



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

1313 Sherman St. Room 215
Denver, CO 80203

November 8, 2023

Neil Whitmer
Holcim-WCR, Inc
1687 Cole Blvd, STE 300
Golden CO 80401

RE: DRMS Permit M1973-021; Morrison Quarry; Technical Revision 9 (TR9) –
Adequacy Review Letter 2

Mr. Whitmer:

The Division of Reclamation, Mining and Safety received Technical Revision 9 (TR9) for the above listed permit on October 31, 2023. The decision date for this revision has been set for November 30, 2023. DRMS has completed the initial adequacy review of TR9, and as with most revisions, there are several items that will require clarification of the existing information or submittal of additional information.

This letter is intended to provide adequacy review comments for the “Final Phase III Drainage Report” provided as part of TR9. Review of the Geotechnical Stability Exhibit provided is still underway.

Please be advised that if you are unable to satisfactorily address any adequacy concerns identified before the current decision date of November 30, 2023, it will be your responsibility to request an extension of the review period. If there are outstanding issues that have not been adequately addressed prior to the end of the review period, and no extension has been requested, the Division must deny this revision.

With respect to the provided Final Phase III Drainage Report; please revise or address the following items as needed:

- 1) On page 5, the text states that Figure 1 shows the site location, drainage paths, drainage features, outfalls, and the surrounding major drainage ways. However, Figure 1 is primarily a site vicinity map. Please provide a figure (or figures) that clearly identifies all the items listed above in the text.



- 2) The text on page 7 states that Turkey Creek flows south into Bear Creek. This appears to be incorrect and should be revised.
- 3) Figure 2 on page 7 shows the site location as north of the Turkey Creek drainage basin, but this appears to conflict with text provided in the report. Please modify the text and/or the map for accuracy and consistency.
- 4) On page 11, the 100-year design storm (2.22 inches) appears to be a one-hour duration storm. Section 5.3 of the Jefferson County *Storm Drainage Design and Technical Criteria* suggests that a two-hour storm is more appropriate for this site, and the total rainfall should be 2.86 inches. Please either explain why the provided design storm of 2.22 inches is appropriate, or revise the design to use the value of 2.86 inches.

This letter shall not be construed to mean that there are no other technical issues in the submittal. Other issues may arise during the review process, or as additional information is supplied.

If you have any questions, please contact me at (303) 229-9414.

Sincerely,



Eric Scott
Environmental Protection Specialist

CC: Kate Garufi, HDR Engineering, Inc. via email