



August 11, 2016

File: MV2009L3-0007

Mr. Mike Auge
Municipal Works Engineer
City of Yellowknife
P.O. Box 580
YELLOWKNIFE NT X1A 2N4

Email: mauge@yellowknife.ca

Dear Mr. Auge:

2015 Annual Water Licence Report and 2015 Biotreatment Pad Annual Report

The Mackenzie Valley Land and Water Board (the Board) met on August 11, 2016 and reviewed the 2015 Annual Report and 2015 Biotreatment Pad Annual Report in accordance with Part B, item 3 of Water Licence MV2009L3-0007. The Board hereby accepts the Annual Reports as submitted.

The Board acknowledges the City's progress on various submission deadlines and encourages the City to adhere to the new submission dates as requested. Please maintain contact with Board staff as you work toward future submission deadlines.

The Board notes that the City is approaching the maximum volume of water authorized for withdrawal as defined under Part C, item 2 of their Water Licence. The City is encouraged to contact Board staff to discuss next steps if an increase to the allowable limit is anticipated.

The Board notes that Schedule 1, item 1.b) of the Water Licence requires the reporting of monthly and annual quantities in cubic metres of each and all Waste discharged to the Waste Disposal Facilities. Sources of Waste being discharged to the Sewage Disposal Facilities (lagoon) may include: Baling facility leachate and sludge, compost leachate, leachate from the sump at Cell A of the landfill, and sludge and wastewater from the Wastewater Treatment Plant. For clarity, future Water Licence annual reports should include a report on the volume of each source of Waste that potentially could be discharged to the lagoon, even if no waste was discharged from that source during the reporting year.

The City is reminded that Schedule 1, item 1.e) requires tabular summaries of **all** data generated under the SNP. Summaries of bioassay test results should also be included in future annual reports.

The Board notes that the City has added a new sampling location to the monitoring program associated with the Stormwater Monitoring Plan. This information should be included in an updated Plan to be submitted with the Annual Report, as per Schedule 1, item 1.l) of the Licence.

The Board reminds the City that as per section 5.1 of the Landfill Operation and Maintenance Plan approved by the Board on November 20, 2014, sampling of the sump from cell A shall occur prior to disposal of the leachate, with results submitted to the Board for review and approval prior to disposal.

The Board encourages the City to include a table summarizing all water quality exceedances at SNP station 0032-F3, the site of compliance, in the main body of future annual reports. The table should include missed sampling events. A discussion of non-compliant items, referencing relevant letters and previous documents as needed, would promote a better understanding for all parties of the sampling results and the City's ongoing efforts to address exceedances. Including this information in future annual reports will support the requirements laid out in Schedule 1, item 1.t) of the Licence.

The City shall adhere to the commitments made in their responses to reviewer comments dated June 13, 2016.

The full cooperation of the City of Yellowknife is anticipated and appreciated. If you have any questions or concerns, please contact Erica Janes at (867) 766-7466 or email ejanes@mvlwb.com.

Yours sincerely,



Floyd Adlem
MVLWB A/Chair

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