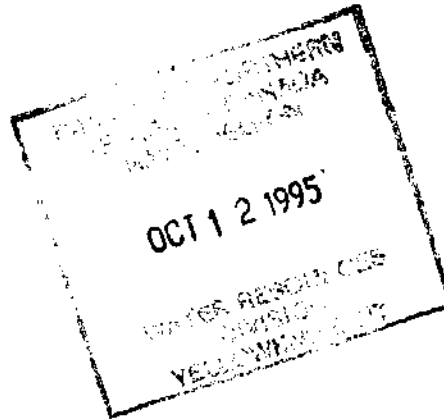


Environment
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Oct. 12, 1995

Office Coordinator
Technical Advisory Committee
NWT Water Board



Your file Votre référence

Our file Notre référence

GRISE FIORD
TAC

Dear Ms Conroy:

Re: Grise Fiord Sewage Lagoon - Final Construction Plans

On behalf of the Environmental Protection Branch, Environment Canada (EPB) I have reviewed the above documents, in conjunction with the UMA Engineering Ltd. report entitled "Grise Fiord, NWT Sewage Disposal Improvements Design and Operations Concept Report".

The proposed lagoon location and storage capacity appear to be appropriate, and there are no concerns with construction of the new lagoon as proposed. Although the drawings do not indicate it, I understand from the engineer that the decant method will be by pumping, as late in the season as possible, into the "Type A" ditch which will include erosion protection. The plans for the "Type B" ditch, which receives surface drainage, do not include erosion protection. Timing of construction and channel stabilization should be done such that erosion during peak runoff does not occur.

With respect to the old lagoons, it has been suggested that they be used for honey bags and solid waste disposal prior to being capped. Any such proposal should include remedial work in the "leaky" areas of the berms to make them impermeable. I trust this proposal will be circulated for review at a future date.

Please do not hesitate to contact me at (403) 920-6053 with any questions or comments regarding the foregoing.

Yours truly,

Anne Wilson
Water Pollution Specialist

cc: Steve Harbicht (Head, Assessment & Monitoring, EPB)

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