

December 13, 2024
Richard Dwyer
Manager of Licensing
Nunavut Water Board
P.O Box 119 Gjoa Haven, XOB 1JO

Re: Modifications to Water Supply Facilities within 3AM-GRA1631

Dear Mr. Dwyer,

The Government of Nunavut – Community and Government Services (CGS) as the Licensee of Water Licence 3AM-GRA1631 requests approval from the Board of planned modifications to the Water Supply Facilities. It is to the best of CGS' knowledge that the proposed modifications are compliant with the existing Water Licence and the Nunavut Water Act. Please see along with this submission, site plans and drawings of the proposed modifications, the construction schedule for the modifications, detailed erosion and sediment control measure specifications, as well as the conformity determinations from the Nunavut Planning Commission, which have determined the modification project to be exempt from Nunavut Impact Review Board screening. These documents can be accessed through the following link: https://app.ca.e-builder.net/public/publicLanding.aspx?QS=2164585dcf1a45d992a3b56e68968ab2

The modification project includes a new water pumphouse at the existing site at Nipissar Lake and a new water treatment plant and storage tanks at the existing site at Williamson Lake. Both structures have larger footprints than the existing facilities to accommodate the growing municipal water demands of Rankin Inlet. No infilling of Williamson Lake is planned for the new water treatment plant. Further silt fencing will be installed and maintained at Nipissar Lake used to ensure compliance with Part D. Item 9 and rip rap will continue to be maintained at Nipissar Lake and Williamson Lake to prevent erosion to the banks in compliance with Part D. Item 8.

The approved monitoring program will be continued as part of the new Water Supply Facilities; however, the volume of fresh water withdrawn from the raw water source Nipissar Lake (GRA-1) will be measured by a flowmeter on each intake pump within the new pumphouse at Nipissar Lake as shown in drawing W-004.

As per the Water Licence terms, CGS will provide engineer-stamped as-built plans and drawings of the new water supply facilities within 90 days of completion.

Please feel free to contact me with any questions or requests for additional information.

Regards,

Ryan Kum Municipal Engineering Officer Community and Government Services Government of Nunavut