



**Conservation and Water Stewardship**

Environmental Stewardship Division  
Environmental Approvals Branch  
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**File:** 39.40

December 10, 2015

Dan Gagne  
Chief Administrative Officer  
Town of Altona  
111 Centre Avenue  
Altona, MB R0G 0B0

Dear Mr. Gagne:

**Re: Town of Altona Aerated Wastewater Treatment Lagoon Expansion – Soil Liner Test Results – Storage Cell # 5 – Environment Act Licence No. 1681 RRRR.**

I am responding to the November 26, 2015 letter and attachments wherein test results were presented in the October 30, 2015, November 12, 2015 and November 24, 2015 laboratory analyses reports regarding the soil liner of the recently constructed Storage Cell #5 at the Town of Altona aerated wastewater treatment lagoon (lagoon). Environment Act Licence No. 1681 RRRR (Licence) applies to this lagoon.

As indicated in the reports, soil samples of the soil liners of the recently constructed cell were submitted to the lab for testing. The results of hydraulic conductivity tests completed on samples of the liner of this cell indicate that compliance with the requirements of the Licence for this lagoon cell to have a soil liner with a hydraulic conductivity of  $1 \times 10^{-7}$  cm/s or less has been attained.

Authorization to operate Secondary Cell #5 of the lagoon in accordance with the limits, terms and conditions of the Licence is hereby provided. It is understood that rip rap will be installed on the dykes of this cell as a component of continuing site work next year.

If you have any questions or would like to discuss this matter, please contact me at 204-945-6030.

Yours sincerely,

*“original signed by”*

Robert Boswick, P. Eng.  
Environmental Engineer

- c. Jason Cousin, P. Eng., Municipal Engineer – J. R. Cousin Consultants Ltd.  
Don Labossiere/Donna Smiley/Tyler Kneeshaw – Environmental Compliance and Enforcement, Manitoba Conservation and Water Stewardship  
Public Registries