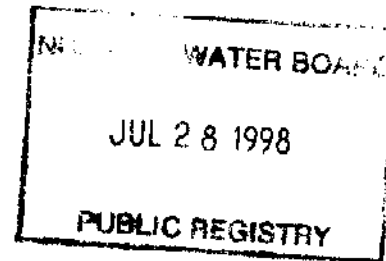




BAKER LAKE, N.W.T.  
X0C 0A0

July 16, 1998

To: Dionne Filiatrault  
Technical Advisor  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NT  
X0E 1J0



Re: Water Intake Modifications - Hamlet of Baker Lake

Dear Dionne Filiatrault

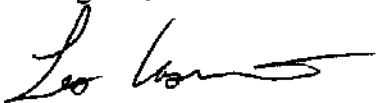
In response to your letter dated May 4, 1998, addressed to Mr. David Tagoona.

- i. Please be advised that the required application form accompanied by a 30.00 cheque will be sent to you in the next two weeks.
- ii. The Hamlet will not exceed 100,000 cubic meters of water in the next 15 years based on the present population projections, and consumption records.
- iii. The future pump house will be relocated adjacent to the existing facility. You have expressed concerns that the intake is located directly offshore from the community and that during spring runoff, all sorts of debris and possibly contaminants enter the water supply. I would like you to refer to "Baker Lake Water Quality Study" December 11, 1995 completed by the Water Resources Division of Indian and Northern Affairs Canada. Based on the results of this study, the quality of the drinking water in Baker Lake does not appear to be threatened by contamination from run-off from the waste disposal facilities or surface run-off from the community. An alternate location was studied in April 1991, "Whitehills Lake Water Source Evaluation", the capital cost involved made this project not viable. The Hamlet Council consulted with MACA and determined with the extremely poor condition of our existing intake line and the lack of capital dollars we could not delay this project to further study more alternate locations. Please keep in mind that the existing intake line has been in place for over twenty years and has not been encroached by an existing sandbar. Moving the intake line to another location without a comprehensive study would involve some risk.

- iv. Construction will take place during winter months.
- v. The screen is sized to DFO Guidelines.
- vi. Reclamation of the existing line would require dredging and additional disturbance to the lake bed. This is not recommended. The existing line must stay in place until the new line is commissioned. Should there still be a requirement for the old line to be removed, it can be completed at a later date. The removal of this line is not in the current scope of work and additional capital dollars would need to be identified. The MOT line can not be reclaimed under this project. Repairing or salvaging this line is not financially viable, it was abandoned by Transport Canada because it was too costly.
- vii. The existing fuel tank is a 1100 litre tank and is not required to have spill containment by current codes. The Hamlet will consider spill containment in the future when more funding is available.
- viii. The pump house modifications will improve the overall operation of the water delivery system, and will therefore move the Hamlet towards full compliance with Health regulations.

Thank you for your comments on the Water Intake Modifications. The current condition of our existing water intake makes it imperative that we replace it. Please be advised that we have a limited budget and the Hamlet Council believes the improvement to our existing Pump House are necessary and well thought out.

Regards,



Leo Caouette,  
CWMS Trainer

cc G. Strong - Dillon Consulting Ltd.  
D. Forseyth - MACA, Keewatin  
S. Bohnet - INAC Water Resources Yellowknife  
P. Smith - INAC Iqaluit  
C. Ogilvie - EC/EPB  
B. Rideout - Keewatin Regional Health Board  
L. Dyer - GNWT/RWED