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 NUNALIKNI KAVAMAITA, IKULIKINIKULLU, AULAJAAKTULIKIPIILLU HAVAKVIAT  
 DEPARTMENT OF COMMUNITY GOVERNMENT, HOUSING & TRANSPORTATION  
 MINISTÈRE DU GOUVERNEMENT COMMUNAUTAIRE, DE L'HABITATION ET DES TRANSPORTS

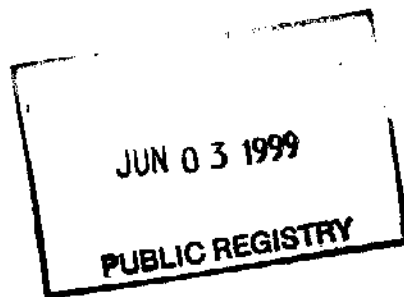
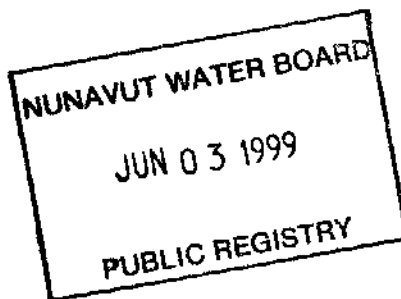
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June 3, 1999

By Facsimile: 867-360-6369

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

Dear Ms. Filiatrault:



Hamlet of Pangnirtung  
 N5L4-1447

Further to your letter of May 27, 1999, addressed to David Parker, concerning the proposed road and sewage lagoon construction in Pangnirtung, I understand that you have met with Mr. Parker and the majority of your concerns and questions have been addressed.

I understand that your concerns remain as follows:

1. De-commissioning of new site at end of life: Although the Government has not specifically addressed de-commissioning in any of the studies, a fundamental principle behind the Government is that of sustainable development, which also involves environmental protection. It is expected that the current proposed design will have a life of approximately 25 years. Currently, the Department of Community Government, Housing and Transportation (CGH&T) identifies firm capital budgets in a 3-year planning horizon, capital projects in a 5-year planning horizon and capital needs on a 20-year planning horizon. You will note that the proposed design calls for a second lagoon some 7 years in the future. This project will be added in the capital needs and implemented when actually required. A de-commissioning project will be added in year 20 after the lagoon has been constructed. Furthermore, over the life of the asset, staff from the Departments of CGH&T and PWT&TS will be visiting Pangnirtung and addressing lifecycle management issues for all assets. Once it is identified that the Pangnirtung sewage lagoon is approaching the end of its useful life, studies will be initiated to abandon and restore the site and address the future sewage treatment needs of the community, employing the technology of the day. Currently, it is typical to drain an old lagoon, and over a 2 to 3 year period turn the sludge. After 2 to 3 years, the sludge is removed to the solid waste disposal area and buried. The remaining hole is either filled or leveled. Lastly, the Government will ensure that the current dumping location is cleaned and restored (likely involving dredging and fill).

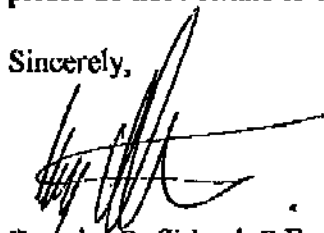
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2. Annual inspection: Currently staff from the Departments of PWT&TS and CGH&T make frequent visits to all communities for various reasons, including inspection of assets. Although typically no formal reports are prepared (unless a problem is identified), we believe these inspections are sufficient. To provide formal engineering inspections of all sewage lagoons, solid waste disposal areas and reservoirs (water lakes) would be beyond the financial capabilities of the government. Given the unique design of the Pangnirtung sewage lagoon (on the tidal flats), the Government will be certain to monitor the berms and road on a more frequent basis than is typical.
3. Ownership of the asset: Typically, the Hamlets own all municipal infrastructure within their communities. Generally, each community is responsible for normal maintenance as required. For specialized maintenance (for example chlorinating the water reservoir in Pangnirtung), PWT&TS provides assistance. Should a particular problem with an asset come to light, either CGH&T or PWT&TS are available to offer advice. Hamlets are provided monthly payments from CGH&T which provide for operations and maintenance within the communities. Furthermore, communities collect revenues through water and sewer charges. These sources of funds are meant to sustain the community for all operations and maintenance. Should it be determined that a particular problem with an asset is beyond the scope of regular operations and maintenance, CGH&T would either identify a capital project or provide extraordinary funds to address the problem.

I trust this addresses your concerns. Should you wish to discuss the matter further, please do not hesitate to contact Mr. Parker or myself.

Sincerely,



Douglas R. Sitland, P.Eng.  
Municipal Planning Engineer  
Community Government, Housing and Transportation

cc: Rita Mike, SAO - Hamlet of Pangnirtung  
P. Smith, Indian and Northern Affairs Canada  
Nunavut Impact Review Board  
David Parker, Project Officer - PWT&TS