



Giant Mine Remediation Project
PO Box 1500
Yellowknife, NT X1A 2R3

March 5, 2021

Shannon Allerston
Regulatory Specialist
Mackenzie Valley Land and Water Board
7th Floor, 4910-50th Avenue
PO Box 2130
Yellowknife, NT X1A 2P6

RE: Giant Mine Remediation Project MV2007L8-0031 and MV2019X0007 2019 Dam Safety Review Results and Implementation Plan

Dear Ms. Allerston:

The Giant Mine Remediation Project (GMRP) on behalf of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) is submitting the 2019 Dam Safety Review to the Mackenzie Valley Land and Water Board (MVLWB) as per the Type A Water License MV2007L8-0031, Part F, Condition 21.

Dam inspections took place on October 2 and 3, 2019. The Dam Safety Review categorizes recommendations into “High”, “Medium”, and “Low” according to the sequence in which they should be addressed.

The GMRP has been working diligently to rectify these recommendations laid out in the Dam Safety Review and started implementing works in October 2020. As previously indicated in our submission, dated September 21, 2020, Dam #1 stabilization work at the Giant Mine site was of top priority and has now been completed. Thermosyphons have been installed and are working according to the intended design to stabilize the thawing permafrost.

Along with the Dam Safety Review the GMRP is submitting Appendix A. A summary of the recommendations, deficiencies and non-conformances from the Dam Safety Review with GMRP responses. The GMRP responses identifying how we feel these recommendations have been addressed, are being addressed, or will be addressed in the upcoming years.

Additional information can be found in section 3.10 of the report explaining the status of issues identified during the previous dam safety review and CDA consequence classifications can be found on Table 29.



Should you have any questions or require any further information, please contact the undersigned by telephone at (867) 669-2823 or by email at Natalie.Plato@canada.ca.

Sincerely,

Natalie Plato

Natalie Plato
Deputy Director
Giant Mine Remediation Project

cc. Tim Morton, Inspector, CIRNAC

Encl. Giant Mine Dam Safety Review – Parts 1 to 6
Appendix A – Dam Safety Review recommendations and GMRP response and action plan.