



ᓄᓇᓂᓪ ᐃᓕᓕᓂᓪ ᑲᓂᓕᓂᓪ
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No.: **3BM-YBR1621**

July 12, 2018

Todd McKay
Director
Nunavut Airport Operations
GN-ED&T
P.O. Box 560
Rankin Inlet, NU X0C 0G0

Email: tmckay@gov.nu.ca

Bhabesh Roy, M.A.Sc., P.Eng.
Municipal Engineer
Community and Government Services
Baffin Region, Government of Nunavut
P.O. Box 379
Pond Inlet, NU X0A 0S0

Email: broy@gov.nu.ca

RE: NWB Technical Review of 2017 Annual Report for the Hamlet Of Resolute Bay Airport Sewage Lagoon; Water Licence No. 3BM-YBR1621

Dear Mr. McKay and Mr. Roy:

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

On March 9, 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 3:

The Licensee shall sample Monitoring Stations YRB-1a, YRB-1b, YRB-2, YRB-3, and YRB-4.

The Annual Report did not provide any analytical information for monthly samples at these Monitoring Stations for 2017.

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 H, Item 4:

The Licensee shall revise and submit, within ninety (90) days of issuance of this Licence, the Plan entitled *Hamlet of Resolute Bay Airport Sewage Lagoon Quality Assurance/Quality Control Plan*, dated April 2016, submitted as additional information with the Application. The **revised Plan** shall include a letter of approval from a certified or an accredited laboratory.

To date, the NWB has no record of receiving this information which was due on June 16, 2017.

The technical review identified the following issue(s):

- Section i) – iii) of the Annual Report lists the quantity of water obtained from all sources totally 5,173,917 Litres (5,174 cubic metres):
 - Part C, Item 1 of the Licence permits the use of one (1) cubic metre of Water per year. This water should be reported under Licence 3BM-RUT1520 rather than under 3BM-YBR1621. The NWB acknowledges that these Water values were likely provided as a surrogate for sewage quantities and recommends that an explanation be provided in the text clarifying that this is for sewage reporting only rather than for Water use.
- Part D, Item 3 of the Licence states:

If the results of the 2017 monitoring program indicate exceedances in the Effluent criteria under Part D, Item 2, for Monitoring Stations YRB-3 and YRB-4, the Licensee shall submit to the Board for review, within ninety (90) days of receipt of the monitoring results, a report summarizing the results and detailing alternative initiatives developed to manage the facility's treatment effectiveness in the context of ECCC's recommendations.

 - Since no monitoring program data from 2017 was provided it is not possible to determine if the Effluent met the criteria and if a report on the facilities' effectiveness is required. The NWB recommends, that if the data was collected, but was erroneously not provided with the Annual Report, that the information be provided as soon as is reasonably practicable so that compliance with this Licence condition can be determined.

The NWB strongly recommends that the Licensee address issues identified in 2017 by the Inspector¹. 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

¹ Indigenous and Northern Affairs Canada (INAC) Inspection Report, June 23, 2017.

in the 2018 Annual Report.

Should you have any questions about this review, please feel free to contact us at (867) 360-6338, at your earliest convenience.

Sincerely,

Richard Dwyer
Nunavut Water Board,
Manager of Licensing

Cc: Distribution List – Qikiqtani