



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
KNOXVILLE ENVIRONMENTAL FIELD OFFICE
DIVISION OF MINERAL & GEOLOGIC RESOURCES – MINING SECTION
3711 MIDDLEBROOK PIKE
KNOXVILLE, TENNESSEE 37921-6538
PHONE (865) 594-6035 STATEWIDE 1-888-891-8332 FAX (865) 594-6105

Mining Facility Inspection Report

The information contained within this document is supplemental to the inspection record(s) for this facility located online. A link to the online record is provided at the end of this document.

Inspector: Bonnie Craighead

Secondary inspector: Chris Pracheil

Inspection start date and time: June 15, 2023 11:40 AM

Inspection end date and time: June 15, 2023 1:15 PM

NOTE: Provided times are local to the inspected facility. If inspection spanned multiple days, inspection may not have been continuous between start and end dates.

Facility location: 36.48865,-84.02153

Does this facility currently have an NPDES permit? Yes

NPDES permit number: TN0070408

NPDES Permit type: Individual

Inspection type: Follow-up

Was this an EPA 106 inspection? Yes

INSPECTION RESULTS: In Compliance

Site Observations

Criteria Applicable to All Inspections	Yes/ No / N/A
Facility has Permit	Yes
Site Currently Active	No
DMRs Submitted as Required	Yes
DMRs in Compliance	Yes
All Activity within Permit Boundary	No
Facility as Described in Permit	Yes
Sediment Basins as Planned	Yes
All Discharge Points Permitted	Yes
All Discharge Points Located Accurately	Yes
Wastewater Discharge Occurring	No
Storm Water Discharge Occurring	No
All Drainage Controlled through Basins or BMPs	Yes
Diversion Ditches Adequate	Yes
Stream Buffers Maintained	No

Inspection Narrative

A follow-up inspection was conducted after being notified by Mike Erp that Alden Resources, LLC seeded the toe of the landslide extending into the water feature on 6/2/2023. At the time of inspection the hydroseeded grass was several inches tall. Inspectors could not identify any sprouting or seeds from the wetland mix, but germination might have not occurred. The company also addressed the drainage issue on the pre-mining landslide as requested. The toe of the landslide extending into the water feature should be monitored and re-seeded with a cover such as annual rye if germination of the wetland mix does not occur.

TDEC will coordinate with the permittee to finalize the functional capacity units generated from the restoration efforts.

Images and/or maps:



36.48599, -84.01786 2023/06/15 12:06:57 61°

Item 1: Photo of the new stream channel constructed in the backfill on the left side of the head of the hollow.

Date/Time: 6/15/23, 12:06:54 PM
Location: Unavailable ± Unavailable WGS84
Altitude: Unavailable ± Unavailable
Direction: Unavailable
Address: Unavailable
Alden Resources



, 2023/06/15 12:06:54 °

Item 2: Photo of the channel in item 1 extending down to the existing stream.



36.4879, -84.01999 2023/06/15 12:40:06 354°

Item 3: Photo of the regraded landslide and the ditch constructed down it. The hydroseeded grass is growing well.



36.48866, -84.01984 2023/06/15 12:45:09 296°

Item 4: Photo of hand-seeded grass growing on the landslide towards the bottom of of the slide.

Date/Time: 6/15/23, 12:50:40 PM
Location: 36.48874°N 084.01985°W ± 8 m WGS84
Altitude: 459 m ± 17 m
Direction: SE (T)
Address: Unavailable
Alden Resources



36.48874, -84.01985 2023/06/15 12:50:40 114°

Item 5: Photo of the toe of the landslide extending into the water feature. At the time of inspection there was no obvious signs of seed germination of the wetland mix.



36.48891, -84.02131 2023/06/15 12:59:21 188°

Item 6: Photo of the new channel constructed through the pre-law landslide. The hydroseeded grass has germinated and is growing well.



36.48865, -84.02153 2023/06/15 13:07:02 190°

Item 7: Photo of the drainage area in the pre-law slide that has been connected to the constructed channel as requested by TDEC.



36.48863, -84.02151 2023/06/15 13:06:20 15°

Item 8: Additional photo of the constructed channel on the pre-law landslide.

Signature of TDEC inspector

Name of TDEC Inspector:

Bonnie Craighead

The complete permit record, including inspection data, may be found on the TDEC Public Dataviewer here:

https://dataviewers.tdec.tn.gov/dataviewers/f?p=2005:34051:3506451321854:::34051:P34051_PERMIT_NUMBER:TN0070408

Alternately, you may scan the following QR code with your smartphone:



If you have any questions, you may contact your inspector. You may also contact the Mining Section at **865-594-6035** or **TDEC.Mining@tn.gov**.

Thank you for helping to protect Tennessee's waters!