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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No.: **3BM-CHE1523**

June 01, 2018

Roy Mullins
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Hamlet of Chesterfield Inlet
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Community and Government Services
Kivalliq Region, Government of Nunavut
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**RE: NWB Technical Review of 2017 Annual Report for the Hamlet of Chesterfield Inlet;
Water Licence No. 3BM-CHE1523**

Dear Mr. Mullins 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 the information provided addresses the general monitoring and tracking requirements of the Licence. However, some of the other Licence requirements were not addressed.

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

- Part D, Item 5

The Licensee shall conduct a Fish Habitat Assessment of the tundra Wetland to confirm fish presence or absence, and submit for review by the Board a summary of the findings, as well as a letter from DFO confirming the Assessment as acceptable, with the 2017 Annual Report.

The 2017 Annual Report did not include a Fish Habitat Assessment or a letter from DFO confirming that the Assessment was Acceptable.

Please provide this information to the Board by **September 30, 2018**. Conversely, if this

information is not available, provide to the Board, by September 30, 2018, plans to obtain this information.

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

- Part E, Item 5

The Licensee shall submit to the Board for review within ninety (90) days of Licence issuance, stamped, as-built drawings and a **Construction Summary Report** for the Water Supply Facility pump-house upgrades that occurred in 2010, as described in the Application submitted February 25, 2015.

To date, the NWB has no record of receiving this information which was due on August 13, 2015.

- Part F, Item 1

The Licensee shall submit to the Board for approval in writing by August 31, 2015, a stand-alone **Water Supply Facilities Operations and Maintenance Plan**, which includes appropriate conditions and operating procedures to accommodate the upgrades that occurred to the Water Supply Facility in 2010, and an assessment of the storage capacity of the Water Supply reservoir, to ensure that it can properly accommodate the maximum Water-use volume allowed under this Licence.

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

- Part F, Item 2

The Licensee shall update and resubmit as a stand-alone document, the **Solid Waste Disposal Facilities Operation and Maintenance Manual** by August 31, 2015, to the Board for approval in writing. The Plan shall be 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 (GNWT-MACA, 1996)*, and the *Guidelines for the Planning, Design, Operations and Maintenance of Modified Solid Waste Sites in the Northwest Territories (GNWT-MACA, 2003)*. This updated Manual shall include but not be limited to the following:

- a) Solid Waste Disposal Facilities 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 August 31, 2015.

- Part F, Item 3

The Licensee shall update and resubmit as a stand-alone document the **Sewage Waste Management Plan** by August 31, 2015, to the Board for approval in writing. The Plan shall be 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 (GNWT-MACA, 1996)*. This updated Manual shall include but not be limited to the following:

- a) Sewage Disposal Facilities 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 August 31, 2015.

- Part F, Item 4

The Licensee shall update and resubmit as a stand-alone document **the Emergency Response and Spill Contingency Plan** by August 31, 2015, to the Board for approval in writing. The Plan will be prepared where appropriate in accordance with *the Guidelines for Spill Contingency Planning (AANDC, 2007)*.

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

- Part G, Item 1

The Licensee shall resubmit as a stand-alone document, for review by the Board, its **Abandonment and Restoration Plan** within ninety (90) days of the date of issuance of this Licence.

To date, the NWB has no record of receiving this information which was due on August 13, 2015.

- Part H, Item 10

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 August 13, 2015.

The NWB acknowledges and commends the positive report provided about the Licensee in 2017 by the Inspector¹.

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

¹ Indigenous and Northern Affairs Canada (INAC) Inspection Report, July 31, 2017.