



Response to Consideration of 111 Construction Materials Reclamation Permit Application

DATE: March 29, 2022
TO: Peter Hays, Environmental Protection Specialist
FROM: Sarah Brucker, Water Resources Engineer *SB*
RE: Motocross Borrow Pit, Permit No. M-2022-006
Applicant/Operator: SEMA Construction, Inc.; (303) 627-2600
SW¼ SE¼, Section 22, Twp. 4 North, Rng. 68 West, 6th P.M.
Water Division 1, Water District 4, Weld County

CONDITIONS FOR APPROVAL

- ☒ The proposed operation does not anticipate exposing groundwater. Therefore, exposure of groundwater must not occur during or after mining operations.
- ☒ Water purchased from the town of Johnstown is proposed to be used at the site for dust control purposes. The applicant will need to document that the water was obtained from a legal source and be able to provide such documentation to this office upon request.
- ☒ Any stormwater 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 need to make replacements for evaporation.

COMMENTS: The subject application is for a surface mining operation on 26.6 permitted acres located near Berthoud, Colorado. The primary commodity to be mined at the site is borrow material. The site is proposed to be reclaimed to use as rangeland upon completion of mining. According to the submitted application, this is an expansion of an existing permitted mining operation.

Due to the topography of the site, the mining depth is expected to vary across the site from a few feet to a maximum of 70 feet. Based on past operations at the site, groundwater is not anticipated to be encountered during mining operations. If groundwater is encountered, the applicant has indicated that they will comply with the requirements of this office, which would include either backfilling the site to above the groundwater table or obtaining a substitute water supply plan to replace groundwater depletions associated with the mining operation.

Water will be used at the site for road watering to control dust. Water for this purpose is proposed to be obtained from the town of Johnstown. It is estimated that 1.3 acre-feet of water per year will be required for dust control. For the proposed mining duration of 18 months, approximately 2 acre-feet of water will be required for dust control purposes. Potable water will be hauled to the site.

A Stormwater Management Plan is in place to ensure stormwater is routed around disturbed areas and/or controlled from the site as runoff. All runoff is proposed to be contained within the pit and is expected to infiltrate into the ground without ponding. Should stormwater intercepted by this operation not infiltrate into the ground or otherwise be released to the stream system within 72 hours, the operator will need to make replacements for evaporation.

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

