



## Greg Lewicki And Associates

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Dustin Czaplá  
Colorado Division of Reclamation, Mining and Safety  
1313 Sherman Street  
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**RE: 2019 Annual Report Pride of America Mine, Colorado Stone Quarries, M-1999-058**

Dustin:

Please find the attached Annual Report Map for the Pride of America Mine operated by Colorado Stone Quarries in Marble, Colorado. Daniel Penfield, CSQ Safety Manager, will submit their 2019 Annual Report when the reporting period opens online ~ August 20, 2019.

By August 1, 2019, the anticipated affected area will include 22.1 acres of disturbance. The increase in affected acreage is due to activities detailed in Technical Revision 5, approved by the DRMS October 11, 2018, coupled with initiation of mining east of Yule Creek and mining of the Franklin Quarry. 2018-2020 activities include: the relocation of Yule Creek and new haul road filling, road fill borrow material excavation, slope remediation, excavation of the Franklin and Roosevelt Quarry drill pads, blasting to start mining in the Franklin Quarry, and preparation of mining activities in the Franklin Quarry. The Roosevelt, Adams, and Hamilton Quarries, as shown on the 2019 Report Map, were previously unnamed in the permit file and are now named and planned quarrying efforts.

TR-5 details road fill borrow material excavation completed to create adequate road fill material to bring the new haul road up to design grade. A loose colluvium veneer was removed from exposed bedrock on the east side of Yule Creek to the extent an excavator could safely reach. Following initial colluvium excavation, safety concerns lead to the removal of a higher than anticipated volume. A bench is under construction to catch any remaining colluvium outside the extent of safe excavator reach. This colluvium trap will be cleared out as needed by an excavator. Reclamation of the road fill excavation area will be weather dependent bedrock washing and volunteer vegetation growth in the exposed bedrock outcrop similar to the surrounding hillside. No topsoil or overburden was recovered as all colluvium material was strictly moraine.

Slope remediation between the current/old haul road in the new/under development haul road was completed to ensure the safety of the new haul road. Near vertical loose bedrock was hanging unchecked above the new haul road. Slope remediation includes washing via weather

events of the exposed and secure bedrock. Volunteer vegetation growth will be allowed to mimic vegetation of the adjacent slopes. No topsoil or overburden was recovered as the slope was exclusively bedrock slopes with native trees and shrubs perched within the cracks of the bedrock slope.

Above average snowpack and delayed snowmelt has impacted operations at the Pride of America Mine. The Yule Creek diversion channel was armored with waste marble blocks prior to creek relocation; however, high flows through the site compromised and moved armoring measures employed in the diversion trend. As high summer creek flows lower, repair and maintenance of Yule Creek diversion armoring will occur along the entire diversion trend. Repairs will be made as soon as heavy equipment can access the creek without threat of additional erosion resulting from earthworks.

Affected acreage for the 2018-2019 Annual Report detailed 0.2 acres of newly affected lands would occur. However, this value does not reflect later changes featured in TR-5 nor does it account for mine plan changes regarding the Roosevelt and Franklin Quarries. TR-5 addressed changes required by Gunnison County to reopen the historic Yule Creek Trail through the permit area as well as the resultant creek relocation, haul road relocation – haul road fill excavation and slope remediation, and walking trail creation.

Core holes completed in the fall of 2018 will not be plugged and abandoned as they lie within the extraction envelope of the future mining areas, the Franklin and Roosevelt Quarries, and could be used in wire saw excavation. See the 2019 Annual Report Map for core hole locations.

Please do not hesitate to contact me with questions or concerns.

Cheers,

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Cc: Daniele Treves and Daniel Penfield