

**From:** Sean Joseph [mailto:sjoseph@nunavutwaterboard.org]

**Sent:** Tuesday, May 13, 2014 4:23 PM

**To:** Roy, Bhabesh

**Cc:** robin.ikkutisluk@nwb-oen.ca; phyllis.beaulieu@nwb-oen.ca; sean.joseph@nwb-oen.ca

**Subject:** 3BM-IGL0911 -Renwewal Application

Dear Mr. Roy:

The NWB has completed its preliminary review of the above-mentioned application, submitted by the hamlet of Igloolik for the renewal of Licence 3BIGL0911.

Your application consists of the following documents:

- a. Memorandum related to bathymetric survey of South Lake and Existing Water Reservoir
- b. Water Licence Renewal Application Form
- c. Compliance Plan
- d. Map showing the Location of South Lake
- e. Technical Summary of Environmental Facilities under Water Licence No. 3BM-IGL0914 (English)
- f. Technical Summary of Environmental Facilities under Water Licence No. 3BM-IGL0914 (Inuktitut)
- g. Application fee (\$30.00)
- h. Design Development Report (Arktis) - Improvement of Water Supply System, Igloolik, Nunavut (2011)
- i. Cover letter, dated March 13, 2014
- j. Baffin Region Hazardous Materials Spill Database
- k. 2013 Annual Report for the Hamlet of Igloolik
- l. 2012 Annual Report for the Hamlet of Igloolik
- m. 2011 Annual Report for the Hamlet of Igloolik

The review determines that the following items should be addressed before the NWB could proceed to the next stage(s) of the licensing process for the application:

1. Submission of copies of 2009 and 2010 annual reports, including laboratory results, as required under **Part B, Item 1** in the Licence.
2. Submission of a copy of the laboratory results for 2011 the annual report.
3. Submission of separate, un-embedded copies of the laboratory results associated with 2012 and 2013 annual reports. The files embedded within both annual reports are not viewable due to potential issues related to the file links.
4. All design drawing submitted under the application, including floor plans and elevations for the proposed water supply system, should be signed and stamped by an engineer licensed to practice in Nunavut. In additions design and specifications stamped by engineer should be provided for all new facilities/upgrades proposed under the licence.
5. Submission of an Operations and Maintenance Manual, for approval by the Board, that takes into consideration the comments received prior to the issuance of the expired licence and which contains the following plans as required under **Part F, Item 1** in the licence for **existing facilities**:
  - a. *Updates to the Water Distribution Facility Operation and Maintenance (O&M) Plan (for review);*
  - b. *Sewage Disposal Facility Operation and Maintenance (O&M) Plan;*

- c. *Sewage Sludge Management Plan*;
  - d. *Solid Waste Disposal Facility Operation and Maintenance (O&M) Plan*;
  - e. *Spill Contingency Plan*; and
  - f. *Monitoring Program Quality Assurance/Quality Control Plan (QA/QC Plan)*
6. Submission of reports generated from annual geotechnical inspections as required under **Part F, Item 3** in the licence.
7. Submission of a Monitoring Program *Quality Assurance/Quality Control Plan (QA/QC Plan)* as required **under Part H, Item 9** and **Part F, Item 1f** in the licence.
8. **Water Licence Application form:**
  - Block 15 should be updated to include the quantity of each waste type that will be generated, method of treatment/disposal, etc.
9. **Technical Summary of Environmental Facilities under Water Licence No. 3BM-IGL0914 (English)**
  - More details should be included about existing and proposed facilities, such as the size and scope of the solid waste management facilities, wastewater treatment facilities, and the water supply facilities.
  - More specific details should be provided on what hamlet would like amended under the renewed licence.
10. **Compliance Plan**
  - F-1 of the compliance plan is referring to an Operations and Maintenance manual for new facilities proposed; however, the Part F, Item 1 in the licence is referring to an Operations and Maintenance Manual for existing facilities. The compliance plan should therefore address the current requirements.
  - F-3 of the compliance plan is proposing to conduct geotechnical inspections at 3-year intervals, which is inconsistent with terms and conditions in the licence.
  - H-9 of the compliance plans should address the requirement for a Quality Control and Quality Assurance Plan associated with monitoring existing facility. The compliance plan indicates that the QA/QC plan will be submitted to address requirements for facilities not yet approved for construction.

If you have any questions related to the above, please contact me at your earliest convenience.

Regards,  
Sean

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