



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

January 19, 2024

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

**RE: Adequacy Review No. 1; 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 16, 2024, the Division of Reclamation, Mining and Safety (Division/DRMS) received a request for Technical Revision (TR-7) for a hydraulic evaluation of Ponds E-I and E-II to pass 100-yr flood waters 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. The following clarification(s) or items need to be addressed to the Division's satisfaction.

1. Please provide the input files used to run the model. These input files should include (but not limited to) cross-sections of the topography used in the model, particularly sections CV, CW, and CX, which are in the vicinity of the Home Office Mine. Copies of the files maybe in the form of screen shots (in the form of PDFs). Include with these files a summary describing the inputs. It is acknowledged that some of this information has already been provided, but more detail is needed for a thorough review.
2. Please provide more details on the outputs from the model, including (but not limited to) graphics showing velocities. A particular point of interest is the velocity at the northeast corner of Pit E-I, which is the point where flow is predicted to enter the pit.
3. Please provide the actual electronic HEC-RAS files for the Division to run the model itself in the software.

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