

NORTHWEST
TERRITORIES
WATER BOARD



ALASKA
NORTHWEST
TERRITORIES

February 5, 1996

Mr. Gary Craig, P. Eng.
District Manager of Engineering
UMA Engineering Ltd.
P.O. Box 2545
Yellowknife, NT X1A 2P8

INDIAN AND NORTHERN
AFFAIRS - CANADA
N.W.T. REGION

FEB - 7 1995

WATER RESOURCES
DIVISION
YELLOWKNIFE, NT

*file
- district
- binder*

*GRISE FIORD
NUNAVUT
DIST.
WBB*

Dear Mr. Craig:

RE: GRISE FIORD SEWAGE LAGOON DESIGN REVIEW

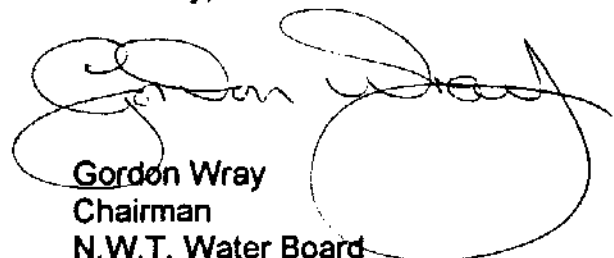
Thank you for your letter of November 27, 1995 regarding the subject matter. Based on the technical advice received the Northwest Territories Water Board has reconsidered the items in question.

The Board's letter of November 10, 1995 stated that erosion protection should be provided in all ditches. A more appropriate recommendation would be to provide erosion protection in the portion of the run-off ditch which is labelled as Type 'B' on your drawings. This ditch is downstream of the portion labelled Type 'A'. It will receive the lagoon overflow, and is located in an area where the natural ground slope becomes steeper. The Board apologizes for any confusion.

It is understood that approximately two thirds of the site consists of generally silty sand below a depth of 0.6 m. In this area, where finer soil is prevalent, additional erosion protection is considered necessary on the cut slopes. Such erosion protection should extend from the top edge of the slope to some distance below the minimum water level.

If you require further assistance, please contact this office. If your inquiry is of a technical nature. Please contact Mr. Brian Collins at (403) 920-8219 or Mr. John Witteman at (403) 920-8240 of the Water Resources Division.

Sincerely,


Gordon Wray
Chairman
N.W.T. Water Board