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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No.: 3BM-PAN1417 /
Renewal – Amendment / PTR

May 04, 2017

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**Subject: Licence No. 3BM-PAN1417 – Submission of Renewal – Amendment
Application for Hamlet of Pangnirtung Municipal Licence**

Dear Mr. Roy:

The Nunavut Water Board (NWB or Board) received on April 4, 2017, from the Government of Nunavut – Community and Government Services (GN-CG&S), on Behalf of the Hamlet of Pangnirtung, an application to renew and amend Licence No. 3BM-PAN1417, which included the following documents:

- Authorization Letter from the Hamlet of Pangnirtung, March 16, 2017;
- NIRB Screening Decision Report, March 17, 2017;
- NIRB Screening Decision Cover Letter, March 17, 2017;
- NIRB Notice of Assessment, March 17, 2017;
- Application Cover Letter, March 20, 2017;
- Project Summary (English);
- Project Summary (Inuktitut);
- Nunavut Planning Commission, Land Use Conformity Determination, November 22, 2016;
- Completed Type “A” Water Licence Application Form;
- Mechanical & Electrical Operation & Maintenance Manual, Pangnirtung Truck Fill Station, Pangnirtung, Nunavut, September 2016;
- Spill Contingency Plan, Hamlet of Pangnirtung, Pangnirtung, Nunavut, October 31, 2016;

- WWTP Bypass Contingency Plan; Hamlet of Pangnirtung, Pangnirtung, Nunavut, October 31, 2016;
- Application Cover Letter, March 20, 2017 and Accompanying Water Licence Application Form, March 20, 2017;
- Fish Process Plant Waste Management Plan, Hamlet of Pangnirtung, Pangnirtung, Nunavut, April 2017; and
- Solid Waste Operation and Maintenance Plan, June 2014;
- Water Treatment Plant Operation and Maintenance Manuals:
 - Pangnirtung Waste Water Treatment Plant Documentation O&M;
 - Electrical Instruction Manual;
 - GE MBR O& M Manual, October 2014;
 - Pangnirtung WWTP Process Operation Manual, February 2015; and
- Application Cover Letter, March 20, 2017.

Following receipt, the NWB conducted an internal preliminary review of the Application in which the following issues have been identified:

1. Water Source

Absence of hydrological information to confirm whether or not the water source, the Duval River, is capable of satisfying the increased water withdrawal rate(s) and volume(s) proposed in the renewal-amendment application;

2. Management Plans

The following management plans submitted in support of the application should be redeveloped, modified or revised to better reflect or address water licensing requirements:

- a. Solid Waste Operation and Maintenance Plan, dated June 2014, should be updated to address:
 - Removal of information that is no longer applicable to the facility;
 - Outdated information for contact persons of relevant government agencies or organizations.
- b. Mechanical and Electrical Operation and Maintenance Manual, Pangnirtung Truck Fill Station, dated September 2016, should be revised or redeveloped to ensure that the document is compatible with the water licence requirements:
 - While this manual is very detailed in terms of the information it contains for troubleshooting and repairing mechanical and electrical issues associated with the facility, it is not a manual that is functional in the context of the water licence requirements. It is recommended that a different manual be created to reflect the contextual format of the *Guidelines for the Preparation of an Operation and Maintenance Manual for the Sewage and Solid Waste Disposal Facility in the Northwest Territories*.

3. Abandonment/Closure:

Details on the eventual fate of infrastructure or facilities associated with the Hamlet's water licence that are no longer in use by the Hamlet of Pangnirtung should be provided for at least the following:

- a. Old Sewage Lagoon Facility; and
- b. Old Truck Fill Station.

It is recommended that details be provided regarding the status and plans for the facilities or structure that are no longer in use by the Hamlet.

4. Redundant Documents

Confirmation is required from the Applicant on how the NWB should address redundant documents included as part of the application.

The NWB request that the above-mentioned issues be addressed before the NWB could proceed to the next stage(s) of the Licensing Process for the Application.

If you have any questions regarding the above, please contact the NWB's Licensing Department at licensing@nwb-oen.ca or the undersigned at your earliest convenience.

Regards,

(for) Sean Joseph
Senior Technical Advisor, NWB

Cc: Qikiqtani Distribution List