
From: "Michelle Johnson" <johnsonmi@inac.gc.ca>
Cc: <rbecker@polarnet.ca>
Sent: Wednesday, March 20, 2002 1:39 PM
Subject: Required Information

Good morning,

In order to review Cambridge Bay's water licence application, the federal departments will require more thorough completion of the supplementary questionnaire and some supporting documentation. I will list the requirements in the same order as the questionnaire.

II ATTACHMENTS

- I only have the maps that were submitted with the original application and they are very dark, illegible photocopies, clear maps delineating the locations of each item listed in the questionnaire are required

III WATER SUPPLY

- provide a description of the water intake, e.g. the distance of the intake from the shore and its depth
- elaborate on the water quality, what makes it fair in the summer and poor in the spring, is there a desire to improve its quality and is this a concern in the community?
- estimate the number of people on piped and trucked systems, the average water consumption and total water consumption for each system (numerical data from past years should be included)
- how much water will be required by the Hamlet; 57,000 m³/year; however, this has been exceeded in the past; forecast the amount required based on population growth to ensure that you will be in compliance with the limit on your new licence
- confirm that no changes are planned for the water supply system

IV SEWAGE DISPOSAL

- according to past inspections, there have been operational concerns with the lagoon (erosion of lagoon berms in the area of the truck discharge chutes, presence of solid wastes in the sewage lagoon, windblown debris from the dump)
- planned modifications should be thoroughly described

V SOLID WASTE DISPOSAL

- describe how solid wastes are collected and delivered to the disposal site
- the waste site should be fenced, are there plans to install a fence, if not, how will debris and litter be contained in the site
- describe the measures for waste reduction the municipality has considered
- describe the waste oil, scrap metal and hazardous waste storage areas, how are these materials separated from the general waste stream and how are they disposed of
- explain why the condition of the solid waste disposal area is unsatisfactory
- describe the changes that are planned for the site, when will these changes take place

VI INSPECTION AND MONITORING

- have the sites been inspected by inspectors other than from Indian Affairs and Northern Development?
- what is the procedure for reporting spills? Include a copy of the spill contingency plan (should be prepared in accordance with the Guideline on Contingency Planning - 1987)
- water samples are collected daily, where are the sample points and what are the samples tested for
- is there monitoring of wastewater effluent or leachate from the solid waste disposal site?
- are there any changes planned in the water quality monitoring program?

VII PUBLIC CONCERNS

- discuss the community's concerns with the water supply or waste disposal sites (e.g. water quality, proximity of waste disposal site to town, etc.)
- is there a concern with segregating the sewage and solid wastes?

IX TECHNICAL CONCERNS (CG&T)

- have Elders been consulted in the collection of baseline data?
- provide details on data collection on waste disposal site, sewage lagoon, most of the reports listed refer to the water supply
- submit clear detailed drawings of the solid waste disposal site and sewage treatment system as required
- how is the 1.0 metre freeboard maintained in the lagoon, how is flooding/overflow of the lagoon controlled?
- describe the water storage facility (240 m3 capacity)
- attach drinking water analysis from Bob Phillips
- provide some explanation for 2020 capacity of sewage lagoon (based on population growth but we need to be assured that the lagoon has sufficient capacity)
- how is discharge controlled (it is seasonal, based on ice free period?)
- no changes are stated; however, CG&T capital plan budgets indicate otherwise (e.g. \$1,150,000 is budgeted for the sewage lagoon in 2005/06)
- provide some explanation for 2020 capacity of the solid waste disposal site
- expand on plans to move the waste disposal site, when is this to occur and where will the new site be located?

Also, it would be a good idea for you to review the comments from Anne Wilson at Environment Canada. When we coordinate the environmental assessment screening, Environment Canada and Fisheries and Oceans will have an opportunity to comment on the application. Addressing their concerns as soon as possible will save time down the road.

I realize this is a long list but hopefully, you will receive cooperation from staff at CG&T to complete the application. Good luck, please call me if you have any questions (although I will be out of the office between March 22 and April 2, 2002).

Sincerely,

Michelle

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