

McClane Canyon Mining, LLC
McCLANE CANYON MINE

2021 IMPOUNDMENT YEARLY INSPECTION

In accordance with Rule 4.05.9(14), all impoundments shall be inspected at least yearly to determine if the impoundment has been maintained as designed, and in accordance with the approved plan and the applicable regulations. This yearly inspection is for the impoundment located at the McClane Canyon Mine.

On March 30, 2021, I performed the required yearly inspection. I, J. E. Stover, have a wide variety of experience in the design and construction of earth fill embankments. Nothing was observed during the inspection that would indicate the pond has a potential for failure. There was no appearance of erosion, instability, structural weakness or other hazardous conditions. There are no required monitoring procedures or instrumentation other than quarterly and yearly inspections. There are no aspects which might affect stability and there is no required maintenance. The sediment pond had a pool of water standing about seven feet below the invert of the primary spillway at elevation 5450. The pond/impoundment was not discharging during the inspection.

The required capacity of the sediment pond is 0.55 A-F. The required water capacity of the sediment pond is 0.36 A-F and the required sediment capacity is 0.19 A-F (ref. old Figure 2.2-3). The actual size of the pond exceeds the required capacities listed in the permit.

The sediment pond has the following estimated capacity based on the existing water level in the pond:

POND CAPACITY - ACRE FEET		
Water	Sediment	Total
0.67	0.28	0.95

To the best of my knowledge and belief, the impoundment/sediment pond at the McClane Canyon Mine has been maintained as designed and in accordance with the approved plan and applicable regulations.

James E. Stover
Colorado Professional Engineer
Registration No. 19230

