14R @ 2' | 12/10/25 | 1215 | | Soil | | | X | X | X | | |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Please CC: dburns@ensolum.com

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | | 12/10/25 / 1610 | Ensolum | | 12/10/25 1610 | Eurofins |
| 2 | | 12/10/25 1730 | Eurofins | courier | 12/11/25 5:47 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.9 to 0.2 = 2.1 Ice

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: Enduring Resources Job Number: 885-39362-1

**Login Number: 39362** **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. | N/A | |

ENSOLUM

# ATTACHMENT 2

# Referenced Well Record

Received by OCD: 6/12/2026 11:37:42 AM


Revised December 1975

IMPORTANT — READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

HC-107868

# Declaration of Owner of Underground Water Right

232055

SAN JUAN UNDERGROUND WATER BASIN
BASIN NAME

Declaration No. SJ-1710 Date received April 29, 1983

STATEMENT

1. Name of Declarant U. S. Dept. of Interior, Bureau of Land Management
   Mailing Address P. O. Box 568, Farmington, New Mexico 87499-0568
   County of San Juan, State of New Mexico
2. Source of water supply Ojo Alamo Sandstone
   (artesian or shallow water aquifer)
3. Describe well location under one of the following subheadings:
   a. ____ ¼ NW ¼ SW ¼ of Sec. 25 Twp. 23 N. Rge. 9 W. N.M.P.M., in San Juan County.
   b. Tract No. ____ of Map No. ____ of the ____.
   c. X = ____ feet, Y = ____ feet, N. M. Coordinate System ____ Zone ____ in the ____ Grant.
   On land owned by Bureau of Land Management (see address above)
4. Description of well: date drilled 8/19/63-1/27/64 driller Van R. Turner Drilling Co. depth 550 feet. outside diameter of casing 6 5/8 inches; original capacity 18 gal. per min.; present capacity 18 gal. per min.; pumping lift 277 feet; static water level 173 feet (~~artesian~~) (below) land surface; make and type of pump 1 7/8 inch cylinder (plunger type)
   make, type, horsepower, etc., of power plant 14 foot diameter aermotor windmill
   Fractitional or percentage interest claimed in well 100% (all)
5. Quantity of water appropriated and beneficially used ____ (acre feet per acre) 15 (acre feet per annum) for livestock and wildlife purposes.
6. Acreage actually irrigated N/A acres, located and described as follows (describe only lands actually irrigated):

| Subdivision | Sec. | Twp. | Range | Acres Irrigated | Owner |
|---|---|---|---|---|---|
| | | | | | |
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(Note: location of well and acreage actually irrigated must be shown on plat on reverse side.)

7. Water was first applied to beneficial use 1 (month) 27 (day) 1964 (year) and since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows: ____

8. Additional statements or explanations Kee Well (see Log of Well and Project Completion Report)

I, Farmington Resource Area Manager being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

Jim Sims, declarant.

by: ____

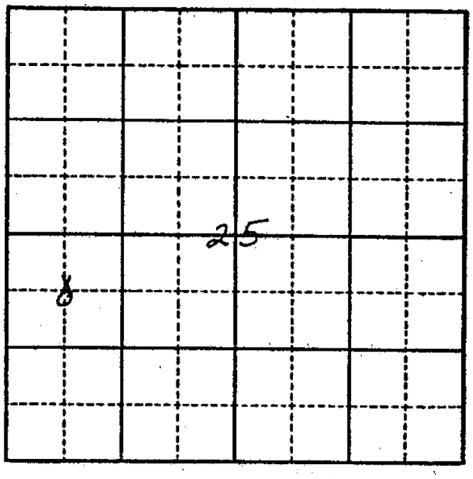
Subscribed and sworn to before me this 25 day of April, A.D. 1983

My commission expires April 13, 1987 Shirley A. Davenport Notary Public

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Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) 25, Township 23 N., Range 9 W. N. M. P. M.




## INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a $1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest 2½ acre subdivision. If located on unsurveyed lands, describe by legal supdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.

Received by OCD: 6/12/2026 11:37:42 AM


IN REPLY REFER TO
7421

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
P.O. BOX 568
FARMINGTON, NEW MEXICO 87499-0568

APR 28 1983

New Mexico State Engineer
District I Office
2340 Menaul, NE, Suite 206
Albuquerque, New Mexico 87107-1884

Dear Sir:

Enclosed, please find Declaration of Owner of Underground Water Right for sixteen of our wells for livestock and wildlife watering purposes. Sixteen dollars are enclosed for filing fees.

If you have any questions, please call Dana Shuford of our staff (505-325-3581).

