

Solids loadings may be significantly higher, possibly impacting on the performance of the lagoon.

Oil and Grease – The proposal would seem to indicate that the tannery effluent can be expected to have Oil and Grease in the order of 1250 mg/L. This value is significantly higher than what is typical from a sewage truck and will almost certainly impact on the performance of the lagoon.

Lastly, the proposal makes no mention on the volume of effluent that can be expected from the tannery operation. This is critical as we note the following:

Population of Qikiqtarjuaq (1999)	508
Quantity of Sewage Produced (assume 90 lcpd)	16 688 m ³
Capacity of Lagoon (as per Water Lic. Applic.)	16 300 m ³

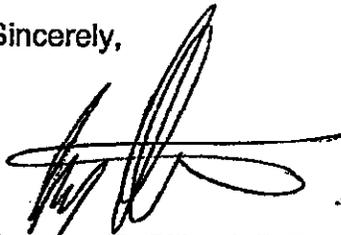
While the community has not experienced overflow problems with their lagoon to date, a significant increase in volume discharged to the lagoon may have significant detrimental impacts.

In summary, we believe that further testing and monitoring of the effluent from the tannery is required prior to disposal to the community sewage lagoon or community solid waste disposal facility.

Our department would like to work with the Nunavut Impact-Review Board, the Nunavut Water Board, the Department of Sustainable Development and the community to resolve these issues to the mutual satisfaction of all involved parties.

Should you wish to discuss these comments further, please do not hesitate to contact me at 867-975-5341.

Sincerely,



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