



STATE OF
COLORADO

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

PVRE Pit #1, File No. M-2017-009

1 message

Brucker - DNR, Sarah <sarah.brucker@state.co.us>
To: Jared Ebert - DNR <jared.ebert@state.co.us>
Cc: Bruce Phillips - DNR <bruce.phillips@state.co.us>

Thu, Apr 6, 2017 at 2:01 PM

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_2017_009 PVRE Pit .pdf
126K



COLORADO
Division of Water Resources
Department of Natural Resources

1313 Sherman Street, Room 821
Denver, CO 80203

Response to Reclamation Permit Application Consideration

DATE: April 6, 2017
TO: Jared L. Ebert, Environmental Protection Specialist (Jared.Ebert@state.co.us)
CC: Division 1 Office, District 64 Water Commissioner
FROM: Sarah Brucker, P.E. *SB*
RE: PVRE Pit #1, File No. M-2017-009
Applicant: Platte Valley Real Estate, LLC
Contact: Dan Long, (970) 520-7800
SW¼ NW¼ Section 33, Twp 8 North, Rng 52 West, 6th P.M., Logan County

CONDITIONS FOR APPROVAL

- ☒ 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 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.

COMMENTS: The subject application is for a surface mining operation on 9.9 permitted acres located immediately east of Sterling, Colorado. The primary commodities to be mined at the site are sand and gravel. The site is proposed to be reclaimed to its current use of general agriculture upon completion of this mining operation.

Sand and gravel deposits are anticipated to be mined to a depth of 20 to 30 feet below ground surface. Ground water is expected to be encountered during mining. **Prior to the use/exposure of any ground water at the site, the applicant must first obtain a well permit and a valid substitute water supply plan or decreed plan for augmentation.** The proposed augmentation source appears to be a well owned by PVRE, permit no. 5868-R-R. This well is not permitted or decreed for augmentation use, and is itself augmented under the Logan Well Users, Inc. augmentation plan for irrigation use, and therefore may not be a suitable replacement source.

The reclamation plan allows for the possibility that the pit will remain full of water when mining is complete. Any pond that exposes ground water to the atmosphere will need to be included in a substitute water supply plan approved pursuant to § 37-92-308(4), C.R.S., or a decreed plan for augmentation prior to our office considering reclamation having been completed.

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

