



Water Resources
Nunavut Regional Office
P.O. Box 100
Iqaluit, NU, X0A 0H0

August 22, 2016

INAC reference
CIDM# 1092995

NWB reference
#3BM-IGL1520

Karén Kharatyan
A/Manager of Licencing
Nunavut Water Board
Gjoa Haven, NU, X0E 1J0

**Re: Indigenous and Northern Affairs Technical Review of Municipality of Igloolik -
Amendment Application #2 for Water Licence # 3BM-IGL1520**

Dear Mr. Kharatyan,

Thank you for email received on July 22, 2016, from the Nunavut Water Board (NWB), concerning the above mentioned water licence application process.

A memorandum is provided for the consideration of the Nunavut Water Board. Comments have been provided pursuant to the Department's mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act*.

Please do not hesitate to contact me by telephone at 867-975-4568 or email at Lisa.Bachellier@aandc-aadnc.gc.ca for further comments or any questions.

Sincerely,

Lisa Bachellier
Water Resource Technician

c.c.: Ian Parsons, A/Manager Water Resources, Nunavut Regional Office (NRO),
Indigenous and Northern Affairs Canada (INAC)
Andrew Keim, A/Manager of Field Operations, NRO, INAC



Technical Memorandum

**Re: Indigenous and Northern Affairs Technical Review of Municipality of Igloolik
Amendment Application #2 for Water Licence # 3BM-IGL1520**

Applicant: Hamlet of Igloolik
Project: Renewal of Municipal Type 'B' Water licence
Region: Qikiqtani Region

A. BACKGROUND

On July 22, 2016 the Nunavut Water Board (NWB or Board) provided notification to interested parties that Hamlet of Igloolik had submitted a Type "B" water licence amendment application #2, # 3BM-IGL1520, for the Hamlet of Igloolik.

The applicant has requested to amend the License issued for their activities; however the application for amendment indicates that they plan to expand the existing reservoir Fish lake for their water use for the community of Igloolik, refurbish an existing intake pump a construction of a new water intake pump house and intake line.

A letter dated May 27, 2016 from the Department of Health to INAC to Water resource officer for Hamlet of Igloolik reservoir expansion request due to a shortage of water in June 2015 the water source South lake the under ice cover was unacceptable for domestic use and the reservoir ran dry. Emergency services were called upon as an emergency system was put in place to ensure water was delivered to the community.

Interested parties were asked to review the water licence cancellation application and provide technical comments by August 22, 2016.

B. RESULTS OF REVIEW

INAC Water Resource Division submits the following comments/recommendations to the Nunavut Water Board for consideration:

1. Planned construction of new intake pump house

The Licensee is planning to refurbish an intake water pump house and also construct a new water pump house



Recommendation

INAC recommends that an Operation and Maintenance plan be updated for the water supply system, including the two (2) pump houses, and submitted to the NWB for review and approval.

2. Spill contingency plan

Under the *NWT Waters Act* and *Section 6 g* (i) and (ii) of the NWT Waters Regulations all operations requesting licences for water use and waste disposal must prepare comprehensive spill contingency plans. These plans are required to establish a state of readiness which will enable prompt and effective response to possible spill events.

Recommendation

- INAC strongly recommends that a spill contingency plan be submitted to the NWB for review and approval.
- Spill kits should be placed in areas where a spill is most likely to occur(i.e., where fuel is stored or used)
- All or any spill or fuel or hazardous material, adjacent to or into a water body regardless of quantity or size shall be reported immediately to the NWT 24-Spill line (867)920-8130 and the manager of field operations with Indigenous and Northern Affairs Canada (867)975-4295
- Under *Spill Contingency Planning and Reporting Regulations*, any persons storing contaminants in an above ground storage facility with a capacity equal or greater than 20,000 litres or kilograms is required to file a plan.

Prepared by Lisa Bachellier