

April 14, 2008

Richard Dwyer
Licensing Administrator
Nunavut Water Board

via Email to: licensingadmin@nunavutwaterboard.org

**RE: NWB FILE # 3BM-HAL0308 – HAMLET OF HALL BEACH – MUNICIPAL
WATER AND WASTE DISPOSAL RENEWAL APPLICATION**

Dear Mr. Dwyer:

The Government of Nunavut, Department of Environment (DOE) has reviewed the water license renewal application from the Hamlet of Hall Beach, and has the following comments and recommendations to make, based on the *Environmental Protection Act*.

SOLID WASTE DISPOSAL FACILITY

- It is unclear if leachate from the solid waste disposal facility is contained. It is important that leachate be contained, treated and tested prior to its discharge in order to prevent contaminants from entering the surrounding environment.
- A spill contingency plan should be provided for review. The applicant is referred to DOE's *Spill Contingency Planning and Reporting Regulations* and *Spill Reporting in Nunavut: a Guide to the New Regulations*.
- It is unclear whether fencing is in place for the landfill. It is important that fencing with signs for the landfill is installed to ensure environmental protection and public safety.
- If open burning is the option currently in use in Hall Beach, the following should be applied. Open burning of non-segregated municipal solid waste (MSW) remains a last option for the management of MSW. Continuation of this practice should not be allowed unless a site-specific assessment fails to identify a feasible and practical alternative. In this instance, the DOE accepts that the practicalities of waste disposal in Hall Beach make it one of the only viable options for waste volume reduction and management. However, the DOE recommends the following:

- The principle of source reduction should be utilized to reduce, reuse and recycle materials otherwise bound for landfill.
- Municipal solid wastes that are conditionally suitable for open burning are paper products, paperboard packing and untreated wood wastes only. Other wastes such as hazardous wastes should be contained in a designated area and be managed appropriately.
- The appropriate materials are segregated and burned in a controlled manner and at a controlled site which is separate from the working landfill so that the fire cannot spread.
- Standard burning conditions shall apply, such as burning on days where winds are light and blowing away from the community.
- Materials are burned in manageable volumes so that fires do not get out of control.
- Having applicable permits for burning.

SEWAGE LAGOON

An Operation & Maintenance (O&M) plan outlining operation and maintenance procedures should be provided for review.

DOE thanks NWB for the opportunity to provide comments on this renewal water license application. Please contact us if you have further questions.

Yours sincerely,

Original signed by

Froeydis Reinhart
 Scientist/Coordinator, Environmental Assessment
 Department of Environment
 Government of Nunavut
 P.O. Box 1000, Stn. 1360
 Iqaluit, Nu X0A 0H0
 PH: (867) 975-7735
 FX: (867) 975-7739
 EM: freinhart@gov.nu.ca