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

Phyllis Beaulieu Manager of Licensing Nunavut Water Board P.O. Box 119 Gjoa Haven, NU X0B 1J0 November 05, 2010

Reply to Sanikiluaq Water Licensing Issues: Sanikiluaq Water License #3BM-SAN0308

Dear Ms. Beaulieu,

In response to your letter dated on January 26, 2009 and subsequent reminder on July 29, 2010, I am replying to your questions as follows.

# 1. Annual reports from 2003 onward:

Annual reports from 2003 to 2009 are attached.

#### 2. Report on finial discharge points

Final Sewage discharge point (79°15'2.104"W,56°32'36.1085"N) is tentatively established at the end of the Lagoon on the wetlands prior to mixing and diluting with the surface water of the Eskimo Harbour, which is more than 2 km from the lagoon. Please see the location Map attached.

#### 3. An O&M manual

For three facilities, there should be three O&M manuals: A draft O&M manual of water supply system was sent to NWB already. O&M manual is neither available for sewage lagoon nor MSM because these are not the engineered facilities. O&M manuals will be developed once design works of these facilities are completed. We are presently in RFP process for tendering wastewater improvement project. Draft O&M manual might be available in 2011.

#### 4. QA/QC plan

The QA/QC plan belongs to the O&M manual of Sewage Lagoon. This plan will be developed along with the O&M manual of the Sewage Lagoon. This document might be ready some time in 2011.

# 5. Any maps, drawings, and or figures for the license

The Community location Plan is attached. The as built drawings of the WTF station will be part of the final O&M manual and ready at the end of 2010. Attach recent inspection report where description and pictures of waste site and Sewage lagoon are provided.



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#### 6. ID of water source

The Sanikiluag natural water lake is the ID of Source Water.

#### 7. Mesh size on intake

The screen slot opening is 1.5mm (0.06inches) as indicated in the drawings and O&M manual built in 1982. This is still there.

#### 8. Explanation of unsatisfactory conditions of water supply facilities

This facility has been designed for rehabilitation. The construction is in progress and scheduled to complete in November 2010.

# 9. Update on modifications to water supply/msw/sewage treatment facilities

Water supply: Discussed in item 8.

Sewage Lagoon: Funding is available and RFP is ready for advertisement to hire a consultant

MSW: The Solid waste project is under feasibility study. Fund is not available for capital project.

#### 10. Burning procedures for msw

The Community has a netting structure two sides open. They burn garbage inside that structure. The attached inspection report shows the picture of the structure.

#### 11. No ID of what waste was in msw facility

Domestic wastes and metal wastes. This site is located next to the lagoon. Recent inspection report is attached.

### 12. No date for the most recent INAC inspection

The INAC inspected recently Sanikiluag on August 16, 2010

#### 13. No sampling information

Water sampling: Daily water is being tested by CGS maintainer for free Chlorine residual. Microbiological quality of Water is tested monthly in Winnipeg Health Centre.



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# 14. Application states 68 m3 of water returned to the source; from where to where?

Currently Sewage truck has no metre for measuring quantity of water discharged. Therefore annual volume of potable water consumed is considered as the same volume of wastewater discharge by trucking to the Sewage lagoon annually. No device is established to measure the daily discharge to the source. Therefore please ignore 68 m3 of water returned to the source if any where mistakenly shown in the application.

#### Documents attached:

Appendix -A: Location Map of Sanikiluaq

Appendix-- B: Hamlet Annual Reports: 2003-2009

Appendix- C: Inspection Report

If you have any question, Please do not hesitate to contact me.

Thanks.

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