



# Gwich'in Land and Water Board

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## STAFF REPORT

Prepared by Helga Harlander June 22, 2009

Application #	G99L3-003	Type	Type "B" WL - renewal
Activity	Municipal Water Licence – use of water		
Location	Aklavik, NT		
Proponent	Hamlet of Aklavik		

### Application Summary

- The Hamlet of Aklavik submitted an application for renewal of the municipal water licence G99L3-003 for the use of water.
- The water source is the Peel channel, and the point of water intake is within the GSA.
- The Hamlet plans on upgrading the existing water treatment plant by the fall of 2009. The plant will remain at the same location, and the existing raw water intake line will be utilized.
- The Hamlet requests a ten year term for the renewed WL (term of current WL is ten years)
- The Hamlet has applied concurrently to the Northwest Territories Water Board (NWTWB) for a municipal water licence for the discharge of waste.

### Background

- The Hamlet of Aklavik has held a municipal water licence since about 1984. The licence was originally issued under the licence number N3L4-0570 by the NWTWB.
- The GLWB issued water licence G99L3-003 effective August 1, 1999. The licence covers the use of water, as the point of water intake is located in the GSA.
- The NWTWB issued WL N3L3-0570 in 1999 to permit the deposit of waste. The deposit of waste occurs within the ISA. The NWTWB issued a screening decision, under CEEA, June 28, 1999.
- GLWB and NWTWB staff met February 27, 2009 to discuss the upcoming renewal application for Aklavik's municipal WL. It was agreed that it would 'cooperatively share information related to the Aklavik Municipal Water Licence application, review, and reporting in order to avoid wherever possible duplication of effort'.
- Dillon Consulting forwarded design drawings for a new water treatment plant. As the new plant will be at the same location, and the water intake facilities will remain the same, there is no action required by the GLWB at this point. (The documents are kept on file for reference.)
- AECOM prepared a Background Report, in support of the Hamlet's application.
- The application was received at the GLWB May 8, 2009
- Review packages out May 20, 2009 - closing date for comments June 12, 2009

Discussion

- Review comments were received from Fisheries and Oceans Canada, Indian and Northern Affairs Canada, GNWT ENR, GNWT Health and Social Services, GRRB, GSCI, Ehdiiat Gwich'in RRC. For a summary of review comments, and the disposition thereof, please refer to Table 1 "Summary of review comments for water licence application G99L3-003"

Some of the comments by reviewers did refer to the deposit of waste, which is under the jurisdiction of the NWT Water Board. Copies of the submissions, received by the GLWB, were forwarded to the NWT Water Board for information.

- There was no preliminary screening decision on file. The Canadian Environmental Assessment Act (CEEA) came into force January 19, 1995. According to correspondence on file, between INAC Water Resources Division (WRD) and GLWB, a screening report could not be located in at the time of the last licence renewal in 1999. NWTWB consequently did conduct a screening under CEEA, covering the discharge of waste. A copy of the screening report has been obtained. Due to the fact that there is no screening report on file addressing the use of water, a screening report covering the use of water has been prepared for the current application.
- A copy of the draft conditions has been forwarded to INAC (regional office), the Hamlet, AECOM, and the NWTWB.
- Term of licence is recommended to remain at 10 years, as requested by the Hamlet. Although the NWTWB is considering decreasing the term of the licence they issue, there does not appear to be any justification to do so for the GLWB. (The Hamlet has complied for the most part with the terms and conditions of the water licence issued by the GLWB). The issue has been discussed with NWTWB staff. Currently NWTWB staff is recommending to the NWTWB a five year term. This would allow the renewal of both licences to coincide in 2019.

Recommendation

- Grant Water Licence G99L3-003, subject to the proposed terms and conditions, to the Hamlet of Aklavik for a 10 year term.

