



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

February 6, 2024

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

**RE: Adequacy Review No. 2; Technical Revision (TR-7) – Hydraulic Evaluation of Ponds E-I and E-II;
Home Office Mine, Permit No. M-1977-439**

Dear Ms. Mikulas,

On January 26, 2024, the Division of Reclamation, Mining and Safety (Division/DRMS) received your responses to the Division's Adequacy No. 1 letter dated January 19, 2024 for Technical Revision (TR-7) for the Home Office Mine, Permit No. M-1977-439. Following the submittal Division staff, Rob Zuber, met with the Operator's consultants Andersen Consulting Engineers, Inc, Brian Smith, on February 5, 2024 to discuss the HEC-RAS model and associated report that was submitted as part of the Operator's response.

Based on staff's review of the results and other materials in the permit file (dikes shown on Exhibit F-4 submitted with AM-4), the Division has concluded that there is essentially a levee system that protects the site. This includes levees (a.k.a. dikes) or high ground on the west side and along the river, on the north side of the site. The following clarification(s) or items need to be addressed to the Division's satisfaction.

1. The Mining Plan (map in Exhibit C and text in Exhibit D) and the Water Information exhibit (Exhibit G) should be revised to include a discussion of the levees (or high ground) that prevent inundation of the area at the northwest corner of the site. The text should also include a commitment to maintain these structures (or elevated ground) to prevent future inundation.
2. To protect the northeast corner of the site, the operator should commit to filling the low area or should design and construct a spillway to allow for flows to enter and exit the pit without causing damage to the riverbank or pitside bank. The plan for this should be included in Exhibit G, possibly as an appendix. While either option is acceptable, the Division recommends the spillway option.
3. A discrepancy with terminology needs to be addressed. In the submitted materials for TR-07, the pit at the northwest side of the site is named E-II, and the pit at the southeast side is named E-I.



However, older materials in the file for this permit indicate that these are opposite: the northwest area is Pit E-I and the southeast area is E-II. An example of this is Exhibit C-4, submitted in 2021 for Amendment No. 4 (AM-4).

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 **February 15, 2024**. 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.

Sincerely,



Patrick Lennberg
Environmental Protection Specialist

cc: Jared Ebert, DRMS
Rob Zuber, DRMS

ec: Julie Mikulas, Martin Marietta, Julie.Mikulas@martinmarietta.com