

24/4/ (LIGHT) 4/4/4 DP4 Nunalingni Kavamatkunillu Pivikhaqautikkut Department of Community Government Services

Ministère des Services communautaires et gouvernementaux

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Subject: Water License 3BM-ARC 0810-Submission of the "Operation and

Maintenance Manual-Arctic Bay Water Waste water Facility":

Commissioning new Lagoon and decommissioning the old lagoon.

Dear Ms. Beaulieu:

I am writing you to confirm that we are willing to revise the Abandonment and Restoration Plan of the existing old sewage lagoon satisfying the requirements of the Water License. Our action plan is as follows:

- 1. The consultant has been advised to review your letter and comments dated August 10, 2012. Following your comments and recommendation, the consultant will conduct a geothermal analysis to confirm the proposed cover thickness of 1.5m is sufficient to encapsulate the sludge in the permafrost for a design period of 20 years taken consideration climate change.
- 2. Following the permission of the INAC inspector dated August 21, 2012, Hamlet will start decanting the old lagoon.
- 3. The Contractor is at site and has completed entire construction works on the new sewage Lagoon. Following the notice of commissioning to INAC inspector dated August 22, 2012; Hamlet will commission the new lagoon and start using this facility from August 23, 2012 and onwards.
- 4. Once decanting of the old lagoon is completed, the contractor will start working on the decommissioning of this old lagoon. The abandonment and restoration works are expected to be completed on or before September 30, 2012.

August 23, 2012



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- 5. By this time the consultant will complete geothermal modeling and also revise the abandonment and restoration plan.
- If the results of geothermal model dictate extra cover material, the contractor will follow the revised plan accordingly.
- Our intention is to complete all the construction works required for decommissioning of the old lagoon this summer 2012 so that the contractor can demobilize out of the project site before winter begins.

If you have questions or concerns, please contact me at any time. I will appreciate it if you keep me in the loop during the approval process.

Thanks You.

Bhabesh Roy, M.A.Sc., P.Eng.

Municipal Planning Engineer Community Government Services

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