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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File: 3BM-GRI0308/Renewal

December 8, 2008

Bhabesh Roy, M.A.Sc., P.Eng.,
Municipal Planning Officer, GN-CGS
P.O. Box 379, Pond Inlet,
Baffin Region, NU, X0A 0S0

and,

Grant Scott, SAO (Interim)
Hamlet of Grise Fiord
P.O. Box 77, Grise Fiord
Baffin Region, NU, X0A 0J0

Subject: Hamlet of Grise Fiord; Submission of a Renewal Application for Licence 3BM-GRI0308

Dear Mr. Roy, Mr. Scott;

The Nunavut Water Board ("NWB") acknowledges the receipt of the renewal application of Licence No. 3BM-GRI0308. The renewal application was considered administratively complete except for the English and Inuktitut summaries which are outstanding. Once forwarded to the technical department for a preliminary technical review there were several areas of concern identified as follows;

1. The renewal application has no drawings, diagrams or maps of any facilities and no indication that these plans will be submitted;
2. In the Supplemental Questionnaire a number of items require completion:
 - a. Under 'III. Water Supply, Water Source', the type of water source is not identified;
 - b. Under 'III. Water Supply, Water Intake' the description of the freshwater intake facility simply states 'Stream'. It should include a description of the source of water, and how water reaches the storage tanks in the Hamlet;
 - c. Under 'III. Water Supply, Modifications' the questionnaire states that modifications are in the planning stages. The applicant should identify what the modifications will be and when they are expected to begin. It is likely that any modifications to the current system will require an amendment to any Licence being issued;
 - d. Under 'III. Water Supply, Identification', it is stated that there are no signs identifying drinking water sources despite an instruction following the July 31, 2002 inspection which states 'A sign shall be posted indicating to all residents that the area is off limits to all traffic and that the area is the recharge area for the potable water supply';
 - e. Under 'IV. Sewage Disposal, General Condition of the Sewage Treatment Facilities', it indicates that all the facilities are in Satisfactory condition, however during the January 11, 2000 INAC inspection it was noted that the sewage lagoon pump-out chute freezes and that a metal ramp is used in place of

this chute. The applicant should clarify if this is still a problem or what system is now in place;

- f. Under 'IV. Sewage Disposal, Identification', the question as to whether there are signs identifying the past and present sewage disposal sites has not been filled out;
 - g. Under 'V. Solid Waste Disposal' the proponent has not filled out a description of how solid wastes are collected and delivered to the disposal area;
 - h. Under 'V. Solid Waste Disposal' the proponent has indicated that there is no fence around the solid waste disposal facilities. As far back as the 2001 inspection the INAC inspector noted that the community was attempting to secure fencing for the site, is there a reason for the continued delay?;
 - i. Under 'V. Solid Waste Disposal, Waste Reduction' the proponent has not described how and when the municipality burns garbage?;
 - j. Under 'V. Solid Waste Disposal, Bulky Scrap Metal Waste Disposal Area' the proponent has not described the location or operational plan of the bulky and scrap metal waste disposal area;
 - k. Under 'IX. Technical Information, Water Treatment' it is indicated that changes to the water treatment facility are planned but no information on these alterations is provided; and
 - l. Under 'VI. Inspection and Monitoring, Monitoring Program' part c asks for a description of any monitoring done for wastewater effluent and leachate. The proponent has indicated that the INAC inspector did sampling during the July 2008 decanting. The sampling should be done every time effluent from the Sewage Disposal Facilities is discharged, whether an INAC inspector is present or not, as per Part D, Item 2 of the current Licence.
- 3. The 2005, 2006 and 2007 annual reports have not been received by the NWB;
 - 4. A document identifying the Final Discharge Points, requested under Part D, Item 8 of the current Licence, has not been received by the NWB;
 - 5. An Operation and Maintenance Plan, requested under Part F, Item 1 of the current Licence, has not been received by the NWB; and

The NWB is requesting a submission of the above outstanding information in order to evaluate the current renewal application and continue through the renewal process. Due to the numerous incomplete sections on the Supplementary Questionnaire, the proponent is encouraged to resubmit the questionnaire with all sections filled out. The renewal application will not go out to the parties and interested persons for technical review and comment until the aforementioned deficiencies are addressed.

Should you have any further questions, please feel free to contact me at (867) 360-6338, at your earliest convenience.

Yours truly,

Deon Bridge
Technical Advisor