



## INTEROFFICE MEMORANDUM

Date: January 27, 2023

To: Tim Cazier, P.E., DRMS

From: Hunter Ridley, DRMS

**RE: Hayden Gravel Pit, Permit No. M-1987-164, Amendment No. 4 (AM-04)  
Request for Technical Review**

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Hi Tim,

On December 22, 2022, the Division of Reclamation, Mining and Safety received the Amendment No. 4 application (AM-04; see enclosed) from Oldcastle SW Group, inc. dba United Companies for the Hayden Gravel Pit in Routt County. The current Decision Date is set for April 5, 2023. The purpose of AM-04 is to expand the mine to add 173.05 acres (Pod 2 &3) to the existing 94.95 acres for a total of 268 acres. The proposed reclamation plan for the two new mining areas includes grading 2H:1V mining slopes and mining high walls using both cut and fill and backfill-pushup methods.

I am requesting your technical expertise in reviewing AM-04 to determine whether the information presented demonstrates stability of the proposed final highwall configuration through appropriate geotechnical and stability analyses, and that off-site areas will be protected with appropriate factors of safety incorporated into the analysis, in accordance with Rules 6.5(2) and (3). Additionally, I am requesting assistance in determining that hydrologic calculations and maps provided are sound in their suggestion that mined basins have sufficient storage capacity to contain discharge from a 100-YR storm event in accordance with Rules 6.4.7(2)(c). The relevant hydrologic information can be found in Exhibit G, Appendix G-1, and Map G-1. The relevant geotechnical information can be found after Exhibit S beginning on page GS-1. Please submit your review comments by **March 1, 2023** in the form of a Memorandum on Division letterhead.

Kind regards,  
Hunter

Encl: Amendment No. 4 (AM-04), received on December 22, 2022

Cc: Michael Cunningham, DRMS

