



STATE OF  
COLORADO

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

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## Green Bros. Pit No. 2 AM01

1 message

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

Wed, Jul 5, 2017 at 10:40 AM

Please see attached for comments.

Sarah Brucker, P.E.  
Water Resources Engineer



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

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**M\_1995\_030 Green Bros Pit No. 2 AM01.pdf**  
123K



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

1313 Sherman Street, Room 821  
Denver, CO 80203

## Response to Reclamation Permit Amendment Application Consideration

DATE: July 5, 2017  
TO: Jared L. Ebert, Environmental Protection Specialist ([Jared.Ebert@state.co.us](mailto:Jared.Ebert@state.co.us))  
CC: Division 1 Office, District 1 Water Commissioner  
FROM: Sarah Brucker, P.E.   
RE: Green Bros. Pit No. 2, File No. M-1995-030 - AM01  
Applicant/Operator: McAtee Construction Company, 970-521-0651  
S½ Section 33, Twp 4 North, Rng 57 West, 6th P.M., Morgan County

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### 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 proposed operation will consume ground water by: ☒ evaporation, ☐ dust control, ☒ reclamation, ☒ water removed in the mined product, ☐ processing, ☐ other: \_\_\_\_\_.  
Prior to initiation of these uses of ground water, the operator 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.
- ☒ 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 an amendment to add 4.34 acres to the Green Bros. Pit No. 2, for a total permitted area of 51.16 acres. The Green Bros. Pit No. 2 is located just outside of Fort Morgan, Colorado. The primary commodities mined at the site are sand, gravel, and borrow. The site is proposed to be reclaimed to rangeland upon completion of mining operations.

The 4.34 acres to be added includes 0.14 acres of ground water that was exposed to the atmosphere prior to January 1, 1981 and does not require replacement of evaporative depletions. This pre-81 area has previously been documented and accepted by this office. The mining and reclamation plan remain largely unchanged from the 2012 submittal.

The applicant previously obtained gravel pit well permit no. 68697-F for the site. Well permit no. 68697-F was issued on the condition that the well (gravel pit) is operated in accordance with the Green Brothers, LLC augmentation plan approved by the water court in case no. 2000CW185. The permit allows for the exposure of up to 5.1 acres of post-81 ground water. According to the application, there are currently 3.10 acres of ground water exposed at the site. In addition to evaporation, permit no. 68697-F allows for the moisture lost in the mining of up to 25,000 tons of aggregate per year, or the amount that will result in a total consumptive use of 6.7 acre-feet per year.

The site is proposed to be reclaimed to rangeland with two ponds upon completion of mining activity. The ponds will have a combined surface area of approximately 28.28 acres. The proposed lake area is unchanged by



this amendment. No new ground water above the permitted 5.1 acres may be exposed until the augmentation plan has been amended and/or a substitute water supply plan has been obtained to cover evaporation from the additional ground water surface area.

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

