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Nunalingni Kavamatkunillu Pivikhaqautikkut Department of Community Government Services Ministère des Services communautaires et gouvernementaux

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November 02, 2009.

## Sub: Amendment Application for Water License 3BM-KIM 0911

Dear Phyllis,

I am writing you in response to your letter of Mr. David Hohnstein, C.E.T., A/Director of Technical Services, of dated August 21, 2009 and submitting the following documents to satisfy the requirements to amend the existing water License of the Hamlet of Kimmirut.

- 1. The Plan for sewage disposal during construction
- 2. Plan for compliance and
- 3. Sewage effluent discharge criteria

Each item is self explanatory. Item 3 has been revised by the consultant Trow Associates Inc. They have considered the precipitation records for a 5-year, 20-year, 40-year and 100- year return period and analyzed the corresponding dilution rates based on these minimum yearly precipitation rates.

It has been recommended that the effluent criteria at the compliance point (discharge of the lower Lagoon) be based on a dilution factor for the minimum precipitation for a 40 – year return period. And the performance of the Enhanced Sewage disposal system shall be monitored at the out of the lower lagoon, KIM-6 and KIM-7.

We trust that this will satisfy the requirements to amend the existing Water license for the Municipality of kimmirut. I will appreciate if you keep me in loop of the approval process.

If you have any further question, please contact me at any time.



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Thanks.

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## PLAN FOR COMPLIANCE Municipality of Kimmirut

The construction of the Sewage Disposal Facility is related to granular production, construction of granular access road, rehabilitation of approximately 1.5km access road from the community to this facility. A Construction package for building only the granular access road has been awarded to Kudlik Construction ltd some time in summer 2009. The Plan of compliance of the individual activity is as follows:

**Granular Materials:** A granular deposit has been identified of capacity approximately 40,000 cubic metres. This deposit has been screened by NIRB at the beginning of this year. A Quarry permit has been obtained for the production of the granular materials for building roads and the berms of the proposed lagoons. A Spill contingency plan has been prepared by the Engineering Consulting Firm, Trow Associates Inc and submitted to NWB. The materials will be used for constructing granular road and stockpiled for rehabilitation of Municipal dump site access road and proposed sewage disposal facility.

**Granular Access Road:** Design was prepared by Trow Associates Inc. A contract has been awarded to Kudlik Construction Ltd. for production of the granular materials and building this access road. This access road is the most essential component because this will facilitate transporting granular materials for the construction and also for other projects. This is scheduled to start beginning of the next year. The construction equipment from the contractor is on the boat and expecting to be there at any time now.

Access road to MDS and Sewage Disposal Facility: Due to financial constrains, the construction of these two components has been deferred. Substantiation sheets have been submitted to capital planning for the additional funding required to complete these projects.