

File No.: **3BM-COR1521**

June 7, 2018

Leonie Pameolik Senior Administrative Officer Hamlet of Coral Harbour P.O. Box 30 Coral Harbour, NU, X0C 0C0 Sarah Collins Municipal Planning Engineer Community and Government Services Kivalliq Region, Government of Nunavut P.O. Box 490 Rankin Inlet, NU, X0C 0G0

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RE: NWB Technical Review of 2017 Annual Report for the Hamlet of Coral Harbour; Water Licence No. 3BM-COR1521

Dear Ms. Pameolik and Ms. Collins:

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

On April 17, 2018, the NWB acknowledged receipt of the Annual Report and provided it to the Kivalliq 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 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 COR-1.

The Annual Report did not provide information about water extracted at Monitoring Program Station COR-1 (Potable Water Supply at Post River). COR-1 is intended to capture water volumes transferred from the river to the reservoir once per season. The Annual Report, in the table reporting 'Quantity of Water Obtained from all sources' appears to provide monthly water transfer from the treatment facility to users or from the reservoir to treatment rather than water obtained from the River as required by the Licence.

The Annual Report did not provide daily water extraction information.

The NWB notes a possible data entry error in the reported quantity of water obtained from all sources. The volumes are approximately 1000 times higher than reported in previous Annual Reports. It is possible that the information was provided in Litres rather than in cubic metres (the required units).

Please provide this information in the 2018 Annual Report and all future reports.

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

• Part F, Item 1:

The Licensee shall submit to the Board for approval in writing by December 31, 2015, a stand-alone **Water Supply Operations and Maintenance Plan**, which includes appropriate conditions and operating procedures to accommodate the Upgraded Water Supply Facility, referred to in Part C, Item 1.

To date, the NWB has no record of receiving this information which was due on December 31, 2015.

• Part F, Item 2:

The Licensee shall submit to the Board for approval in writing within six (6) months of the date of issuance of this Licence, an **Operations and Maintenance Plan for the Solid Waste Management Facility**, prepared where appropriate, in accordance with the *Guidelines for the Preparation of an Operation and Maintenance Manual for Sewage and Solid Waste Disposal Facilities in the Northwest Territories* (1996), and the *Guidelines for the Planning, Design, Operations and Maintenance of Modified Solid Waste Sites in the Northwest Territories* (2003). This Manual shall include but not be limited to the following:

- a. Solid Waste Operation and Maintenance Plan;
- b. Hazardous Waste Management Plan
- c. Monitoring Program Station descriptions and locations—including GPS.

To date, the NWB has no record of receiving this information which was due on October 24, 2015.

• Part F, Item 3:

The Licensee shall submit to the Board for approval in writing within six (6) months of the date of issuance of this Licence, an **Operations and Maintenance Plan for the Sewage Disposal Facility**, prepared where appropriate, in accordance with the Guidelines for the Preparation of an Operation and Maintenance Manual for Sewage and Solid Waste Disposal Facilities in the Northwest Territories (1996), and the Guidelines for the Planning, Design, Operations and Maintenance of Modified Solid Waste Sites in the Northwest Territories (2003). This Manual shall include but not be

limited to the following:

- a. Sewage Disposal Operation and Maintenance Plan;
- b. Sewage Sludge Management Plan
- c. Monitoring Program Station descriptions and locations—including GPS.

To date, the NWB has no record of receiving this information which was due on October 24, 2015.

• Part F, Item 4:

The Licensee shall submit to the Board for approval in writing within thirty (30) days of issuance of the Licence, a stand-alone **Spill Contingency Plan for Water, Sewage and Solid Waste Operations** including management of hazardous materials in the event of a spill. The stand-alone Plan is to take into consideration the appropriate sections provided in *Guidelines for Spill Contingency Planning (AANDC, 2007)*.

To date, the NWB has no record of receiving this information which was due on May 24, 2015.

• Part F, Item 5:

An inspection of all engineered facilities related to the management of Water and Waste shall be carried out a minimum of once annually, in July or August, by an Engineer. 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 which was due by October 31, 2017 at the latest.

• Part G, Item 3:

The Licensee shall submit for review by the Board a **Decommissioning Report for the former solid Waste disposal facility near the Hamlet Airport** within ninety (90) days following Licence issuance. If no Report can be found, the Licensee shall investigate the site with an AANDC Inspector during the next AANDC Municipal Inspection.

To date, the NWB has no record of receiving this information which was due on July 23, 2015.

• Part H, Item 13:

The Licensee shall submit to the Board for information, within ninety (90) days following Licence issuance, a **Quality Assurance/Quality Control Plan** based on the guidance document *Quality Assurance (QA)* and *Quality Control (QC)* Guidelines

For Use by Class "B" Licensees in Collecting Representative Water Samples in the Field and for Submission of a QAQC Plan (INAC, 1996). The Plan shall include a cover letter from an accredited laboratory confirming acceptance of the Plan for the monitoring and analyses to be performed under the Licence.

To date, the NWB has no record of receiving this information which was due on July 23, 2015.

The NWB acknowledges that the Hamlet is not in receipt of a report for the July 24, 2017 site inspection. At the time of writing, the NWB has not received a copy either.

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 – Kivalliq