

June 28, 2023

Julie Mikulas  
Martin Marietta Materials, Inc.  
1800 N. Taft Hill Road  
Fort Collins, CO 80521

**RE: Adequacy Review No. 1; Technical Revision (TR-6) – Underdrain Design North Side G-I;  
Home Office Mine, Permit No. M-1977-439**

Dear Ms. Mikulas,

On June 16, 2023, the Division of Reclamation, Mining and Safety (Division/DRMS) received a request for Technical Revision (TR-6) for the underdrain design on the north side of G-I in response to a commitment made during the adequacy review and subsequent approval of AM-4 for the Home Office Mine, Permit No. M-1977-439. Please be advised that on July 17, 2023, the application for TR-6 may be deemed inadequate and denied unless the following clarification(s) or items are addressed to the Division's satisfaction.

1. In Adequacy Review Response No. 3, dated February 7, 2023, the Operator committed to monthly groundwater level monitoring and submitting those results on a quarterly basis. To date, the Division has not received any groundwater level monitoring data. Please submit all missing groundwater level monitoring data. At a minimum, the submittal shall include a well location map, table(s) that clearly define ground surface elevation for each well location, depth to groundwater from ground surface, graphs of groundwater levels over time, and a statement as to whether the groundwater level has been within 4-feet of ground surface and if so, for how long.
2. The Division recognizes where the G-I and G-II due to prior permitting, however the Technical Revision should be a stand-alone document. Please update with an index map that shows the complete permit boundary, identifies the permit acreage, and the locations of G-I and G-II.
3. What is the current construction status the West Underdrain?
4. Please clearly show on the maps the different underdrains, West and North and any others using different shading so it is clear what specific segment of underdrain is part of TR-6.



5. Please state whether or not the seepage analysis calculations contained in Adequacy Review Response No. 3 were used in the north side underdrain design.

This concludes the Division's adequacy review of your application. The Division reserves the right to further supplement this document with additional adequacy items and/or details as necessary.

The decision date for your application is set for **July 17, 2023**. If additional time is needed to respond, an extension request must be received by our Office by the decision date. If on the decision date, outstanding adequacy items remain, and no extension request has been received, your revision may be denied and the file terminated.

If you need additional information or have any questions, please contact me by telephone at **303-866-3567 x8114**, or by email at [patrick.lennberg@state.co.us](mailto:patrick.lennberg@state.co.us).

Sincerely,



Patrick Lennberg  
Environmental Protection Specialist

cc: Jared Ebert; DRMS

ec: Julie Mikulas, Martin Marietta, [Julie.Mikulas@martinmarietta.com](mailto:Julie.Mikulas@martinmarietta.com)