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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No.: **3BR-GRI1520**

June 7, 2018

Marjorie Dobson
Senior Administrative Officer
Hamlet of Grise Fiord
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Email: gfasao@qiniq.com

RE: NWB Technical Review of 2017 Annual Report for the Hamlet of Grise Fiord; Water Licence No. 3BR-GRI1520

Dear Mr Kigutak:

The Nunavut Water Board (NWB) has completed a technical review of the 2017 Annual Report.

On March 12, 2018, the NWB acknowledged receipt of the Annual Report and provided it to the Qikiqtani distribution list for information. No comments have been received to date.

The technical review of the Annual Report found that additional information is necessary to meet the following requirements of the Licence:

- Part H, Item 1:

The Licensee shall maintain Monitoring Program Stations at the following locations:
GRI-1, GRI-2, GRI-3, and GRI-4.

The Annual Report did not include required information. The data was labeled using local names rather than Monitoring Program Station names. Sampling appears to have only occurred once rather than at the required frequency:

- GRI-2: Once in the beginning, once in the middle and once near the end of the season (when flow is observed)
- GRI-4: Volume: Monthly and Annually; Water Quality: Twice Annually – in the beginning and near completion of decanting

As noted in the Review of 2015 and 2016 Annual Reports¹, this issue has previously occurred in those years.

- Part H, Item 2:

The Licensee shall measure and record, in cubic metres, the daily, monthly, and annual quantities of Water extracted for all purposes at Monitoring Program Station GRI-1.

The Annual Report did not provide daily Water extraction information.

The Annual Report provided the monthly and annual quantities of Water extracted in the form of Litres rather than cubic metres as required by the Licence.

Please provide this information in the 2018 Annual Report and all future reports. If for some reason data or information is not available, include a discussion indicating:

- What information is missing;
- Why it was not provided; and
- Steps being made to provide it in the future.

The NWB notes that the Licensee has not provided all the submissions previously required by the Licence:

- Part F, Item 3:

The Licensee shall submit to the Board for approval in writing, within three (3) months of the date of the Licence issuance, an updated “**Hazardous Waste Management Procedure**” for the Solid Waste Facility. This updated Procedure shall address the following:

- a. date of issuance and period of cover;
- b. facility fencing and signage;
- c. inventory of Hazardous Waste;
- d. an Implementation Plan which shall include timelines for implementation of the Procedure, roles and responsibilities in carrying out this Procedure, outcomes and costs for the implementation of the Procedure.

To date, the NWB has no record of receiving this information which was due on March 8, 2018.

- Part F, Item 5:

The Licensee shall submit to the Board for approval in writing, an updated **Operation and Maintenance Plan for the Water Supply Facility** (Water Storage and Pumping System), within three (3) months of the issuance of this Licence. The updated O&M

¹ Nunavut Water Board (NWB) Correspondence, October 12, 2017.

Plan for the Water Supply Facility shall include a Spill Contingency Plan for the chemicals stored at the Facility and shall take into consideration the appropriate sections provided in the *Guidelines for Spill Contingency Planning* (AANDC, 2007).

To date, the NWB has no record of receiving this information which was due on March 8, 2018.

- Part F, Item 6:

An inspection of all engineered facilities related to the management of Water and Waste shall be carried out by an Engineer at a minimum of once annually, and before commissioning any engineered facility related to the management of Water and Waste. The Engineer's report shall be submitted to the Board within sixty (60) days of the inspection, including a cover letter from the Licensee outlining an implementation plan to address each of the Engineer's recommendations.

To date, the NWB has no record of receiving this information for the 2017 inspection.

The NWB strongly recommends that the Licensee address non-compliance issues identified in 2017 by the Inspector². Please provide a brief summary of work done to address concerns or deficiencies listed in the inspection reports and/or compliance reports prepared by an Inspector or other parties in the 2018 Annual Report.

Should you have any questions, please feel free to contact me, Dave Baines, at (867) 360-6338 (extension 29), at your earliest convenience.

Sincerely,

Dave Baines
Nunavut Water Board,
Technical Advisor

Cc: Distribution List – Qikiqtani

² Indigenous and Northern Affairs Canada (INAC) Inspection Report, June 28, 2017.