



Response to 110(1) Hard Rock Reclamation Permit Application

DATE: July 10, 2019
TO: Elliott R. Russell, Environmental Protection Specialist
FROM: Sarah Brucker, P.E. *SB*
RE: LGPD2 Mine, File No. M-2019-026
Applicant/Operator: Michael Royer
Phone Number: (970) 470-0973
SW¼ SE¼ Section 17, Twp 12 South, Rng 71 West, 6th P.M., Park County

CONDITIONS FOR APPROVAL

- ☒ The proposed operation does not anticipate exposing groundwater. Therefore, exposure of groundwater must not occur during or after mining operations.
- ☒ If water will be used for any purpose at this site, the applicant will need to document that the water was obtained from a legal source, or was diverted in priority under a water right decreed for such mining/industrial use.
- ☒ Any stormwater runoff intercepted by this operation that is not diverted or captured in priority must be released to the stream system within 72 hours.

COMMENTS: The subject application is for a surface mining operation on 3.67 permitted acres located approximately 1½ miles north of Lake George, Colorado. The primary commodities to be mined at the site are gem quartz, fluorite, goethite, and amazonite. The site is proposed to be reclaimed to its current use of forestry upon completion of mining.

Mining will be conducted seasonally for a 2-3 week period in July/August, depending on weather conditions. Excavations will be to a depth of approximately 10 feet and are not anticipated to intercept groundwater.

If stormwater runoff is intercepted by this operation and is not diverted or captured in priority, it must infiltrate into the ground or be released to the stream system within 72 hours; otherwise, the operator must make replacements for evaporation.

No water will be needed during the mining operation, and no water impoundments will be constructed. A portable toilet will be used for sanitation purposes.

Based on the above, this office has no concerns regarding the proposed mining operation. The applicant may contact the State Engineer's Office with any questions.

