



**COLORADO**  
Division of Reclamation,  
Mining and Safety  
Department of Natural Resources

1313 Sherman Street, Room 215  
Denver, CO 80203

May 22, 2017

Stephen J. Cohen  
Cotter Corporation  
P.O. Box 1750  
Canon City, CO 81215

**RE: Schwartzwalder Mine; DRMS File No. M-1977-300; Technical Revision (TR-25)**

Dear Mr. Cohen,

The Division of Reclamation, Mining and Safety (Division) received Technical Revision - 25 for the above referenced operation on April 28, 2016. The decision date for this Technical Revision is May 29, 2017. The Division has reviewed the Technical Revision Application and has the following comments:

1. The Division acknowledges that Cotter will submit a revised Environmental Protection Plan within 60 days of the date of approval of Technical Revision No. 25 (TR-25), which incorporates any changes approved under TR-25.
2. Specify the type of liner which will be used for the secondary containment of the tanks located outside of the NWTP.
3. Section 3.14 of Technical Revision No. 25 states that a lined secondary containment berm will contain the reactor tank, as well as the backfill slurry tank and the molasses tank. Figure 3-2 only depicts the backfill slurry tank and the reactor tank within the secondary containment berm. Please clarify this discrepancy.
4. The Clean Water Tank, which is piped directly to the outfall in Ralston Creek, does not have a designated secondary containment berm. The Operator has stated secondary containment is not required since the contents of the tank are of discharge quality. The water which passes through the Clean Water Tank typically meets the discharge standards. However, it is possible that treated water could pass through the tank which does not meet the discharge standards. Please provide a technical justification for not having a designated secondary containment berm for the Clean Water Tank, or otherwise provide a design details for a designated secondary containment.



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This concludes the Division's adequacy review of this Technical Revision. Please remember that the decision date for this Technical Revision is May 29, 2017. As previously mentioned, if you are unable to provide satisfactory responses to any inadequacies prior to this date, it will be your responsibility to request an extension of time to allow for continued review of this Technical Revision. If there are still unresolved issues when the decision date arrives and no extension has been requested, the Technical Revision will be denied.

If you have any questions, please contact me at (303)866-3567 x8116.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mike C.", is positioned above the printed name.

Michael A. Cunningham  
Environmental Protection Specialist

CC: Wally Erickson, DRMS  
Ken Mushinski, Cotter Corporation