

STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY

Department of Natural Resources

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October 5, 2013

William A. Bear
Bowie Resources, LLC
P.O. Box 483
Paonia, CO 81428

John W. Hickenlooper
Governor

Mike King
Executive Director

Loretta E. Pineda
Director

Re: Bowie No. 2 Mine (Permit No. C-1996-083)
 Minor Revision No. 141 (MR- 141)
 Gob Pile #3: Waste Drying Area and Revised Disturbed Area Boundary

Dear Mr. Bear:

The Division has completed a preliminary adequacy review of the electronic advance copy of the minor revision application (MR-141) to be submitted by Bowie Resources, LLC (BRL) for the Bowie No. 2 Mine. The revision proposes to revise the disturbed area boundary of Gob Pile #3 and designate a gob drying area on Gob Pile #3. We have the following comments and questions regarding the application.

1. The map presented on proposed page 4c shows the proposed gob drying area will be on the area currently being used for gob disposal in Gob Pile #3. Prior to utilizing the area for temporary storage for gob drying, BRL will need to compact the existing gob such that the compacted surface is sloped toward the south/southeast to flow to Ditch J-3. This would help to ensure that water draining out of the end dumped gob material would not saturate the underlying compacted material. ***Please revise page 4a to indicate that the existing gob in the proposed gob drying area will be graded, sloped (with the proposed slope specified), and compacted in accordance with the requirements of Rule 4.10.1(3) prior to any material being end-dumped for drying.***
2. The cover letter for the revision indicates that the amount of un-compacted gob material placed in the drying area would be 200,000 cy. ***Please revise page 4a to indicate that the maximum amount of un-compacted gob in both refuse areas (Gob Pile #2 and Gob Pile #3) will not exceed 200,000 cy total, to ensure that the un-compacted material is not in excess of the amount on which the reclamation cost estimate (Rules 2.05.4(2)(b) and 3.02.2) is based.***
3. BRL has indicated that a technical revision will be submitted to clarify the operational configuration of Gob Pile #3. ***Please include, in that technical revision application:***
 - a. ***an updated geotechnical analysis to verify that the required factor of safety (1.5) will be met for the compacted gob beneath the end-dumped material in the gob drying***

area (Rule 4.10.4).

- b. Revised designs for Pond J and all ditches affected by the changes to the configuration of the coverfill and topsoil stockpiles and total disturbed area (Rules 4.05.3, 4.05.5, 4.05.6, 4.05.7, and 4.05.9).**
- c. Revised Volume II Maps 15-3, 20, 21-1, 21-3, and Volume XI Figure 1 to include the operational configuration of the coverfill and topsoil stockpiles, haul road location (truncated at the point that in-pit ramps begin), drainage ditches, and underdrain for Gob Pile #3 (Rules 2.05.2(2) and 2.05.3).**

If you have any questions or need additional information, please contact me.

Sincerely,



Susan L. Burgmaier
Environmental Protection Specialist

cc: Tamme Bishop, J.E. Stover & Associates