



COLORADO

**Division of Reclamation,
Mining and Safety**

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

August 11, 2017

Chris Gilbreath

Tri-State Generation and Transmission Association
12050 North Pecos St. Suite 100
Westminster, CO 80234

**Re: New Horizon Mine (Permit No. C-1981-008)
Technical Revision No. 80 (TR-80)
Adequacy Review**

Dear Mr. Gilbreath:

The Colorado Division of Reclamation, Mining and Safety (Division) received your application for TR-80 for the New Horizon Mine on July 13, 2017. The application was deemed complete on July 17, 2017. TR-80 is proposing to retain culverts as permanent features at the request of the landowner. The Division finished its review of the TR-80 application and has the following adequacy questions or comments:

Table 2.05.3(3)-3 Permit Area Culvert Designs, C130 – C181 and associated revised pages 35-38

Average Land Slope is characterized for each of the culverts C134-137.

- 1. Please clarify, for each of the above mentioned culverts, what slope that culvert lies at and include that information in the culvert descriptions.*
- 2. Please also include tailwater and max headwater ft. for Culverts 134-137.*
- 3. Please explain how maximum headwater elevation is arrived at.*

Table 2.05.3(3)-3 describes culverts C130 through C181. All culverts are described as CMP (corrugated metal pipe) with a specified diameter. DRMS finds that culverts 134 – 137 are described individually on pages 35 through 38 as HDPE (high density polyethylene pipes). Also, Bureau of Public Roads attachments (pgs. 23 – 30) specify C. M. Pipe (corrugated metal pipe) while revised pages submitted call out HDPE pipe.

- 4. Please clarify culvert materials for said culverts and update table 2.05.3(3)-3 as needed.*

At this time DRMS is unable to verify pipe designs as submitted for culverts 134-137. DRMS anticipates being able to verify pipe sizing once the above mentioned variables are provided.



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If you have any questions or need additional information, please contact me at (303) 866-3567 ext. 8142.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brock Bowles". The signature is fluid and cursive, with the first name "Brock" and last name "Bowles" clearly distinguishable.

Brock Bowles
Environmental Protection Specialist
brock.bowles@state.co.us