

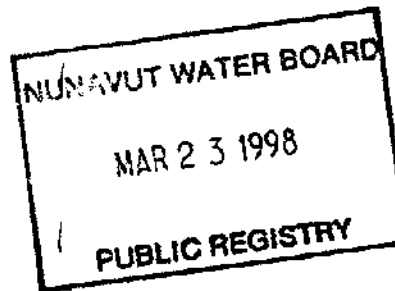


Indian and Northern Affairs Canada
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Your file Votre référence
NWB3PEL
N914-0568

March 23, 1998

Ms. Dionne Filiatrault
Technical Advisor
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NT X0E 1J0



Dear Dionne:

Re: Municipal Water Licence - Hamlet of Pelly Bay

Water Resources Division, and the Nunavut District Office have reviewed the above mentioned application for a Municipal Water Licence and have the following comments:

The water use conditions should include clauses to identify the water supply source and the volume limits for all purposes. The annual volume should not exceed 25,000 m³/year for a five year licence. This volume takes into consideration the estimated population growth of 22% over the next five years and the additional water that may be stored for emergency/fire uses. The intake hose used on the water pumps should also be equipped with a mesh size sufficient to ensure no entrainment of fish. A SNP sampling site should be required here to measure the volume of intake.

The sewage disposal facility consists of a lagoon with effluent being discharged seasonally over the tundra. Although the appearance of the effluent is clear within 200 metres of the discharge point, a SNP site should be established in this area (200 - 300 metres from the discharge point), sampled annually during periods of flow and analysed for the following parameters:

Total Suspended Solids	180 mg/L*
BOD	120 mg/L*
pH	
Faecal Coliform	
Ammonia	

* Regulated Parameters - Based on the NWT Water Board's "Guidelines for the Discharge of Treated Municipal Wastewater in the Northwest Territories". Please note, however, that the Hamlet is not the owner of the facility and would not be legally responsible for meeting the parameters if regulated.

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The reconstruction or reinforcement of the existing dyke at the sewage lagoon should be addressed as soon as possible to prevent any future failures.

Waste disposal conditions should include properly signing the appropriate areas, disposing bagged toilet wastes (honey bags), if any, at the bagged waste disposal facility to the satisfaction of an Inspector, and disposing solid wastes at the solid waste disposal facility or as otherwise approved by the Board. A SNP sampling site may be appropriate at the solid waste disposal site to monitor annual run off but the parameters should not be too onerous on the Hamlet.

The standard requirement for an Operation and Maintenance Plan should also be included. In addition to the basic requirements, the plan should address the waste metal disposal area identifying the designated area and the handling procedures.

One final recommendation would be to let the Hamlet review the draft licence prior to it being approved. This will allow them to comment and express any reservations they may have at this point. Hopefully, any reservations can be resolved early in the process and minimize the non-compliance problems later on.

If you would like to discuss any of the above items in further detail, please feel free to contact me at (403)669-2658.

Sincerely,



Shannon Pagotto
Regional Coordinator
Water Resources Division

c.c. Nunavut District