Sincerely yours,

acting Jim Sims
Area Manager

Enclosures

83APR29 A10:34
STATE ENGINEER OFFICE
DISTRICT I
ALBUQUERQUE, N. MEX.

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ENSOLUM

# ATTACHMENT 2

# Regulatory Agency Correspondence

**From:** Wells, Shelly, EMNRD
**To:** Stuart Hyde
**Cc:** Tim Friesenhahn; Heather Huntington; Steve Kahn; Danny Burns; Greg Palese
**Subject:** RE: [EXTERNAL] nAPP2505939388 - Enduring W Lybrook 2309 24N SWD 001 Extension Request
**Date:** Friday, May 8, 2026 2:50:56 PM
**Attachments:** image001.png
image002.png
image003.png

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[ **EXTERNAL EMAIL**]

Good afternoon Stuart,

A 90-day extension is approved for nAPP2505939388 W LYBROOK 2309-24N SWD-001. This will be the final extension. A complete and accurate report is due to OCD no later than August 7, 2026. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

---

**From:** Stuart Hyde <shyde@ensolum.com>
**Sent:** Friday, May 8, 2026 10:51 AM
**To:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
**Cc:** Tim Friesenhahn <tfriesenhahn@enduringresources.com>; Heather Huntington <hhuntington@enduringresources.com>; Steve Kahn <skahn@ensolum.com>; Danny Burns <dburns@ensolum.com>; Greg Palese <gpalese@ensolum.com>
**Subject:** [EXTERNAL] nAPP2505939388 - Enduring W Lybrook 2309 24N SWD 001 Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Shelly,

To address your comments in the rejection below, Enduring is scheduled to drill a well to

assess depth to water near the W Lybrook 2309 24N SWD 001 site. In order to complete this work and resubmit the appropriate report, we are requesting a 90-day extension to the May 11, 2026 reporting deadline outlined below. If approved, the new deadline would be Friday August 7, 2026.

Please reach out with any questions. Thanks.

**Stuart Hyde, PG**
*(Licensed in TX, WA, & WY)*
Senior Managing Geologist
970-903-1607
Ensolum, LLC

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

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**From:** OCDOnline@emnrd.nm.gov <OCDOnline@emnrd.nm.gov>
**Sent:** Friday, April 10, 2026 11:35 AM
**To:** Heather Huntington <Hhuntington@enduringresources.com>
**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 560336

To whom it may concern (c/o Heather Huntington for ENDURING RESOURCES, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2505939388,
for the following reasons:

- **Remediation closure denied for the following reasons:**
- **1) Depth to groundwater is not confirmed. If nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, data must be no more than 25 years old, and well construction information must be provided. If evidence of depth to ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less. There are impacts remaining at SW03 and FS14R@2' that require deferral.**
- **Submit a deferral request to OCD by 5/11/2026.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 560336.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Shelly Wells
Environmental Specialist-A
505-469-7520
Shelly.Wells@emnrd.nm.gov

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

ENSOLUM

# ATTACHMENT 3

# Drilling Log

Received by OCD: 6/12/2026 11:37:42 AM


One Call # 26M1200334

# Ground Bed Drilling Log

Company: Enduring Resources  Well: WLU 2309 24N Federal SWD001  Date: 5/23/26

Location: _____  State: NM  Rig: Story #1

Ground Bed Depth: 120 ft  Water Depth: NO Water  Diameter: 8"

Fuel: _____  Latitude: 36.20635°N  Longitude: 107.74192°W

Shown in Picture #5

| DEPTH | FORMATION | OTHER |
|---|---|---|
| 0-10 | Sand Stone, Shale, Sand w/ Shale w/ Sand | Video #4 shows cuttings every 10ft |
| 10-30 | Sand Stone, Shale, Sand w/ Shale w/ Sand | |
| 30-60 | Sand Stone, Shale, Sand w/ Shale w/ Sand | |
| 60-100 | Sand Stone, Shale, Sand w/ Shale w/ Sand | |
| 100-115 | Sand Stone, Shale, Sand w/ Shale w/ Sand | |
| 115-120 | Sand Stone, Shale, Sand w/ Shale w/ Sand | |
| | Sand Stone, Shale, Sand w/ Shale w/ Sand | |
| | Sand Stone, Shale, Sand w/ Shale w/ Sand | |
| | Sand Stone, Shale, Sand w/ Shale w/ Sand | |
| | Sand Stone, Shale, Sand w/ Shale w/ Sand | |

## GROUNDWATER DEPTH LOG

Company: Enduring Resources  Location: WLV 2309 24N Fed. SWD001

Probe type: Rivers Elec. Probe

| Date | Time | Depth | Comments |
|---|---|---|---|
| 5/23/26 | 8:09 AM | 120' | Reached TD 120ft at 8:09 AM as shown in video #1 |
| 5/26/26 | 8:48 AM | 0-120' | Tested hole with water well probe as shown in video #2&3 no water detected from 0-120' |
| | | | |
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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 595060

