

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

May 16, 2014

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Attention: Sean Joseph, Technical Advisor

Re: Hamlet of Igloolik Water Licence # 3BM- IGL 0911 Renewal Application

Dear Ms. Beaulieu,

I am writing to clarify issues and concerns of the e-mail of Mr. Sean Joseph dated May 13, 2014 as follows:

- 1. Annual Reports for 2009 and 2010: Attached; No test result is available.
- 2. Lab results for 2011:. No test result is available. Annual report attached.
- 3. Lab results for 2012 and 2013 are attached and also the annual reports:
- 4. Water Licence Item 3 and 4 of Part E shows "The Licensee shall provide to the NWB for review as-built plans and drawings stamped and signed by an Engineer within ninety 90 days of completion of construction." This guideline will be followed.

## 5. O&M manuals:

- a. Water supply: This facility was built sometime in 1980s. The document should be transferred to NWB from NWT Water Board. However, this facility in noncompliance and manual is very old and does not satisfy today's requirements. The design of new facility is complete and available for construction. The manual of the new facility is expected to be available in 2016 once new plant is built and commissioned. The Manual for existing facility is attached.
- b. Sewage Lagoon: This facility was built sometime in 2000; no design drawings and O&M manual are available. The facility is noncompliance. The design for the new facility is complete. The project is currently on hold due to funding. exp Services Inc. is the designer of the new facility.
- c. Sewage Sludge Management: This is a part of item b. The sludge is kept at the bed of the lagoon untouched for the life time of this lagoon. This is the standard sludge management practice in the North.
- d. Solid waste Management Facility: This is a non -engineered facility. No design document, and O&M manual are available. exp services Inc. is on board to design a new facility and this project is currently on hold until further notice by GN. The New O&M manual will be available once new solid waste facility is built and commissioned.



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- e &f. These two items are the part of item b and as well as with the items b and d.
- 6. Annual Geotechnical inspection; Part F (item3): This is agreed with NWB that annual inspection will be conducted by an Engineer. Geotechnical Engineer will be hired as required on case by case basis.
- 7. QA/QC Plan, Part H, item 9 and Part F, Item 1f: Not available. This document will be part of 5 (b) under O&M manual.
- 8. No record is available.
- 9. Technical Summary: The detail information for the proposed facilities is not available since both sewage lagoon and landfill site project are on hold.
- 10. Compliance Plan:

F-1: Already answered in item 5 under O&M.

F-3: Already answered in item 6. This is a verbal agreement of GN with NWB.

H-9: already answered in item 7 under O&M.

Please contact me if you have any issue or concern with this application renewal process. 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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