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Department of Environment

Ministère de l'Environnement

August 30, 2009

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board

via Email to: licensing@nunavutwaterboard.org

**RE: NWB FILE # 3BM-RAN0207 — WATER LICENSE RENEWAL
APPLICATION — HAMLET OF RANKIN INLET**

Dear Ms. Beaulieu:

The Government of Nunavut, Department of Environment (DOE) has reviewed the water license renewal application from the Hamlet of Rankin Inlet. Based on DOE's mandate under the *Environmental Protection Act* we have the following comments and recommendations to make.

GENERAL

The proponent should specify what type of training employees will receive regarding operations and maintenance, as well as spill contingency training.

A tentative timeline should be submitted for the commissioning of the new solid waste facility and the decommissioning of the old landfill.

LANDFARM

The proponent has stated that the landfarm is a distance of 5 km from town and thus feels no need to prevent access to it. However, DOE recommends that proper fencing as well as signage be installed at the facility to ensure the safety of the public as well as wildlife.

The type of fertilizer that will be used at this facility should be provided, as well as how the proponent plans to store this product.

The proponent should clarify their intentions for the disposal of waste oil-contaminated soil as it cannot be treated through bio-remediation.

SOLID WASTE FACILITY

The new solid waste facility should have a liner installed prior to use in order to prevent any contamination of underlying soil.

OPEN BURNING

The proponent has stated that waste wood and wood materials will be disposed of through open burning. If this is the only viable option for waste wood reduction, DOE recommends the following:

- 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.
- Have applicable permits for burning.
- Materials must be burned in a controlled manner and at a controlled site which is separate from the working landfill so that the fire cannot spread.
- Waste wood treated with preservatives such as creosote, pentachlorophenol or heavy metal solutions should not be burned.

DOE thanks the NWB for giving us the opportunity to review and provide comments on the Hamlet of Rankin Inlet's water license renewal application. Please contact us if you have any questions or comments.

Yours sincerely,

Original signed by

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