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July 11, 2025 Project No.: 19125

Holcim 1687 Cole Boulevard, Suite 300 Golden, CO 80401

Attention: Wyatt Webster & Kurt Thurmann

Environmental and Land Managers

Regarding: Daniels Sand Pit 2, Permit No. M-1973-007-SG

Slope Stability Monthly Monitoring Report

Mr. Webster and Mr. Thurmann,

Lithos Engineering (Lithos) has been retained by Holcim to implement a slope stability monitoring plan for the Fountain Mutual Ditch within Daniels Sand Pit 2. As required, Lithos is performing the last monitoring at the site. Stability monitoring is to occur as shown in the table below pending the State's review of these monitoring reports.

Monitoring Year	Reporting Frequency	Monitoring Report Due Dates
Year 1	Monthly	15 th of July 2022 through 15 th of June 2023
Year 2	Quarterly	9/15/2023, 12/12/2023, 3/15/2024, 6/15/2024
Year 3	Bi-Annual	December 15, 2024 and June 15, 2025
Final Report	One time	July 15, 2025

Lithos visited the site on July 8, 2025. And notes the following observations.

- 1) Several erosion gullies exist within the embankment slope. We recommend those areas be reconstructed ASAP and that the areas be seeded per the reclamation plan.
- 2) Weather: 85°, sunny, light wind
- 3) Visual observation of the Fountain Mutual Ditch and ditch road:
 - a) No tension cracks.
 - b) Vegetation growing on banks of ditch.
 - c) Shallow, flowing water.
 - d) Ditch access road not level/flat in a few areas. Ponding water present in a few locations. Fallen tree branches also present on road.
- 4) Visual observations of the Buttress Slope
 - a) The buttress slope varies from 3H:1V to 4H:1V. Some portions of the slope should be regraded.
 - b) Majority of the buttress is covered in natural vegetation/weeds.
 - c) Several locations show visible evidence of surface water runoff and expanding erosion gullies throughout the buttress. The erosion gullies are widespread along the buttress from east to

west, with a few located 2/3 up the slope and several feet wide and deep. The dimensions (width and depth) of individual erosion gullies have increased since the last site visit.

d) Several broken trees exist on the slope/buttress crest near the ditch access road.



Photo 1. Water flowing in ditch



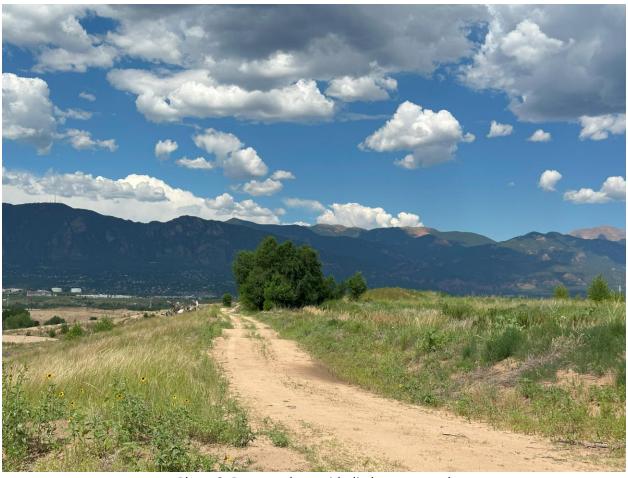


Photo 2. Buttress slope with ditch access road





Photo 3. Ditch invert





Photo 4. Erosion gullies in buttress





Photo 5. Ditch and access road looking east





Photo 6. Ditch and access road looking west





Photo 7. Erosion gullies in buttress





Photo 8. Erosion gullies in buttress





Photo 9. Erosion gully in buttress





Photo 10. Erosion gullies in buttress





Photo 11. Erosion gullies in buttress





Photo 12. Erosion gullies in buttress





Photo 13. Erosion gully in buttress





Photo 14. Erosion gullies in buttress





Photo 15. Erosion gullies in buttress





Photo 16. Erosion gully in buttress





Photo 17. Erosion gully in buttress





Photo 18. Erosion gullies in buttress





Photo 19. Erosion gully in buttress





Photo 20. Erosion gully in buttress





Photo 21. Erosion gullies in buttress





Photo 22. Erosion gully in buttress





Photo 23. Erosion gullies in buttress

If you have any questions regarding the contents of this report, please contact Lithos Engineering.

Sincerely,
Lithos Engineering/GEI Consultants



Sarah Myers Project Manager

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