



STATE OF  
COLORADO

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

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## Lamb Lakes, M-2018-039

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**Sarah Brucker - DNR** <sarah.brucker@state.co.us>  
To: Jared Ebert - DNR <jared.ebert@state.co.us>

Tue, Aug 7, 2018 at 12:05 PM

Attached are comments regarding the reclamation permit application for the Lamb Lakes, M-2018-039. Please feel free to contact me at this office if you have any questions.

Sarah Brucker, P.E.  
Water Resources Engineer



**COLORADO**  
Division of Water Resources  
Department of Natural Resources


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**M\_2018\_039 Lamb Lakes.pdf**  
44K

## Response to Consideration of 112c Construction Materials Reclamation Permit Application

DATE: August 7, 2018  
TO: Jared Ebert, Environmental Protection Specialist ([jared.ebert@state.co.us](mailto:jared.ebert@state.co.us))  
CC: Division 1 Office, District 3 Water Commissioner  
FROM: Sarah Brucker, P.E.   
RE: Lamb Lakes, File No. M-2018-039  
Applicant/Operator: North Weld County Water District; (970) 356-3020  
Section 3, Twp 7 North, Rng 69 West, 6th P.M., Larimer County

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### CONDITIONS FOR APPROVAL

- ☒ The proposed operation will consume groundwater by: ☒ evaporation, ☒ dust control, ☐ reclamation, ☒ water removed in the mined product, ☐ processing, ☒ other: slurry wall construction.
  - ☒ Prior to initiation of these uses of groundwater, the applicant will need to obtain either a gravel pit or other type of well permit, as applicable. However, prior to obtaining a permit, an approved substitute water supply plan or decreed plan for augmentation is required.
  - ☒ Prior to approving a well permit, the applicant must conduct a field inspection of the site and document the locations of all wells within 600 feet of the permit area. The applicant must then obtain a waiver of objection from all well owners with wells within 600 feet of the permit area or request a hearing before the State Engineer.
  - ☒ Any storm water runoff intercepted by this operation that is not diverted or captured in priority must infiltrate into the ground or be released to the stream system within 72 hours. Otherwise, the operator will be required to make replacements for evaporation.
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**COMMENTS:** The subject application seeks to split 128.8 acres known as the Lamb Lakes from the Home Office Pit, M-1977-439. Mining at the site is mostly complete, but additional aggregate is anticipated to be mined under this permit. The subject 128.8 acres includes three groundwater lakes with surface areas of approximately 21, 41, and 17 acres. The proposed post-mining use is developed water resources.

The applicant intends to construct a slurry wall liner around the three lakes to create a relatively impermeable barrier between the alluvial groundwater and the reservoirs. The slurry wall must be constructed in accordance with the State Engineer's Lining Criteria and approved by the Division 1 Office.

Evaporative depletions from the exposure of groundwater in Lamb Lakes B and C are currently replaced under the Partners Combined Substitute Water Supply Plan (Plan ID 5436), valid through December 31, 2019. A total of 22.1 acres of groundwater exposed in Lamb Lake A are recognized by this office as being pre-81 and do not require replacement of evaporative depletions. The approved substitute water supply plan does not cover depletions associated with water removed in the mined product, or water used for any other purpose at the site, such as for dust control or slurry wall construction. **No material may be mined below the groundwater table (including in a dewatered state) and no groundwater may be used for any purpose at the site other than evaporation until the applicant has obtained a substitute water supply plan that covers such use(s).**

The applicant may contact the State Engineer's Office with any questions.

