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2 July 1996



Mr. Jim Strickland  
Director of Municipal Works  
Hamlet of Cape Dorset  
P.O. Box 30  
Cape Dorset, NT  
X0A 0C0

Dear Mr. Strickland:

Emergency Discharge of the Cape Dorset Sewage Lagoon

I would like to provide the following summary as a follow-up to the discussion between you, Mr. Steve Harbicht of Environment Canada and myself held on June 12, 1996 regarding the Cape Dorset sewage lagoon.

The new sewage lagoon has experienced considerable run off this spring resulting in an overflow situation and a threat of the lagoon failing. At the time of the call, you requested approval to discharge the lagoon to prevent this from happening. Since the new lagoon has operated for about three months, the lagoon effluent will be mostly run off. This coupled with the possibility of the lagoon failing necessitates a controlled discharge. We understand the effluent will travel overland for approximately 300 yards before it reaches the ocean. Both the Department of Renewable Resources and Environment Canada has approved your request to conduct a controlled discharge should it be required with the following conditions:

- 1) take an effluent sample and have it analysed for BOD, TSS, Faecal coliform, pH, and ammonia, then forward a copy of the results to us (contact Sara Brown with the Town of Iqaluit for advice on taking the representative sample and shipping it to a lab used by them), and
- 2) advise the NWT Water Board through your water licence application of the problems you have experienced with the new sewage lagoon and the steps required to prevent this incident from reoccurring.

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If you have any questions on the above, please call me at (403) 873-7654.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Harvey Gaukel". The signature is fluid and cursive, with a prominent initial "H".

Harvey Gaukel  
Hazardous Substance Technologist  
Environmental Protection Division

c.c. S. Harbicht, Environment Canada  
A. Keim, Renewable Resources, Cape Dorset  
R. Eno, Renewable Resources, Iqaluit  
G. Wray, NWT Water Board