



Resources, Wildlife and Economic Development

Environmental Protection Service
Department of Resources, Wildlife and Economic Development
600, 5102 - 50 Avenue
Yellowknife NT X1A 3S6
Phone: (403) 873-7854
Fax: (403) 873-0221

September 30, 1997

Ms. Dionne Filiatrault
Technical Advisor
Nunavut Water Board
P.O. BOX 119
GJOA HAVEN NT X0E 1J0

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Dear Dionne:

The Municipality of Igloolik's Water Licence Application

Thank you for the opportunity to review Igloolik's water licence application. During the review, it was noted that the volume of yearly water use for the community was calculated incorrectly. There appears to have been some confusion with units. The population used to calculate water use is 1100, however, earlier in the questionnaire the current population of Igloolik is estimated at 1174. Additionally, the water use estimate does not include the increase in water consumption due to the associated population growth with the establishment of government offices in the community in 1999. With these factors taken into account, Igloolik's future water use is approximately 45, 000 cubic metres per year.

Several items that the Department of Resources, Wildlife and Economic Development would like to see included in the licence are listed below.

- Submission of expansion plans and drawings for the water reservoir and sewage lagoon by the end of 1998.
- The requirement for the community to submit an Abandonment and Restoration Plan and an Operation and Maintenance Plan for the waste disposal facilities. This is requested due the proximity of these sites to Turton Bay and the potential for contaminants from these facilities to migrate into the marine environment.

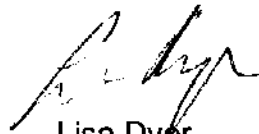
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- Surveillance Network Program (SNP) stations should be established for collection of runoff from the sewage lagoon and landfill.

The Guidelines for the Discharge of Treated Municipal Wastewater in the Northwest Territories, previous data collected by Water Resources or a site specific study could be used to determine an appropriate sampling program for these stations. If a site specific study is used to establish analysis parameters, the study should not be cost prohibitive and should consider community concerns associated with potential contamination migration from the waste disposal sites.

Please contact me at (403) 920-3118 should you require further information or clarification of any of the items discussed in this letter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lisa Dyer', is positioned above the printed name.

Lisa Dyer
Environmental Impact Analyst