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Department of Community and Government Services Nunalingni Kavamatkunnilu Pivikhagautikkut Ministère des Services Communautaires et gouvernementaux

May 13, 2014

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Attention: Erik Skiby, Assistant Technical Advisor

Hamlet of Pangnirtung: Water Licence # 3BM- PAN 0801 Renewal Application: Response to the letter of Mr. Erik Skiby, Assistant Technical Advisor.

Dear Ms. Beaulieu.

In response to the letter of Mr. Erik Skiby, Assistant Technical Advisor, dated April 24, 2014, I am responding as follows with necessary clarification:

1. Plan for Compliance: Under this licence, Community has three Environmental Facilities:

Water Truck fills station, Wastewater treatment Plant and Waste management site (land fill):

- A. Wastewater Treatment Plant: Completion of Construction is expected by December 31, 2014
- B. Water Truck fill station/Water Reservoir: Construction is expected of the new truck fill station in December 31, 2016.
- C. Solid waste management (land fill): This project is on hold. Expected to know the status sometimes in June/July 2016. It is anticipated that new facility might be commissioned sometimes in 2018 subject to funding.
- Sewage Sludge and screening and fish Plant waste Management Plans:
- A. Sewage Sludge: The sewage sludge bag management will remain unchanged until construction of the WWTP is complete. Sludge management process will be modified from the existing process management.



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- B. O& M manual for WWTP: This plant was built in 2003 and it is interesting that NWB is looking for O&M manual now. Question is how the previous licence was renewed without this document. However, we do not have any electronic copy in the system. Please see attached a PDF file copies from the hard copy. The New O&M manual is expected to be available on or before December 31, 2014.
- C. Fish processing Plant: According to the Manager of Fish Processing Plant, they are buying headless fish now a days and they are not throwing any fish wastes to the land fill site any more. They are exporting the remains of the processed fish to the overseas market.
- 3. Water truck Fill Station (WTFS): This plant was built in NWT regime. Without O&M, how the previous licenses were renewed and why it is being asked today. However, we do not have any electronic copy in the system. Please find attach a PDF file copied from the hard copy.

The new plant is expected to be ready for commission in 2016.

## 4. Solid waste Disposal Facility:

This Capital project is on hold. The existing facility is not engineered and no O&M manual was prepared at the past. Since the new facility is delayed, we are working on the operating procedure for the existing facility and expected to be available by December 31, 2014.

## 5. Abandonment and Restoration:

- A. Old Sewage Lagoon: Please see attached the decommissioning plan.
- B. Old WTFS: The A&R Plan will be available 6 (six) months prior to commissioning of the new WTFS
- C. The A&R Plan for old landfill site will also be available six (6) months prior to commissioning of the new facility.



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## 6 Other:

Toxicity Test: An Amendment application is attached.

B. Inspection: Municipal Engineer will conduct an annual inspection and inspection report will be available along with the annual report. However, every three years interval, a licensed geotechnical engineer's inspection report will be made available for NWB and AANDC if required. However, for any emergency in geotechnical nature, a licensed geotechnical Engineer will conduct an inspection and inspection report will be made available to NWB and AANDC.

Considering the above information and clarification, we are requesting to renew the water licence of the Hamlet of Pangnirtung.

Please contact me if you have any issue or concern. I will also appreciate if you keep me in the loop for this water licence approval process.

Thanking You.

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

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