

**BOWIE RESOURCES, LLC**  
**Bowie No. 2 Mine**  
**Coal Mine Waste Bank Nos. 1, 2, & 3 Inspections 2<sup>nd</sup> Quarter 2024**

On June 27th, 2024, a visual inspection of the Bowie No. 2 Mine coal mine waste banks was performed by the undersigned in accordance with Rule 4.10.2. This inspection includes Gob Pile Nos. 1, 2, and 3. Pile No. 1 is considered inactive. Pile no. 2 is located north of Bowie Road and is currently idle. Pile no. 3 is located south of Bowie Road. Pile No.4 has been reclaimed and is inactive.

I, Tamme Bishop, P.E., have a wide variety of experience in the design and construction of earth fill embankments. Nothing was observed during the inspection that would indicate the piles have a potential for failure. The slips discussed in the 4Q 2016 and 1Q 2017 report have been regraded to the design contours and had shown no evidence that would be cause for concern of slipping again. However, the mine site received a significant amount of rain and snow over the winter months. A blowout of gob material occurred on March 16, 2023 in the same location as one of the blowout/slide areas in the 1Q of 2017. The location of the blowout is north and west of the topsoil stockpile and located on the second bench of gob pile #4. The area was not within the reclaimed portions of gob pile #4. The height of the blowout is approximately seven feet, and the width is approximately 10 feet. The area appears to be localized.

Buckhorn Geotech inspected the area on March 29 and again on June 20 and submitted a report that was attached to the second quarter 2023 certification. Buckhorn did a thorough job in evaluating the site and made a few key recommendations, most importantly to manage drainage above and below the blowout location.

BRL repaired the blowout area in the 2Q with a design that mimics the design of underdrains at the gob pile #2 area as shown in the PAP Volume IX, page 9.

Gob Pile #2: A small area of seepage discussed in past reports at the toe of gob pile #2 and west of the haul road was not actively seeping during the inspection. There is still no movement associated with the seep and nothing seen during the inspection that would indicate the pile has a potential for failure. The aforementioned seep was first documented in 2Q of 2016. Since that time, the seep has not increased noticeably in flow and has not caused any instability in the pile. This area will continue to be monitored and discussed as needed in quarterly reports. be monitored and discussed as needed in quarterly reports.

There are no windrows remaining on top of gob pile #2. All organic material and topsoil has been removed ahead of the waste bank founding. Both the East and West upper diversion ditches were cleaned out during the third quarter of 2022 and were in good repair.

At gob pile #2, the first bench east of the haul road is covered with soil. The second bench east of the haul road is mostly covered with a subsoil pile. Most of the third and fourth benches east of the road are covered with soil. Soil has been placed on most of the second, third, fourth and fifth benches west of the haul road and east of gob pile #4.

The top of gob pile #2 can serve as a drying area for end dumped gob, however, no gob is