

Municipality of Igloolik P.O.Box 30 Igloolik, NT XOA OLO

# FAX Transmittal

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To: Peter Kusugak  
DIAND

Date: August 27, 1999  
Pages: 1

Fax: 867-979-6445

NWB316L

From: David M. Hauli  
Mun. of Igloolik

RECEIVED  
AUG 27 1999

Ph: 867-934-8912 Fax: 867-934-8451

Re: Discharge of Sewage

Peter

As per requested I'm writing in regards to my plan to manually discharge some of the sewage in our three cell sewage lagoon system. I feel this is necessary because if we don't, all the cells will probably be full by March or April of next year. Sewer freezes solid inside these cells during winter and if we over fill them ice pressure may crack the berms, therefore weakening them.

In the past years we've never had to manually discharge the sewage because of the type of granular we use for the berms. Sewage would freeze during the winter, then melt during the spring, then during a period of 6 to 8 weeks it would very slowly seep through the berms.

Seepage from the lagoons this summer seems to be slower than usual, probably due to debris, etc clogging up the bottom of the lagoons and the berms themselves. Also with cell No. 3 one factor is that melting permafrost from the small hill above the lagoon is slowly seeping into it.

So I suppose my questions are:

How much in volume is acceptable for discharge in a day/weeks/months?

Are samples required for analysis prior to discharge and during discharge?

What kind of reports are required and for whom?

To lower the level of sewage by one meter in cell #3 would be approximately 7,500,000 litres of discharge.

I hope this gives you a better idea of the potential problems I might be facing in the near future.

cc: Dionne Filiatrault-Nunavut Water Board  
cc: Henry Boychuk- SAO Igloolik, NT

Regards

*D. Hauli*  
Hamlet Foreman