

Water Resources Division
Qimugjuk Building
P.O. Box 2200
Iqaluit, Nunavut
X0A 0H0
référence

Your file - Votre

NWB3CAM

Our file - Notre référence

July 8, 2002

Ms. Phyllis Beaulieu
Acting Licensing Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut
X0E 1J0

Dear Ms. Beaulieu:

Re: Cambridge Bay - Water Licence Application

The previous water licence for the Hamlet of Cambridge Bay was issued on August 1, 1995 and expired on July 31, 2000. An application for renewal was submitted to the Nunavut Water Board (NWB) on February 20, 2001. The application was reviewed, and it was determined that additional information was required. The NWB acknowledged the receipt of additional information on May 6, 2001 and subsequently requested comments on June 5, 2001. Although this application is technically not a renewal because the previous licence had expired prior to receipt of the application, comments have been provided with the terms and conditions of the previous licence in mind.

Conditions Applying to Water Use:

- the past licence conditions are adequate and, given the records submitted by the Hamlet, the previous limit of 70,000 m³/day will be sufficient

Conditions Applying to Waste Disposal: Solid Waste Disposal Site

- the licence should require that the solid waste disposal site be fenced and that the fencing be maintained to prevent the deposit of solid waste in the sewage lagoon
- plans to relocate the solid waste disposal site should be submitted to the Nunavut Water Board (NWB) upon completion, it is expected that these plans will be reviewed when required as an amendment to this licence
- the licence should include conditions that require proper handling and segregation of waste oil and other hazardous wastes

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- develop and implement an engineered site improvement plan which will effectively separate the two waste streams, prevent mixing of sewage and solid waste site effluents
- assess contaminants in solid waste site (the Hamlet has been working with CG&T to secure funding for the installation and sampling of monitoring wells on the south side of the site), remedial measures, progressive reclamation

Conditions Applying to Waste Disposal: Sewage Lagoon

- past inspections by the Department of Indian Affairs and Northern Development have noted erosion of lagoon berms in the area of the truck discharge chutes, the licence should require that discharge stations and culverts be maintained so as to prevent erosion
- the operations and maintenance plan should include a procedure for removing bagged toilet wastes and other solid wastes from the lagoon
- a minimum of annual sampling of the lagoon during periods of flow, as per the *Guidelines for the Discharge of Treated Municipal Wastewater in the Northwest Territories* (1992)

Total Suspended Solids	12 0 mg/L
BOD	100 mg/L
Oil and Grease	no visible sheen
pH	6-9
Fecal Coliform	10,000 CFU/100 mL
Ammonia	monitor only

General Comments

- the application forecasted a population growth 2.25% in five years, this would amount to approximately 34 persons which seems rather low

I hope these comments will be of assistance during the licensing process, should you have any questions or comments, please do not hesitate to contact me at (867) 975-4548 or by e-mail at johnsonmi@inac.gc.ca.

Sincerely,

Michelle Johnson
Kitikmeot/Kivalliq Regional Coordinator

c.c.: Mr. C. Bodykevich, Water Resources Officer