

August 7, 2023

Mr. Leigh D. Simmons
Colorado Department of Natural Resources
Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

**Re: Mountain Coal Company, LLC, West Elk Mine; Permit No. C-1980-007;
Minor Revision No. MR-474 Box Canyon North Water Storage access hole
Adequacy Response**

Dear Mr. Simmons:

Mountain Coal Company, LLC (MCC) received an adequacy letter dated August 4, 2023, below is MCC response.

- 1. Please update Page 2.05-28 with dimensions of the proposed hole (depth and casing diameter)*

See attached Permit text update.

- 2. Please give additional detail about the structure that will house the pump (dimensions and materials)*

The structure that will house the pump will be comprised of a metal frame with tin walls and a concrete floor, roughly 133 cubic yards of concrete.

The building will be approximately 20'x30' in size. The hole will be exposed to gob and therefore the building will be designed with two sections. One section will have the controls and electrical equipment and be sealed from the other section. The other section will house the pump and motor and a Methane monitoring system. The housing design will be like that of the Mine Dewatering Facility (Deepwell Building)

MCC will be pulling the pump and motor from the Deepwell facility to use as the BCN pump and motor.

3. *Please describe how the water will be conveyed from the proposed hole to the existing tank – will new plumbing be required?*

MCC will submit an additional MR, at a later date, to describe how the water will get to the existing million-gallon mine water tank from the BCN pump facility. MCC needed to submit the drilling of the BCN water storage hole first, and on its own, due to timing with the drilling company.

However, as a general description: water will be pumped out from the BCN water storage area, piped in a buried line to the prep-plant, where it will tie into an existing line the leads over to an area under C-1 belt. A concrete vault and booster pump will be installed to push the water up to the million-gallon water tank through the existing line. There will be approximately 1000' of additional buried pipeline to complete the project. Final footage and concrete amount are yet to be determined.

Please contact me with any questions regarding this submittal.

Sincerely,

A handwritten signature in cursive script that reads "Nicki Poulos".

Nicki Poulos
Environmental Engineer