



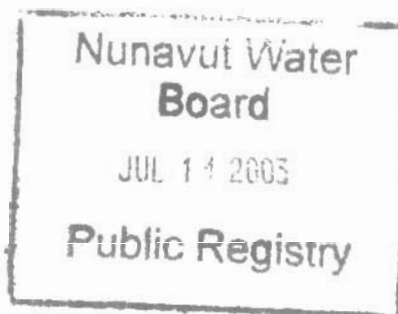
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July 11, 2003

Nunavut Water Board
P.O. BOX 119
GJOA HAVEN, NU X0B 1J0
FAX: (867) 983-2216

Attention: Mr. Jim Wall
Technical Advisor

Re: **The Hamlet of Hall Beach
Decommissioning Old Sewage Lagoon**



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In September 2002 and following the completion of construction works, the Department of Community Government & Transportation (CG&T) commissioned the new sewage lagoon in Hall Beach. The new lagoon site is located just adjacent to the old lagoon.

Ever since, the old lagoon was left unused and intact to allow the process of ex-filtration of the remaining of the sewage in that lagoon. This year CG&T is willing to decommission the old lagoon according to the following scope of work:

- Any mix of spring runoff and/or sewage in the old lagoon will be pumped out and discharged in the adjacent new sewage lagoon.
- The existing old lagoon will be converted into a landfill site. For which, a total depth of 1 meter of clean granular fill materials will be used to cover the existing sludge in the lagoon. This should insure that the sludge underneath the fill material will be incorporated in the permafrost.
- A monitoring well as well as a thermocouple will be erected to monitor the behaviour of the active layer. The monitoring process will be in place for at least 2 years to collect reliable data on the behaviour of the old lagoon. Also, to insure that the sludge is fully incorporated in the permafrost.
- In order to be able to finish the work within the construction season, CG&T is intending to start the decommissioning works on August 11, 2003.

Should you have any questions or concerns, please do not hesitate to contact the undersigned.

Yours Truly,

Sameh Elsayed, P. Eng.

030711NW B3HAL Decom Old Sewage Lagoon - ITAE