

May 15, 2024

Hunter Ridley
Environmental Protection Specialist
Colorado Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

Re: Technical Revision - Portland Limestone Quarry – File M-1977-344
Bear Creek Drainage – “OUTFALL” Area

Dear Ms. Ridley,

Per the Quarry Inspection conducted by Tim Cazier on July 19, 2023 regarding the “outfall” of the Bear Creek Diversion this letter serves as the Technical Revision regarding the regrading and final slope structure of the area of concern. The area of concern shown below:

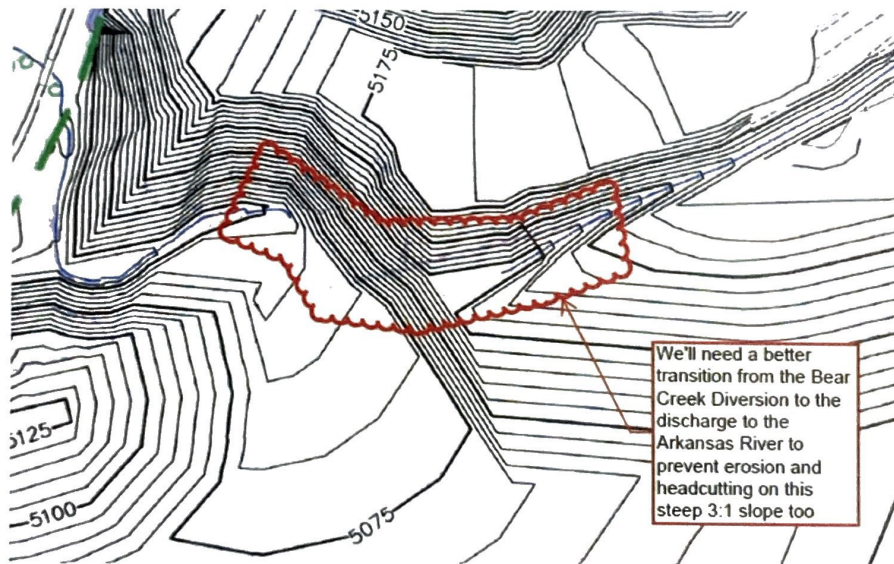


Figure 1. Map from Inspection Report Showing area of concern

As show in the figure above the slope is too steep on the south side of the Drainage “outfall”. It is Holcim’s proposal and intent that the slope will be regraded and the slope pulled back to a final 3H:1V1 during final reclamation as per Figure 2 and 2a.

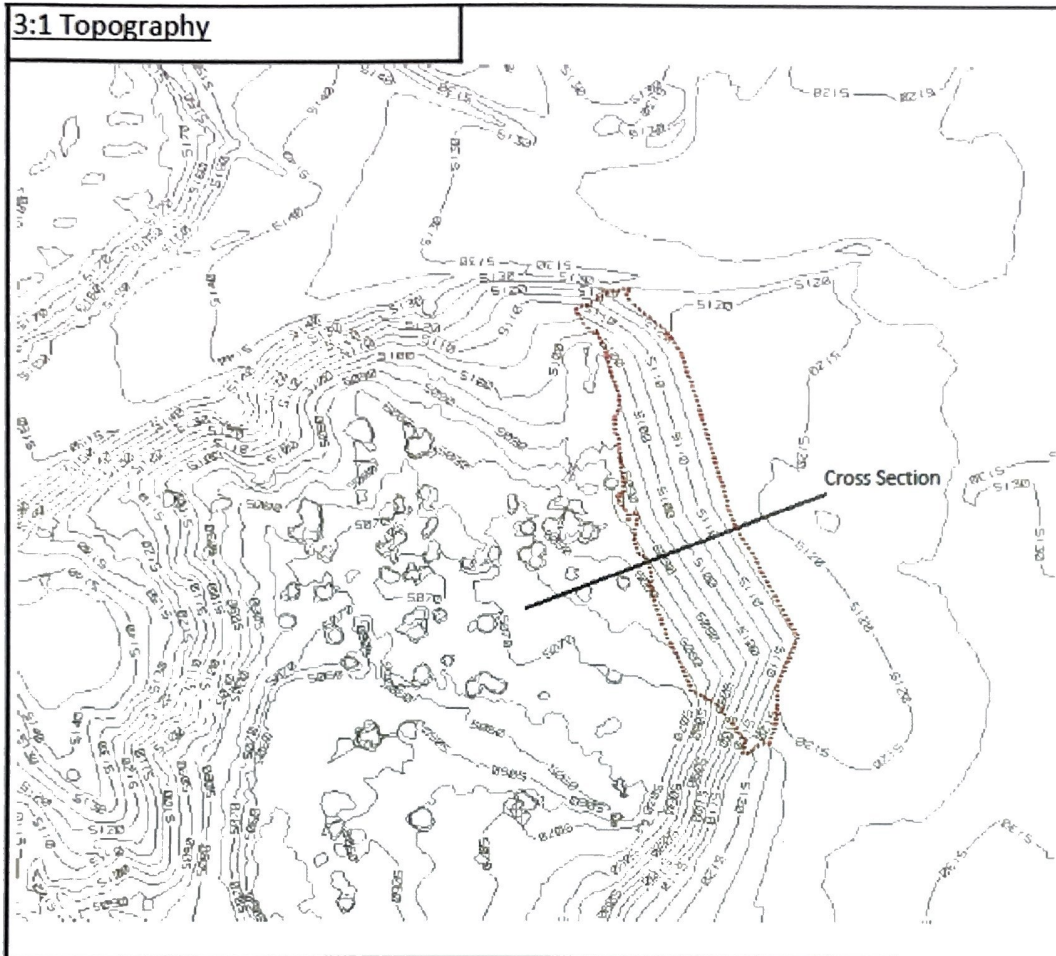


Figure 2 – Proposed Reclaimed Slope

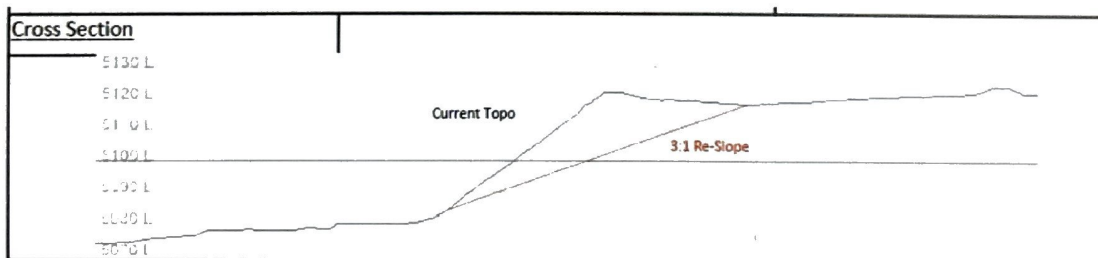


Figure 2a – Cross Section – Current Slope vs. 3:1 Reclaimed Slope

It is anticipated that final reclamation take place within the next 5 years aligned with concurrent reclamation activities.

Please feel free to contact me directly with any questions.

Respectfully submitted,



Michael B. Toelle
Manager of Raw Materials and Quarries
Holcim US – Manufacturing Support Organization

Cc: Timothy Smith – Quarry Manager