



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

## Mining Facility Inspection Report

**Inspector:** Bonnie Craighead

**Secondary inspector:** Chris Pracheil

**Inspection start date and time:** August 4, 2022 10:30 AM

**Inspection end date and time:** August 4, 2022 12:00 PM

*NOTE: If inspection spanned multiple days, inspection may not have been continuous between start and end dates.*

**Facility location:** 36.48795,-84.02115

**Does this facility currently have an NPDES permit?** Yes

**NPDES permit number:** TN0070408

**NPDES Permit type:** Individual

**Inspection type:** Compliance Evaluation Inspection (non-sampling) (CEI)

**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	Yes
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	Yes

### Inspection Narrative

This inspection was an OSMRE Phase 1 Bond Release inspection. Individuals present include Bonnie Craighead and Chris Pracheil with TDEC, Whitney Nash with OSMRE, and Mike Sharp and Gary Rose with Alden Resources, LLC. At the time of inspection both sediment ponds were receiving inflow but not discharging. The site is stable with established grass vegetation. Since the last inspection Mr. Rose has cleaned out the sumps along the haul road to improve storm water retention and treatment. During the inspection it was noted that a small sediment sump on the northwest side of the mine where mining had ended was full. Mr. Rose had equipment on site and agreed to clean out the sump and install water bars along the haul road where some washing was occurring. All sediment control structures and best management practices were installed and functioning as designed. This facility is in compliance with the NPDES permit.

### Images and/or maps:







36.48758 -84.0199 301.746632996633 2022/08/04 10:59:58

Photo 2: Photo of Pond 103. This pond was receiving inflow but not discharging at the time of inspection.



Date/Time: 2022-08-04 11:09:19-04:00  
Location: 36.48715°N 084.01974°W ± 10 m WGS84  
Altitude: 498 m ± 12 m  
Direction: 170 deg(T)  
Address: Unavailable



36.48714 -84.01974 169.68148781530567 2022/08/04 11:09:19

Photo 3: Photo showing the reclaimed highwall southeast of pond 103. The highwall has been regraded and seeded.



Date/Time: 2022-08-04 11:13:42-04:00  
Location: 36.48577°N 084.01791°W ± 5 m WGS84  
Altitude: 505 m ± 4 m  
Direction: 60 deg(T)  
Address: Unavailable



36.48576 -84.01791 60.00167404041612 2022/08/04 11:13:42

Photo 4: Additional photo showing the coninuation of the reclaimed highwall along the bench.





36.48583 -84.01787 11.700095540419762 2022/08/04 11:13:55

Photo 5: Final photo of the continuation of highwall reclamation.





36.48703 -84.01826 301.86252771618626 2022/08/04 11:23:03

Photo 6: Sump at the end of the highwall to be cleaned. This sump receives a small amount of drainage from the dirt haulroad.





36.48952 -84.02298 193.52649191299497 2022/08/04 11:44:44

Photo 7: Photo of one of several sumps that have been cleaned out along the haulroad.

**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/pls/enf\\_reports/f?p=9034:34051::::34051:P34051\\_PERMIT\\_NUMBER:TN0070408](https://dataviewers.tdec.tn.gov/pls/enf_reports/f?p=9034:34051::::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!*