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## Avatiligiyiit

Department of Environment

Ministère de l'Environnement

August 21, 2008

Phyllis Beaulieu  
Manager of Licensing  
Nunavut Water Board

**via Email to:** [licensing@nunavutwaterboard.org](mailto:licensing@nunavutwaterboard.org)

**RE: NWB FILE # 1BR-RAN – Government of Nunavut-Community and Government Services – Rankin Inlet Landfarm**

Dear Ms. Beaulieu:

The Government of Nunavut, Department of Environment (DOE) has reviewed the water license application from the Government of Nunavut – Community and Government Services to construct a landfarm to remediate hydrocarbon contaminated soil in the Hamlet of Rankin Inlet, and has the following comments and recommendations to make based on the *Environmental Protection Act* regarding monitoring and abandonment and restoration.

## 1. MONITOROING

- The landfarm is in area where evaporation exceeds precipitation and the Proponent does not expect effluent discharges to occur. However, if water collects in the internal landfarm sump and a discharge is required, it is vital to test, and if necessary, treat the potentially contaminated effluent prior to discharge. Details regarding monitoring (i.e. discharge criteria) should be provided for review.

## 2. ABANDONMENT & RESTORATION

Based on the DOE's *Environmental Guideline for Site Remediation*, the DOE has the following recommendations to make:

- Final inspections of the entire site should be conducted by the proponent and lead agency to make sure that all areas of the site have been reclaimed as much as possible to its previous condition. Soil Samples and pictures before and after the project would make this process easy on the proponent and leading agencies involved in determining areas of concern. It is important the level of residual contamination that will remain on the site be identified.

We thank the NWB for the opportunity to provide comments on the Government of Nunavut – Community and Government Services' water license application for the Rankin Inlet Landfarm. Please contact us if you have further questions.