*Table 1 Summary of review comments for water licence renewal application G03L3-001*

Organization, Date comments received	Comments	Disposition of comments
Environment Canada	- no submission	- no action required
Fisheries & Oceans Canada – May 28/09	-- not likely to result in impacts to fish and fish habitat if implemented as proposed - apply Freshwater Intake End-of-Pipe Screen Guideline - no formal approval from DFO required	- proceeded with process  - Part , condition 2. - proceeded with process
INAC – June 12/09	- current licence refers to 'controler' in a condition regarding spill reporting; should be changed to 'inspector'	- change as requested
MVLWB – July 25/07	- no transboundary implication	- proceeded with process
MVEIRB,	- no submission	- proceeded with process
GNWT Environment & Natural Resources – June 9/07 GNWT Environment & Natural Resources – June 12/07	- no comments  - retraction of 'no comments' letter submitted June 9/09 - consult 'Guideline for the Planning, Design, Operations and Maintenance of Modified solid Waste Sites in the Northwest Territories' in the development of the Municipal Solid Waste Operations and Maintenance Plan - rename the proposed Solid Waste management Plan a Municipal Solid Waste Operations and Management Plan - include section on hazardous waste in the Municipal Solid Waste O & M Plan; request a separate Sewage Treatment Plan - rename a proposed condition re hazardous waste - specify that only hazardous waste sourced from within the community, and from within commercial and residential sources can be accepted	- proceeded with process    - NWTWB issue  - NWTWB issue  - NWTWB issue  - NWTWB issue - NWTWB issue

	<ul style="list-style-type: none"> <li>- specify that burning of specified solid waste shall be conducted in an engineered burn pit</li> <li>- fence should be installed around the solid waste disposal facility</li> </ul>	<ul style="list-style-type: none"> <li>- NWTWB issue</li> <li>- NWTWB issue</li> </ul>
GNWT Health & Social Services – May 25/09	<ul style="list-style-type: none"> <li>Include the following in the licence</li> <li>- schedule of operator training and qualifications, number of operators available 24/7</li> <li>- contact information for Environmental Health Officer</li> <li>- reporting requirement for monthly and annual quantities of chemicals used, by type</li> <li>- requirement for Emergency Response Plan</li> <li>-reference to Public Health Act in regard to sampling protocols, frequency &amp; parameters</li> <li>- requirement to provide Health Services with plans and drawings prior to, and after completion of construction</li> </ul>	<ul style="list-style-type: none"> <li>- o/m</li> <li>- o/m</li> <li>- partially addressed through Part F conditions 1 &amp; 2 (requirement of a spill contingency plan)</li> <li>- partially addressed through Part F conditions 1 &amp; 2 (requirement of a spill contingency plan)</li> <li>- o/m</li> <li>- forwarded copy of design drawings submitted by the Hamlet, and contact info for consultant (Dillon) to GNWT Health for information</li> </ul>
GNWT Industry, Tourism & Investment,	- no submission	- no action required
GNWT Municipal and Community Affairs	- no submission	- no action required
GTC/GLA,	- no submission	- no action required
GRRB – June 4/09	<ul style="list-style-type: none"> <li>- the Hamlet has a social and environmental responsibility to complete effluent sampling, as described in the background document</li> <li>- supportive of application for renewal of the WL</li> </ul>	<ul style="list-style-type: none"> <li>- NWTWB issue</li> <li>- proceeded with process</li> </ul>
Gwich'in Social & Cultural Institute – May 28/09	<ul style="list-style-type: none"> <li>- no concerns with application as there is no new development</li> <li>- work must cease if archeological or heritage materials are encountered and PWNHC has to be contacted</li> <li>- concerns re the lack of sampling of effluent</li> </ul>	<ul style="list-style-type: none"> <li>- proceeded with process</li> <li>- General Conditions- PartI-Scope</li> <li>- NWTWB issue</li> </ul>
GLUPB,	- no submission	- proceed with process
Ehdiitat RRC – June 9/09	<ul style="list-style-type: none"> <li>- the Hamlet has a social and environmental responsibility to complete effluent sampling, as described in the background document</li> <li>- supportive of application for renewal of the WL</li> </ul>	<ul style="list-style-type: none"> <li>- NWTWB issue</li> <li>- proceeded with process</li> </ul>

Notes: o/m indicates that the issue addressed falls outside the mandate of the GLWB