

Fisheries and Oceans
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September 3, 1999

Dionne Filiatrault
Technical Advisor
Nunavut Water Board
Box 119
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mx.

| INTERNAL | |
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| PC | mx. |
| IA | 09/03/99 |
| OB | |
| TA | 3/09/99 |
| UB | |
| FD | |
| CE | |
| BRD | |

**Re: Manual Discharge of Sewage from three cells at the Igoolik Sewage Lagoon Treatment System
NWB31GL**

On behalf of the Department of Fisheries and Oceans, Habitat Management, (DFO-HM) I have reviewed the information in your fax dated September 3, 1999 with respect to the above request.

Given the urgent nature of the request DFO-HM agrees that it is in the best interest of the community and the integrity of the lagoon system that effluent be manually discharged. The following recommendations are suggested:

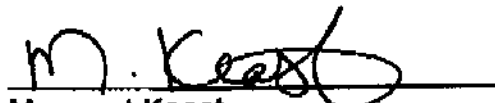
1. Only treated effluent from cell number 3 be discharged to the environment.
2. A sample is collected at the beginning of the discharge, during the discharge phase and at the end of the discharge phase from the Surveillance Network Program IGL-3. These samples should still meet the end-of-pipe parameters set in the water licence.
3. The effluent being discharged be dispersed over several weeks and done intermittently.
4. The discharge point of the effluent be rotated.
5. A contingency plan is developed and submitted for review to address the problems identified in David Hauli's letter to prevent them from reoccurring. Concerns to be addressed but not limited to should include:
 - a) A solution to the clogging of the lagoons and berms, thus allowing seepage from the cells.
 - b) A qualified engineer inspects the integrity of the berms during the winter months.

c) Diversion of the melting permafrost from the small hill above the lagoon cell 3.

Please note that none of the foregoing should be taken as authorisation of the undertaking in accordance with the Fisheries Act or any other legislation.

If you have any questions, concerns or comments with respect to the above, please do not hesitate to contact me.

Regards,

A handwritten signature in black ink, appearing to read 'M. Keast', is written over a horizontal line.

Margaret Keast
Habitat Management Biologist, Nunavut Area

Cc. Gary Weber, Area Manager, DFO - Nunavut Area

Cc. Winston Fillatre, Fishery Officer, DFO - Nunavut Area