



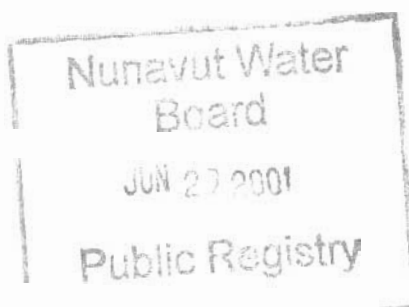
Environment  
Canada

Environnement  
Canada

Environmental Protection Branch  
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Tel: (867) 975-4639  
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June 29, 2001

Rita Becker  
Licensing Administrator  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU X0B 1J0



Our File: 4782 044

By Facsimile: (867) 360-6369

**Re: Kimmirut Municipal Water Licence Renewal - Water Licence NWB3KIM**

Municipality of Kimmirut is seeking a water license renewal to provide services such as municipal water and waste disposal for the community of Kimmirut. The proposed start date will be Jan 1<sup>st</sup>, 2001 and expire Dec 31, 2005 as stated within the application. The types of wastes to be generated are sewage, solid waste, scrap metals, waste oil and grey water. I have reviewed the above water licence application on behalf of Environment Canada (EC), and offer the following comments for your consideration.

**Sewage Disposal**

Currently the municipality is undertaking the construction of a new sewage facility that will provide secondary treatment. EC agrees with the municipality's initiatives however recommends the license contain a condition that sewage be discharged to the new facility upon completion, and that a new SNP station(s) be set up to monitor outflow quality.

**Solid Waste**

The community has proposed improvements to the disposal facility such as relocation of the solid waste site nearer to the community. At the time the municipality will be addressing the new landfill site Environment Canada recommends that the site be engineered to properly manage drainage and windblown wastes. In the meantime, EC recommends that improvements to management practices be made in the following areas:

- separation of all hazardous wastes, with secure storage and appropriate disposal. Previous inspection reports have indicated problems with current methods of handling hazardous materials.
- development of a operation and maintenance plan that will be followed.
- installation of a perimeter fence to contain wind-blown garbage that is making its way into the drinking water lake and on to the land.
- assessment and remediation of hydrocarbon contamination at the site.

Further, outstanding concerns are as follows:

- the community needs to develop an A&R plan for old sites
- spill contingency plan must be provided along with provisions for providing the appropriate clean-up materials
- water withdrawal on the expiring license was 20,000 cubic meters per year. The community is now using almost 25,000 cubic meters per year. Environment Canada recommends placing a 30,000 cubic meters per year limit
- Environment Canada requests that the community seek new options as to how to address the problems with recycling program and if necessary contact Environment Canada to provide technical assistance.
- EC would like to request that further design details and drawings for the new sewage facility and solid waste site be forwarded to the Iqaluit office.

Canada



Please do not hesitate to contact me at (867) 975-4639 with any questions or comments regarding the foregoing.

Yours truly,

A handwritten signature in black ink, appearing to read 'Lawrence Ignace', followed by a long horizontal line.

Lawrence Ignace  
Environmental Assessment Specialist

cc: Paula Pacholek (Environmental Assessment Coordinator, EPB)  
Anne Wilson ( Water Quality Specialist, EPB)