



COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

March 1, 2019

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. 2

Dear Mr. Jones:

The Colorado Division of Reclamation, Mining, and Safety (Division) received a response to the first adequacy review on February 28, 2019. The following adequacy item was identified during the initial adequacy review for TR02. DRMS summarizes the applicant's response to the adequacy item and identified an issue that 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.
 - a. **Applicant Response:** The applicant provided a demonstration based on the weight of explosives to be detonated within any 8 millisecond window. The applicant indicates the closest structure to the proposed blasting site is 1,600 feet and based the maximum weight of explosives to be detonated within any 8 millisecond window on this distance.
 - b. **DRMS Response:** Based on a review of the sites location, there appears to be man-made structures southeast of the site about 800 feet away. This reduces the maximum weight of explosives that can be detonated within any 8 millisecond window. Please commit to limiting the weight in pounds to be detonated within any 8 millisecond window to be protective of the structures identified within 800 feet of the operation. Also, please commit to keeping records of each blast for at least five years. DRMS recommends following the blasting records required in Article 6, Section 6-1(U) of 7 C.C.R. 1101-9. These records will need provided to the DRMS upon request and/or during a site inspection.



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The Division is required to issue a decision on the application by close of business on March 1, 2019. 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