



May 26, 2017

file: 11678

MOUNT POLLEY MINING CORPORATION
P.O. Box 12
Likely, BC V0L 1N0

Dear Dale Reimer:

RE: final effluent concentrations

Your submission of May 19, 2017 provided to fulfill the requirements of section 1.2.4 of Permit 11678 has been reviewed by ministry staff.

Section 1.2.4 requires that additional toxicity testing be completed to demonstrate that an effluent mixture containing the maximum concentrations of all parameters listed in the table of section 1.2.3. are not acutely toxic. If demonstrated to the satisfaction of the director then the discharge would be required to meet the final effluent concentration limits.

The results submitted to date indicate that there is no acute toxicity to either rainbow trout or daphnia tested in accordance with standard test protocols using effluent spiked to simulate the maximum permit limits. The spiked effluent mixture contained concentrations of effluent at the maximum concentration listed in the permit during the testing procedure, except for ammonia. In addition, cadmium concentrations could not be confirmed due to limitations of detection in the effluent mixture. Ammonia concentrations used in the test were within 10% of the final effluent concentration limit.

Effluent tested was found to be not acutely toxic at a maximum ammonia concentration of 1.21 mg/L. Unless further testing confirms these results at a higher effluent ammonia concentration, a limit of 1.21 mg/L for ammonia is approved. The testing conducted is satisfactory for all other final effluent concentration limits prescribed in section 1.2.3 of the permit.

If you have any questions please contact me at 250-398-4542.

Yours truly,

Douglas Hill, P.Eng.

for Director – *Environmental Management Act*
Mining Operations