




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

DATE: June 5, 2019  
TO: Eric Scott, Environmental Protection Specialist ([eric.scott@state.co.us](mailto:eric.scott@state.co.us))  
FROM: Sarah Brucker, P.E.   
RE: DPG Pit, File No. M-2019-028  
Applicant: J-2 Contracting Co.  
Contact: Chris Leone, (970) 392-0694  
Sections 1, 11 & 12, Twp 5 North, Rng 65 West, 6th P.M., Weld County  
Division 1, Water Districts 2 & 3

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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: \_\_\_\_\_.
- ☒ **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.
- ☒ A dewatering system well permit must be obtained prior to construction of the perimeter drain.

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**COMMENTS:** The subject application is for a surface mining operation on 228 permitted acres located approximately two miles northwest of Kersey, Colorado. The primary commodities to be mined at the site are sand and gravel. The site is proposed to be reclaimed to developed water resources upon completion of this mining operation.

The site is proposed to be dry mined, with a slurry wall constructed around the perimeter of the Phase 1 and prior to Phase 2 being mined. The slurry wall will be constructed to meet the SEO's performance standard. Dewatering trenches will be excavated around the perimeter of each mining area in Phases 1-5 prior to the commencement of mining. It is expected that minimal dewatering will be required after installation of the slurry wall. The applicant has indicated that they will obtain a well permit and substitute water supply plan from this office to prior to exposing any groundwater at the site.

According to Exhibit G, water use at the site will include evaporation from exposed groundwater surface areas, dust control, and water retained in the mined material. The consumptive use of groundwater at the site for evaporation, dust control, and water retained in the mined product was estimated to total 55.05 acre-feet per year for Phase 1. In addition, the Mining Plan (Exhibit D) indicated that an aggregate processing plant, concrete and asphalt batch plant, and concrete truck washout would be located on the site. The source of



water for these uses was not identified. If groundwater will be used for processing, concrete batching, or truck washing, these uses must be identified and accounted for in the proposed well permit and substitute water supply plan. If other water will be used for these purposes, the applicant will need to identify the source of this water and document that the water was obtained from a legal source or diverted in priority under a water right decreed for such mining/industrial use.

The Applicant intends to use monitoring wells to monitor groundwater levels on and near the site both during and after mining. A monitoring hole notice acknowledgement or monitoring well permit must be obtained prior to the construction or installation of any new monitoring holes/wells at the site.

Recharge ponds and/or ditches may be constructed on site to maintain groundwater levels during mining. If needed, a perimeter drain may be installed to move groundwater around the mined area after the liner is installed. A dewatering system well permit must be obtained from this office prior to the construction/installation of the perimeter drain.

The Division of Reclamation, Mining and Safety and/or the Applicant may contact the State Engineer's Office with any questions.