



STATE OF
COLORADO

Ebert - DNR, Jared <jared.ebert@state.co.us>

Colorado Rose Red Pit, M-1978-332 - AM02

Brucker - DNR, Sarah <sarah.brucker@state.co.us>

Fri, Jan 5, 2018 at 1:38 PM

To: Jared Ebert - DNR <jared.ebert@state.co.us>

Please see attached for comments. Thanks,

Sarah Brucker, P.E.
Water Resources Engineer



COLORADO
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M-1978-332 Colorado Red Rose Granite AM02.pdf

75K



1313 Sherman Street, Room 821
Denver, CO 80203

Response to 110 Construction Materials Reclamation Permit Amendment Application

DATE: January 5, 2018
TO: Jared L. Ebert, Environmental Protection Specialist (jared.ebert@state.co.us)
CC: Division 1 Office, District 5 Water Commissioner
FROM: Sarah Brucker, P.E. 
RE: Colorado Rose Red Granite Quarry, File No. M-1978-332 - AM02
Applicant/Operator: Colorado Rose Red Inc., (303) 823-6023
Section 33, Twp 4 North, Rng 71 West, 6th P.M., Larimer 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 maintain records to document that the water used for cutting and dust control operations at the site was obtained from a legal source.
- ☒ 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 Colorado Rose Red Granite Quarry is a stone quarry located approximately 7.6 miles northwest of Lyons, Colorado. The subject application seeks an amendment to add 8.99 acres to the currently permitted 1 acre, for a total permitted area of 9.99 acres. The application also seeks to change the mining method from drill and blast on the surface to water jet underground.

Water for operations at the site is obtained from the City of Estes Park's fire department's bulk water tap. The water is used when cutting rock, including to feed the water jet. A recycling pond captures any water leaving the cutting area. A second pond may be constructed to store more water for the water jet operation. If needed, additional water will be hauled from Estes Park and stored onsite for use for dust control purposes.

If stormwater runoff is intercepted by this operation and is not diverted or captured in priority, it must be infiltrate into the ground or be discharged to the stream system within 72 hours. This may require a discharge permit from CDPHE-WQCD. Otherwise, the operator must make replacements for evaporation.

Based on the above, this office has no objection to the proposed amendment. The applicant may contact the State Engineer's Office with any questions.

