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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

**File: 3AM-IQA1626 / TR / E12**

March 21, 2019

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**Subject: City of Iqaluit Landfill Operations and Maintenance Manual; Type “A”  
Water Licence 3AM-IQA1626**

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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 9, 2019, the City of Iqaluit Landfill Operations and Maintenance Manual, dated December 2018 (O&M Manual or Manual), for Board approval as required under Part E, Item 12 of the Water Licence 3AM-IQA1626 (Licence) that was approved by the Minister of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) on July 19, 2016.

The purpose of the Manual is to provide the landfill management and operating staff with a guidance document to carry out operations in a practical and reasonable manner, and for maintaining regulatory compliance. The Manual provides a basis for:

- Involving operating staff in decision making for daily activities
- Policy and procedure reference document for operating staff
- Employee training
- Orientation of new employees

The Manual provides an overview of the Landfill design, operating plan and specific site features. In addition, the manual provides recommended procedures and “appropriate or best practices” for site operations and management. The Manual is consistent with and guided by the requirements set out in the *Guidelines for the Planning, Design, Operations and Maintenance of Modified Solid Waste Sites in the Northwest Territories*, April 2003.

On January 10, 2019, the NWB requested additional information along with the submitted O&M Manual. The NWB requested that the Manual include all appendices referenced in the document. An updated O&M Manual was received by the Board on January 10, 2019.

On January 21, 2019, the O&M Manual was distributed for a public review, requesting comments be submitted from interested parties by February 21, 2019. On February 21, 2019, three comments were received from Environment and Climate Change Canada (ECCC) and two comments were received from Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC).

In its submission, ECCC requested that The City 1) provide details on the selected water management strategy at the landfill, 2) provide additional clarity on the sampling requirements for monitoring station IQA-08, and 3) provide details on the management of the pond used for the Landfill fire runoff. In its submission, CIRNAC requested that The City: 1) provide required submissions in a more timely fashion as this Plans was required to be submitted in 2016; and 2) provide the most recent version of the Spill Contingency Plan in the O&M Manual.

On March 5, 2019, The City provided a response to these comments. In their submission, The City addressed comments by providing the most recent (2016) Spill Contingency Plan, an updated Monitoring Locations Plan, and updating Section 11 Surface Water Management and Section 15.7.1.1 Monitoring Station IQA-08 of the Manual. On March 12, 2019, ECCC responded confirming their satisfaction with The City's submission, and on March 14, 2019, CIRNAC responded indicating that The City's submission sufficiently addressed their concerns.

The NWB has reviewed the City of Iqaluit Landfill Operations and Maintenance Manual, dated December 2018 and revised March 4, 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 Landfill Operations and Maintenance Manual, dated December 2018 and revised March 4, 2019, through the Board Motion No. 2018-A1-032, dated March 21, 2019, as required by Part E, Item 12 of the Licence.

Should you have any questions or require any clarification with respect to the above, please feel free to contact the undersigned 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