## QUESTIONS

| | |
|---|---|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286 |
| | Action Number:<br>595060 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2505939388** |
| Incident Name | **NAPP2505939388 W LYBROOK 2309-24N SWD-001 @ 30-045-38292** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Remediation Closure Report Received** |
| Incident Well | **[30-045-38292] W LYBROOK 2309 24N SWD #001** |

| **Location of Release Source** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Site Name | W LYBROOK 2309-24N SWD-001 |
| Date Release Discovered | 02/24/2025 |
| Surface Owner | Federal |

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

| **Nature and Volume of Release** | |
|---|---|
| *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Human Error \| Valve \| Produced Water \| Released: 48 BBL \| Recovered: 0 BBL \| Lost: 48 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | *Not answered.* |

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# Energy, Minerals and Natural Resources
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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286 |
| | Action Number:<br>595060 |
| | Action Type:<br>[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:**<br>**(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: Heather Huntington<br>Title: Permitting Tech<br>Email: hhuntington@enduringresources.com<br>Date: 06/12/2026 |

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286 |
| | Action Number:<br>595060 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Site Characterization** | |
|---|---|
| *Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | Direct Measurement |
| 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 ½ and 1 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between ½ and 1 (mi.) |
| Any other fresh water well or spring | Between ½ and 1 (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 | None |
| 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** | | |
|---|---|---|
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | | |
| Requesting a remediation plan approval with this submission | | Yes |
| *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.* | | |
| 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) | 1600 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 49 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 9 |
| BTEX | (EPA SW-846 Method 8021B or 8260B) | 0.1 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 0.1 |
| | | |
| *Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.* | | |
| On what estimated date will the remediation commence | | 04/16/2025 |
| On what date will (or did) the final sampling or liner inspection occur | | 12/10/2025 |
| On what date will (or was) the remediation complete(d) | | 12/10/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | | 2621 |
| What is the estimated volume (in cubic yards) that will be reclaimed | | 442 |
| What is the estimated surface area (in square feet) that will be remediated | | 2621 |
| What is the estimated volume (in cubic yards) that will be remediated | | 442 |
| *These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.* | | |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | | |

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

General Information
Phone: (505) 629-6116

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286 |
| | Action Number:<br>595060 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| | |
|---|---|
| **Remediation Plan (continued)** | |
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| **This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:** | |
| *(Select all answers below that apply.)* | |
| (Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for **off-site** disposal | fSC00000000048 ENVIROTECH |
| **OR** which OCD approved well (API) will be used for **off-site** disposal | *Not answered.* |
| **OR** is the **off-site** disposal site, to be used, out-of-state | *Not answered.* |
| **OR** is the **off-site** disposal site, to be used, an NMED facility | *Not answered.* |
| (Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms) | *Not answered.* |
| (In Situ) Soil Vapor Extraction | *Not answered.* |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | *Not answered.* |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | *Not answered.* |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | *Not answered.* |
| Ground Water Abatement pursuant to 19.15.30 NMAC | *Not answered.* |
| OTHER (Non-listed remedial process) | *Not answered.* |
| *Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.* | |
| | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: Heather Huntington<br>Title: Permitting Tech<br>Email: hhuntington@enduringresources.com<br>Date: 06/12/2026 |
| *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.* | |

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286 |
| | Action Number:<br>595060 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

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

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286 |
| | Action Number:<br>595060 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Sampling Event Information** | |
|---|---|
| Last sampling notification (C-141N) recorded | **467326** |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | **05/29/2025** |
| What was the (estimated) number of samples that were to be gathered | **3** |
| What was the sampling surface area in square feet | **600** |

| **Remediation Closure Request** | |
|---|---|
| *Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.* | |
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | **Yes** |
| Was this release entirely contained within a lined containment area | **No** |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 2621 |
| What was the total volume (cubic yards) remediated | 442 |
| 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 | 2621 |
| What was the total volume (in cubic yards) reclaimed | 442 |
| Summarize any additional remediation activities not included by answers (above) | NONE |

*The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Heather Huntington<br>Title: Permitting Tech<br>Email: hhuntington@enduringresources.com<br>Date: 06/12/2026 |

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 (continued)

| | |
|---|---|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286 |
| | Action Number:<br>595060 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

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

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# State of New Mexico
# Energy, Minerals and Natural Resources
# Oil Conservation Division
# 1220 S. St Francis Dr.
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CONDITIONS

Action 595060

## CONDITIONS

| | |
|---|---|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286 |
| | Action Number:<br>595060 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scwells | None | 6/17/2026 |