



**Environment Environnement
Canada Canada**

Environmental Protection Branch
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September 4, 2003

Our file: 4782 031

Jim Wall
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Nunavut Water Board
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Gjoa Haven, NU X0B 1J0
Tel: (867) 983-2214

Via Email at Tech1@nwb.nunavut.ca

Dear Jim:

RE: Hamlet of Hall Beach – Decommissioning of Old Sewage Lagoon

As per our telephone conversation on September 3, 2003, and your subsequent email, please find attached the additional information required by Environment Canada in order to facilitate the review of the request to decommission the old sewage lagoon in Hall Beach.

- What is the anticipated total volume of material to be pumped out of the old sewage lagoon into the new lagoon? Will the new lagoon have sufficient capacity to hold this material?
- Approximately how much sludge is contained within the old sewage lagoon? Will a total depth of one metre of fill material be enough to ensure complete coverage of the sludge?
- What types of waste are to be disposed of in the proposed landfill? Will the area be used for the storage of any hazardous wastes, including waste oil?
- What are the dimensions of the berm separating the old sewage lagoon from the new sewage lagoon? Is it sufficient to prevent seepage from the proposed landfill into the new sewage lagoon?
- What mitigation measures will be constructed around the proposed landfill to prevent seepage from the landfill into the surrounding environment?
- It is recommended that a spill contingency plan be developed, or the current plan revised, to reflect the addition of the proposed landfill, and outline the clear path of response in the event of a spill. All spills are to be documented and reported to the NWT Spill Line at (867) 920-8130.
- What is the frequency of the proposed monitoring plan for the monitoring well and thermocouple? Environment Canada requests that the location of the well and thermocouple be submitted when available.

If there are any changes in the proposed project, EC should be notified, as further review may be necessary. Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4639 or by email at colette.meloche@ec.gc.ca.

Yours truly,

Original signed by:

Colette Meloche

Environmental Assessment Specialist

cc: (Mike Fournier, Northern Environmental Assessment Coordinator, Environment Canada, Yellowknife)