



COLORADO
Division of Water Resources
Department of Natural Resources

1313 Sherman Street, Room 821
Denver, CO 80203

Response to 110(2) Hard Rock Reclamation Permit Application

DATE: October 2, 2018
TO: Elliott R. Russell, Environmental Protection Specialist (elliott.russell@state.co.us)
CC: Division 1 Office, District 23 Water Commissioner
FROM: Colin Watson, P.E.
RE: Ten Percenter Claim, File No. M-2018-036
Applicant/Operator: ZyMin Corporation, (719) 634-2384
Section 2, Twp 12 South, Rng 71 West, 6th P.M., Teller County

CONDITIONS FOR APPROVAL

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

COMMENTS: The Ten Percenter Claim is located approximately 6 miles northeast of the town of Lake George, Colorado. The affected area for the surface mining operation will be approximately 9.1 acres in size and the primary commodities to be mined will be Amazonite, Smoky Quartz, Cleavandite and Columbite/Tantalite.

No processing of mineral specimens will take place on site and water consumption is estimated to be up to 20 gallons per person per day and will be used for personal consumption, debris removal and to wash specimens for evaluation. All water will be supplied from potable municipal sources.

The depth to groundwater at the site is estimated to be 15 feet and excavations will not reach this depth so no groundwater will be exposed. If stormwater runoff is intercepted by this operation and is not diverted or captured in priority, it must either infiltrate into the ground or be discharged to the stream system within 72 hours. If this does not occur the operator must make replacements for evaporation.

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.

