



**COLORADO**

**Division of Reclamation,  
Mining and Safety**

Department of Natural Resources

1313 Sherman Street, Room 215  
Denver, CO 80203

November 14, 2018

Mike Jones  
Teton Drilling, Inc.  
10422 Heinze Way  
P.O. Box 550  
Henderson, CO 80640

**RE: Dixie Mine, M-2015-028  
Technical Revision No. 2 (TR02), Adequacy Review No. 1**

Dear Mr. Jones:

The Colorado Division of Reclamation, Mining, and Safety (Division) received the above referenced technical revision on October 31, 2018. The following items will need to be addressed prior to the approval of the revision.

1. The applicant is proposing to conduct blasting at the site. In accordance with Rule 6.3.3(1)(o), an applicant who proposes to conduct blasting operations must demonstrate, through a geotechnical stability exhibit pursuant to Rule 6.5(4), that off-site areas will not be adversely affected by blasting during mining or reclamation operations. Please submit a geotechnical stability exhibit in accordance with Rule 6.5(4). Or, revise the mining plan to exclude blasting.
2. The Division's July 26, 2018 inspection report indicated the Operator had created a working pad area to facilitate the excavation of the trench. In creating the pad area, a two hundred foot highwall was created about 15 to 20 feet in height. This pad area and highwall was not discussed in the submitted technical revision. Please add a section to the mining plan to include the creation of the pad area. Please submit an updated Mining Plan Map in accordance with Rule 6.3.5(2) depicting this pad area.
3. The proposed revised reclamation plan does not account for the pad area created as discussed above and in the Division's July 26, 2018 inspection report. Please include a narrative of how the pad area will be reclaimed. The Division understands the applicant may use the same topsoiling and revegetation plan currently approved but it is unclear how the highwall will be backfilled and graded and stabilized. Please clarify this. Please update the reclamation plan map to account for the work pad area reclamation.
4. The Applicant is now proposing to conduct processing operations at the site. Please explain what will happen to the waste rock/tailings that will be created through the processing operation. Please explain the reclamation treatment of any waste rock dumps or tailings impoundments. Please include the required information of Rule 6.3.4(1)(e).



5. Page 2 of the mining plan indicates that rocks of sufficient size and character may be stored and sold separately as by-product of the operation. If a significant amount of this type of material is removed this could impact how the site is reclaimed particularly in regards to the post mine topography. If a highwall is planned to remain on the site please supply an engineering stability analysis for the proposed final reclaimed slopes/highwall in accordance with Rule 6.5(2). If enough material will remain on site to eliminate and grade the highwall, please commit to this.
6. Has a storm water permit been issued for this operation from the Colorado Department of Public Health and Environment? If so, please provide the Division a copy of the approved permit.
7. Has Clear Creek County approved the operation, if so please provide documentation to this effect?

The Division is required to issue a decision on the application by November 30, 2018. If you need additional time to address the items noted above, please request an extension of the decision date. If you have any questions feel free to contact me at (303) 866-3567, extension 8120.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jared Ebert", with a stylized flourish at the end.

Jared Ebert  
Environmental Protection Specialist III