



Division of Reclamation, Mining & Safety
c/o Patrick Lennberg
1001 E 62nd Ave,
Room 215
Denver, CO 80216

April 14, 2022

RE: Cross Gold Mine, Permit No. M-1977-410, GIR's Request for Approval for the installation of a pipeline.

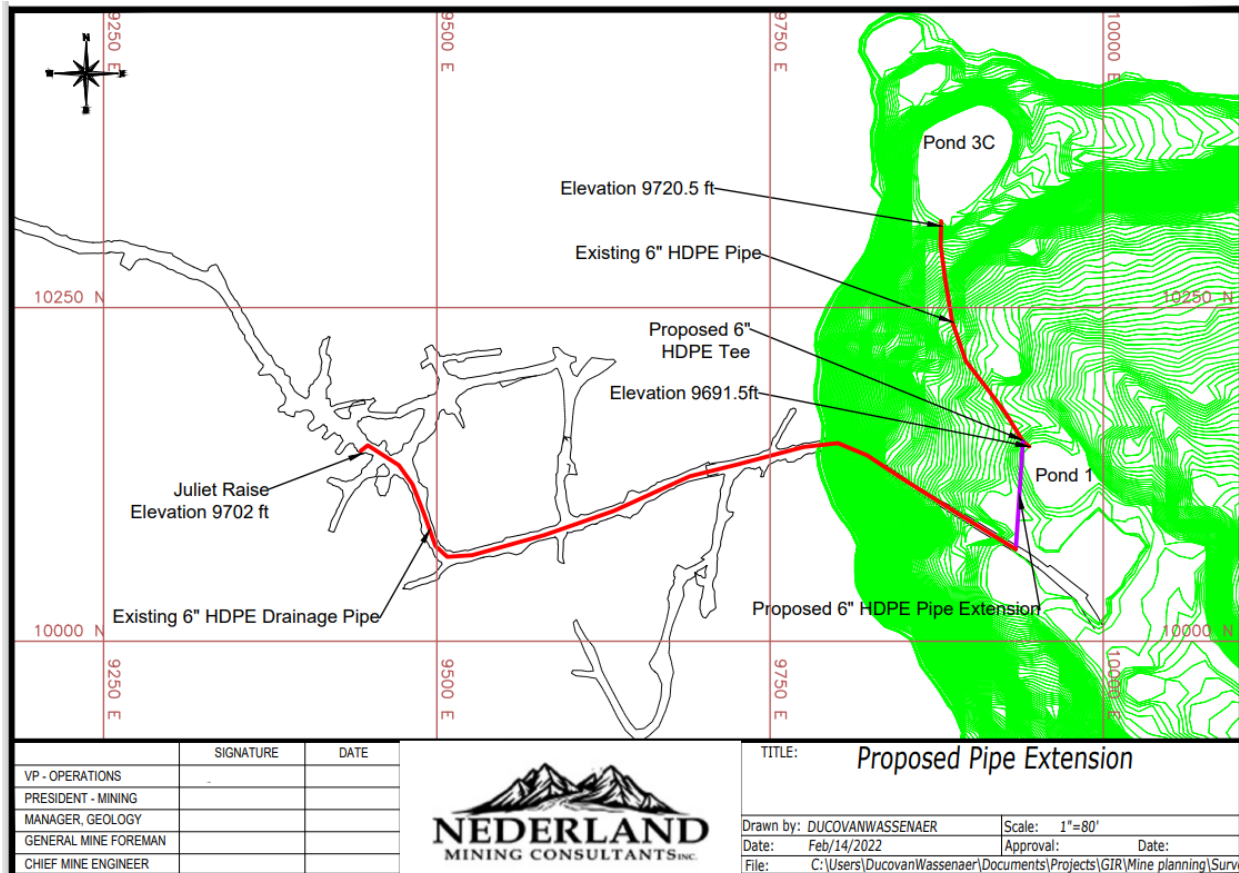
Ms. Lennberg,

Pursuant with Mined Land Reclamation Board Cease and Desist Order, GIR hereby requests approval from DMRS for the installation of a pipeline which would extend the pipeline that currently conveys water from Pond #3C to Pond #1 into the Cross Mine underground workings known as the Juliet Raise.

The primary purpose of the pipeline extension is to preclude potential overtopping of Pond #1 via a pipeline conveying flows that would exceed the capacity of Pond #1 into an existing Juliet ventilation raise. The Juliet Raise vertically intercepts the 2nd, 3rd, and 4th levels of the Cross Mine.

The Juliet Raise is already serving as a water passageway to the lower levels of the Cross mine water from the Apache/Potosi working area. A secondary benefit of the application would be an increase of solids settling time contained in Caribou water.

The existing system comprises a 194 ft long 6" pipe conveying Pond #3C Caribou effluent into Pond #1 behind the Cross Shop. The proposed extension would incorporate a 6" HDPE T-fitting at the end of the existing pipe, where automated float valves would shutoff discharges into Pond #1 and divert the flow into the Juliet Raise. The extension requires approximately 80 ft of 6" HDPE pipe from pond #1 to the snowshed. The existing drainage pipes would then be used to carry the water back to the Juliet raise. The Figure below illustrates the pipeline alignment in plan view.



GIR looks forward to DRMS' approval of this overtopping prevention and water management system.

If you have any questions, please contact me.

Respectfully,

Daniel J. Takami

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CC: Ms. Amy Eschberger - DRMS