

Rankin Inlet - GN Application
Compilation of Issues

ISSUE	INAC	GN-DOE	EC	DFO
Completeness Review				
Completeness	Due to concern over the sustainability of the proposed water use, the Applicant must provide the appropriate studies prior to the consideration of a new water licence application	Application for a Type 'A' Water License is complete and may move forward for a technical review	Application Complete. Recommend CGS to provide a timeline of when studies on the water supply are complete and made available to the NWB	Proponent should refer to DFO's "Proponent's Guide to Information Requirements for Review Under the Fish Habitat Protection Provisions of the Fisheries Act" (link provided in comments)
Water Usage	Substantial increase in water use over a 5 year period. Proposed use of 850,000 m3/year is far greater than the provided recharge rate of 314,000 m3/year			If water body is being drawn down provide details on: volume required, size of water body, percent of total volume of water in source lake to be used, fish species etc. to DFO for review
Other	Nuna Burnside Engineering and Environmental made the following recommendation "The lake has been designated as a reservoir and is off limits to recreational activities. This considered the water takings should not have a significant impact to the environment. The Government of Nunavut and the Hamlet should identify an alternative water supply that they can pump into the reservoir during the summer months to maintain the water levels in the lake in the future" To INAC knowledge, this has not been completed. INAC recommends this info be proved with appropriate studies prior to the consideration of the new water licence			Small lakes and streams should not be used for water withdrawal
Technical Review				
Drawdown	Water use in the application is said to be 876,000 m3/year based on water treatment facility operator records. This is more than double the license allowable use of 400,000 m3/year			A detailed assessment of the proposed volume of water to be withdrawn from Nipissar Lake against the total annual recharge and the potential ramifications for drawdown is required
	with the recharge rates being calculated to be 314,000 m3/year (as per operation and maintenance plan for the water supply treatment facility) further studies are required to determine the long term sustainability of the water source			
Environmental Emergency Contingency Plan	Spill kit locations should be included under the Environmental Emergency Contingency Plan	The Environmental Emergency Contingency Plan should include the GN-DOE's Manger of Pollution Control	An Environmental Emergency Contingency Plan should include emergency contingency measures for the utilidor system in the event of a failure or overflow should be provided	

Note: This document may not represent a complete compilation and is NOT intended to replace official submission filed by the Parties.

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	INAC Manager of Field Operations to be contacted in the event of a spill as well as 24 Hour Spill Line	Should a spill occur on water or ice, Environment Canada should be consulted regarding clean-up methods	Any spill located on ice or into water regardless of size shall be immediately reported to the 24 Hour Spill Line	
O&M Plan	The O&M Plan for the Sewage Treatment Facility does not include problems, timelines and mitigation plans identified in the 2008 Annual Report. Follow-up information is required that provides clarification as to whether the problems were fixed	The Proponent should include in the Operations & Maintenance Manual for the Sewage Treatment Facility, any procedures that may be in place should there be a disruption in service		
Hazardous Waste	Hazardous waste management plans, procedures and protocols should be adopted for the water treatment facility, particularly with respect to chlorine and fluoride			
Water Intake	Provide intake screen size			A detailed description of the proposed water intake is required. Refer to the Freshwater Intake End-of-Pipe Fish Screen Guideline (DFO 1995)
Other	Environmental Monitoring Program and QA/QC Plan references monitoring stations GRA-1, GRA-2, and GRA-3 and indicates that their specific locations are addressed on Figure 2, however their locations are not given or shown on the map associated with the Plan		All effluent discharged from utilidor must meet Section 36(3) of the Fisheries Act	Any impacts to fish and fish habitat which result from proceeding with this proposal could lead to corrective action such as enforcement
Hamlet of Rankin Inlet Application	Figure 3 shows sampling locations for the 3BM-RAN0207 licence renewal			
	Application includes solid waste info from the Hamlet of Rankin Inlet application			
Additional Info	Water sampling is said to have taken place. No sampling data submitted with the application			
	Some data missing in Annual Reports: tabular summaries, list of unauthorized discharges, summary of A&R work, work anticipated for the next year			