



Water Resources Division  
Qimugjuk Building  
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Your file - Votre référence

January 22, 2003

Our file - Notre référence

Mr. Jim Wall  
Technical Advisor  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, Nunavut  
X0B 1J0

Re: Rankin Inlet - NWB3GRA0207

As a follow-up to my e-mail dated January 16, 2003, I would like to state the concerns of Indian and Northern Affairs Canada with respect to the recently issued Rankin Inlet Water Licence. Because there are two water licences for the water use and waste disposal activities in the community, it is important that the licences avoid the duplication of responsibilities while ensuring sustainable practices.

- Part B - Since the solid waste facility is managed by the Hamlet, details of its operation needn't be included in DPW's Annual Report, also DPW should not have to report spills that occur at the Solid Waste Disposal Site.
- Part C - Rankin Inlet does not have a lagoon, the liquid effluent from the treatment facility is disposed of in the ocean, conditions three and four should be removed.
- Part E - The first condition has a small typo "the Nunavut", it is unlikely that DPW will construct dams or dykes but it does not hurt to leave this condition as is, the second condition has inconsistent numbering (a, ii, iii), and condition three should probably refer to condition two, not one (although this is consistent with other municipal licences).
- Part G - The items pertaining to leachate prevention and type/source of cover materials are not applicable.

In addition, the licence does not specifically address the issue of screenings/sludge waste from the sewage treatment plant and a condition should be added to direct these wastes to an approved location within the Hamlet's solid waste disposal site. The Water Resources

Canada

Officer, Constantine Bodykevich, estimates that 500 kg of screenings are disposed of on a weekly basis. The Operation and Maintenance Plan for the Sewage Treatment Plant should include provisions for the removal of screenings and their disposal. Water Resources Inspector's have noted this problem in past inspections and I have included a summary of some of their recommendations.

July 27, 2000            "Nunavut Water Board (NWB) approval has yet to be granted for the disposal of sewage screenings originating from the sewage treatment facility. Therefore, the Inspector requests that the Licensee either update or validate the attached memorandum relating to the now ongoing disposal of sewage screenings at the solid waste disposal site. Formal NWB review could then proceed in a timely manner."

August 27, 2001        "the Nunavut Water Board (NWB) has yet to receive the required information concerning the disposal of the sewage screenings/sludge generated at the plant." The "Inspector reminds the Municipality that once the waste originating from various undertakings is allowed to be discarded at the solid waste disposal facility, it becomes the Municipality's responsibility to see to its proper disposal.

March 28, 1998        "The Licensee has yet to submit an O&M Plan and a plan for the disposal of sewage materials. The Licensee has improved/expanded the disposal facilities for screened sewage waste at the dumpsite, but has yet to have the site approved by the Board."

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4548 or by e-mail at [mcchristiem@inac.gc.ca](mailto:mcchristiem@inac.gc.ca).

Sincerely,  
*Original signed by:*

Michelle McChristie  
Kitikmeot/Kivalliq Regional Coordinator

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