



RURAL MUNICIPALITY OF SPRINGFIELD

100 Springfield Centre Drive Oakbank MB R0E 1J0

April 20, 2017

4929.10

Ms. Tracey Braun
Director
Manitoba Sustainable Development
Environmental Approvals
2nd Floor, 123 Main Street
Winnipeg MB R3C 1A5



Dear Ms. Braun:

RE: Notice of Alteration – Removal of total coliform analysis and limit as a condition for effluent discharge under EAL# 2190

Introduction

RM of Springfield is operating a regional lagoon system located at under license 2910. The license under clause 31 (c) requires effluent to be tested for total coliforms by MPN method and effluent cannot be discharged if the total coliform count is more than 1500 coliforms per 100ml.

The RM has been complying with the clause 31(c) of the license and other requirements in the past. In year 2016 ALS laboratories started testing the coliforms by QT97 method which gave total coliform count for the treated effluent in the range of 10000 almost 10 times higher than determined by MPN method probably because it was detecting a different strain of total coliforms not detected by MPN method. The RM got the samples tested repeatedly and finally lab was requested to perform the test as per MPN method which gave total coliform count below 1500. The RM was finally able to discharge the cells but not without the loss of time and public money.

Scope of NOA

The scope of this NOA is to provide Manitoba Sustainable Development (MSD) with information regarding removal of requirement for total coliform analysis and total coliform limit prior to effluent discharge as required under clause 31(c).

The approval of this NOA request in a timely manner would be greatly appreciated as this will help RM of Springfield to discharge the lagoons this summer in a time bound manner.

Discussion:

The current wastewater effluent standards for wastewater treatment facilities do not require a total coliform limit to be met before the treated effluent is discharged. The total coliforms exist in the soils naturally and discharging the effluent without total coliform analysis does not contribute to any additional adverse health or environment impact. The license does have a fecal coliform analysis and limit requirement prior to discharge which is an effective measure to prevent environment pollution.



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Conclusion

This NOA is based upon the previously granted EAL #2910 and the current Wastewater Effluent Standards for Wastewater Treatment Facilities. As the current wastewater Effluent standards do not require a coliform limit to be met before discharge, therefore, this NOA request for removal of clause 31(c) from the license #2910.

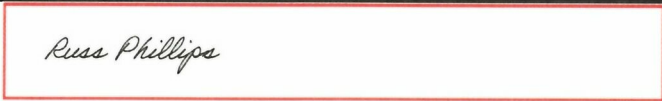
As need and rationale for the NOA has been explained in this cover letter, no separate report is attached with the request. We respectfully request approval from MSD for this NOA request for an efficient lagoon operation. .

Should MSD have any further questions or require further clarification, please contact the undersigned at 204.444.7362 or SRandhawa@rmofspringfield.ca.

Yours truly,

Santokh Randhawa P. Eng.
Director of Water & Waste
RM of Springfield

Notice of Alteration Form

Client File No. :	Environment Act Licence No. : 2910
Legal name of the Licencee: RM of Springfield	
Name of the development: Springfield Regional Lagoon	
Category and Type of development per Classes of Development Regulation: Waste Treatment and Storage Wastewater treatment lagoons	
Licencee Contact Person: Russell Phillips CAO Mailing address of the Licencee: 100 Springfield Centre Drive City: Oakbank Province: Manitoba Postal Code: R0E1J0 Phone Number: (204) 444-3321 Fax: Email: rphillips@rmofspringfield.ca	
Name of proponent contact person for purposes of the environmental assessment (e.g. consultant): Santokh Randhawa P.Eng. Director Water & Waste	
Phone: (204) 444-7362 Fax:	Mailing address: 100 Springfield Centre Drive Oakbank MB R0E1J0
Email address: srandhawa@rmofspringfield.ca	
Short Description of Alteration (<i>max 90 characters</i>): Alteration to license#2910 for removal of clause 31(c)	
Alteration fee attached: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> If No, please explain:	
Date: 2017-04-10	Signature:  Printed name: Russell Phillips CAO
A complete Notice of Alteration (NoA) consists of the following components: <input checked="" type="checkbox"/> Cover letter <input checked="" type="checkbox"/> Notice of Alteration Form <input checked="" type="checkbox"/> \$500 Application fee, if applicable (Cheque, payable to the Minister of Finance)	Submit the complete NOA to: Director Environmental Approvals Branch Manitoba Sustainable Development Suite 160, 123 Main Street Winnipeg, Manitoba R3C 1A5 For more information: Phone: (204) 945-8321 Fax: (204) 945-5229 http://www.gov.mb.ca/sd/eal

