



October 1, 2025

Mr. Dustin Czapla  
Colorado Division of Reclamation, Mining and Safety  
Department of Natural Resources  
1313 Sherman St. Room 215  
Denver, Colorado 80203

**Re: Climax Mine, Permit No. M-1977-493, Notification of EPF Maintenance Work**

Dear Mr. Czapla:

In 2025-2026, Climax will complete the following maintenance work on the respective Environmental Protection Facilities (EPFs) listed in our Environmental Protection Plan (EPP). The goal is to improve the integrity of these systems, but no impact to the basic function of the EPFs. Therefore, Climax will not submit any technical revisions associated with the below-described maintenance work.

- **5-Shaft Pump Station**

- Future planned mining of the pit bottom and the planned end of life of mine (~2042) requires Climax to decide on a permanent pit dewatering solution. Climax chose a design for the permanent system to use our existing infrastructure that will not hinder the mine plan layout.
- After mining down to the Storke level and below, some amount of the water that passively routed to 5-Shaft began going into the pit. Additionally, the pit bottom cannot act as a collection pond for accumulated precipitation and surface runoff. A floating barge will pump water to the 7IVL tunnel entrances, which is then lifted using a pump station to the crest point of the 7IVL tunnel in two 10-inch pipelines, and gravity fed down to 5-Shaft (same system we've been using since 2012 restart).
- 5-Shaft Pump Station will be structurally rehabilitated to hold four pumps that can handle 5000 GPM of pit water. As the pit bottom gets lower, additional pump stations can be added, as needed, to have adequate head pressure.
- This option will prevent Climax from installing a new facility that would include a fixed pump station at the bottom of the pit and a snaking pipeline system up to the pit via pit haul roads, which would have to be continuously moved for the purpose of the mine plan changing the layout within the pit.

- **ETDL**

- Plans to re-line the interior of the ETDL with CIPP liner to restore structure and watertight seal to the joints. Every 700 ft there are 30-inch manholes for improved maintenance access (jetting out blockages in the pipeline). This work will be completed in stages over a three-year time frame, barring any forecast changes. To install the liner, flow will be diverted to East Side Channel to be conveyed to Tenmile TSF pond. The ETDL pipeline will be videoed, cleaned, and then videoed again before the liner is pulled and cured per manufacturer's specifications.

- This option is a more significant improvement of the ETDL than continuing to patch leaks as they arise, but its more economical and does not hinder operations nearly as much as a full demo and replacement with a new pipeline.

If you have any questions or concerns, please contact me at 719-486-7717 [aungers@fmi.com](mailto:aungers@fmi.com) or Eric Detmer at 719-427-0070 [edetmer@fmi.com](mailto:edetmer@fmi.com).

Sincerely,



Alex Ungers  
Chief Environmental Scientist

cc: Eric Detmer, Environmental Manager