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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

**File: 3AM-IQA1626 / TR / I2 & I5**

May 06, 2019

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**Subject: City of Iqaluit Environmental Monitoring Program and Quality Assurance / Quality Control Plan; Type “A” Water Licence 3AM-IQA1626**

Dear Mr. Hamp and Mr. Deronja

The Nunavut Water Board (NWB or Board) received from The City of Iqaluit (The City or Licensee) on January 4, 2019, an Environmental Monitoring Program and QA/QC Plan originally entitled *City of Iqaluit Quality Assurance and Quality Control Plan*, updated March 2017 (Plan), for Board review and approval as required under Part I, Item 2 and Item 5, of the Water Licence 3AM-IQA1626 (Licence).

The purpose of the Plan is, as stated by the Licensee, “*the Environmental Monitoring Program and QA/QC Plan describes the necessary procedures and controls to be used by the City Operations staff when performing relevant work. The QA/QC Plan has been prepared to achieve the following objectives:*

- *Ensure that the collection of samples taken in the field follow required procedures and controls to maintain a high-level quality and reliability, while ensuring that the data obtained is indicative of the physical and chemical nature of the water at the various sampling sites;*
- *Ensure best management practices are executed as part of the monitoring program;*
- *Ensure all samples are delivered and analyzed by an accredited laboratory.”*

Following an internal review by NWB technical staff, it was determined that additional information was required for the submitted Plan to be deemed complete, including the appendices associated with the Plan and more detailed information on the monitoring program. On January 25, 2019, the NWB requested this information which was provided to the Board on February 5, 2019.

On February 5, 2019, the Plan was distributed for a public review, requesting that comments be submitted from interested parties in early March, 2019. On March 1, 2019, four comments were received from Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), and on March 8, 2019, four comments were received from Environment and Climate Change Canada (ECCC). In their submissions, and following discussion with the Licensee and parties, it was determined that the Environmental Monitoring Program and the QA/QC Plan submitted as a single document would require more information on the Monitoring Program specifically addressing Part I, Item 2, of the Licence.

On March 19, 2019, The City provided a response to these comments including revision 2 of the Plan entitled *City of Iqaluit Environmental Monitoring Program and Quality Assurance / Quality Control Plan*, dated March 2019. Due to the substantial revisions to the Plan, this version of the Plan was distributed on March 19, 2019, to parties for a second round of review. On March 29, 2019, CIRNAC responded with two additional comments regarding analytical method for metals and the use of deionized water for equipment rinsing. On April 1, 2019, ECCC responded confirming their satisfaction with The City's submission and response.

On April 5, 2019, The City provided a response to CIRNAC comments including revision 3 of the Plan dated April 2019. In their submission, The City addressed comments by confirming the analytical method, and updating the Plan accordingly. On April 15, 2019, CIRNAC responded indicating that The City's submission sufficiently addressed their concerns.

The NWB has reviewed the City of Iqaluit Environmental Monitoring Program and QA/QC Plan, updated April 2019, and related submissions, and finds the Plan functional and generally satisfying Licence requirements. By copy of this letter, the Board approves the *City of Iqaluit Environmental Monitoring Program and QA/QC Plan*, updated April 2019, through the Board Motion No. 2019-A1-003, dated May 6, 2019 as required by Part I, Item 2 of the Licence.

Should you have any questions or require any clarification with respect to the above, please feel free to contact me via email at [Derek.Donald@nwb-oen.ca](mailto:Derek.Donald@nwb-oen.ca) or phone (867) 360-6338 (Ext. 32).

Sincerely,

**NUNAVUT WATER BOARD**



Derek Donald  
Technical Advisor

Attachment: Comments by CIRNAC and ECCC  
Cc: Distribution list – Iqaluit