

NWB Hearing Presentation Type A Water License Amendment Application 3AM-GRA1015

Rankin Inlet Community Hall

September 25, 2014

Summary of Proponent Presentation

Nipissar Lake is the Town of Rankin Inlet's water supply. Too much water is being withdrawn from the lake so the water level is decreasing.

In 2012, a pipeline was constructed to increase the water level in Nipissar Lake by pumping water into it from Char River. The pipeline has not been used since its construction as regulatory approval has not yet been acquired.

In 2014, regulatory applications were submitted to the Nunavut Water Board, the Nunavut Impact Review Board and the Nunavut Planning Commission.

If approved for use, the pipeline would operate as needed in the June to September period. The amount pumped each year would depend upon the population of Rankin Inlet and the community's amount of water use.

Estimate is that 14 days of pumping would have been required in 2014 increasing to 79 days of pumping in 2030.

Standard operating mitigative measures will be used to protect the environment.

To protect fish and fish habitat, GN-CGS will complete a hydrological assessment of the Char River to calculate the instantaneous flow and discharge volume. Once complete, a staff gauge will be used to conduct monitoring of the flow rates during the pipeline operation. Withdrawal of water will be limited to 10 % of the instantaneous flow with a 0.5 m in-stream depth minimum.

It is GN-CGS's priority to ensure that there is a safe and secure long term water supply that is protective of the environment. If another water source (i.e. Lower Landing Lake) becomes more suitable than the Char River (i.e. the Char River flow rates are insufficient), GN-CGS will submit rationale for using this source to the NWB six months prior to pumping.

Questions? Comments?



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