Notice of Alteration Form



Client File No. :	Environme	Environment Act Licence No. :	
Legal name of the Licencee: Town of Virden			
Name of the development: Town of Virden New WWTF			
Category and Type of development per Classes of Development Regulation:			
Waste Treatment and Storage Wastewater treatment plants			
Licencee Contact Person: Dale Wallace			
Mailing address of the Licencee: 236 Wellington St.			
City: Virden Phone Number: (204) 748-2440 F		Manitoba Postal Code: R0M 2C0 Email: virden_sup@mymts.net	
Name of proponent contact person for purposes of the environmental assessment (e.g. consultant): Ken Anderson			
Phone: (204) 942-6391	Mailing add	fress: 203-5 Donald Steet	
Fax:	Wpg, MB F	R3L 2T4	
Email address: andersonk@ae.ca			
Description of Alteration (max 90 characters):			
Revision request to Draft EAL			
Alteration fee attached: Yes: No: 🗸			
If No, please explain: Comments on Draft EAL in process			
Date: 12/07/2016	Signature: Anderson. Printed name: Ken Anderson		
	Printed name: Ken	Anderson	
A complete Notice of Alteration (No consists of the following componer Cover letter Notice of Alteration Form 4 hard copies and 1 electron the NOA detailed report (see	nts:	Submit the complete NOA to: Director Environmental Approvals Branch Manitoba Sustainable Development Suite 160, 123 Main Street Winnipeg, Manitoba R3C 1A5	
Bulletin - Alteration to Development Act Licence \$500 Application fee, if appropriate to the Minister of Fi	opments es") olicable (Cheque,	For more information: Phone: (204) 945-8321 Fax: (204) 945-5229 http://www.gov.mb.ca/conservation/eal	



Associated Engineering (Sask.) Ltd. 203 – Five Donald Street Winnipeg, Manitoba, Canada, R3L 2T4

TEL: 204.942.6391 FAX: 204.942.6399 www.ae.ca

December 7, 2016

File:

2014-4531.000.E.400

Ms. Tracey Braun, M. Sc. Director, Environmental Approvals Sustainable Development 123 Main Street, Suite 160 Winnipeg Manitoba, R3C 1A5

Re: TOWN OF VIRDEN WWTF - NEW EAL NOTICE OF ALTERATION REQUEST #2

Dear Ms. Braun:

On behalf of the Town of Virden, please find attached our submission of a Notice of Alteration request for the above mentioned project. This is our second NOA, that further discusses interim disinfection objectives.

We trust that the enclosed application contains sufficient information for your staff to complete the new Licence. Should the reviewer require any additional information or require any clarifications, please do not hesitate to contact myself.

We thank you for your consideration of this application.

Yours truly,

Ken Anderson Manager, Water

KA





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2014-4531.000.E.400

Ms. Tracey Braun, M. Sc.
Director, Environmental Approvals
Sustainable Development
123 Main Street, Suite 160
Winnipeg Manitoba, R3C 1A5

Re: TOWN OF VIRDEN WWTF
NOTICE OF ALTERATION #2

Dear Ms. Braun:

In accordance with the Environment Act (Section 14), this submission is a request for a minor alteration to the new Licence being prepared for the Town of Virden Wastewater Treatment Facility (WWTF).

This request further extends our discussion on disinfection from the previous NOA submitted on October 26, 2015.

From the Draft Licence - Page 9 of 13:

Respecting Operation - Phase One

- 23. The Licencee shall, during Phase One operation, not discharge effluent from the wastewater treatment plant, as sampled at the monitoring station located after chlorination/dechlorination, where:
 - b) the fecal coliform content of the effluent, as indicated by the MPN index, is in excess of 200 per 100 millilitres of sample, as determined by the monthly geometric mean of 1 grab sample collected at equal intervals on each of a minimum of 3 consecutive days per week;

We are requesting that the interim Licence during construction allows the facility to cease disinfection until the new treatment process is in place and commissioned. The schedule for construction is expected to be from February 2017 to March 2018. Tendering is to take place in December 2016 through to January 2017.

The reason for the request is that the current chlorine contact chamber and discharge piping located in the old wastewater treatment plant needs to be demolished in order to construct the new facilities. To allow for this demolition, we plan to temporarily re-route the effluent piping from the headworks building, around the old plant and into an effluent manhole ~80m from the current outfall.

We are expecting the environmental impacts to be fairly negligible, as the chlorine dose is already not very effective on the primary effluent from the Salsnes filter. Testing results for fecal (as shown in previous NOA) are overgrown at +10,000 MPN after chlorination. Thus, the impacts of no chlorination are not expected to be measurable in these terms.





December 7, 2016 Ms. Tracey Braun, M. Sc. Sustainable Development - 2 -

If there are any questions regarding this submission, please contact the undersigned.

Yours truly,

Associated Engineering Ltd.

Manager, Water

Email: andersonk@ae.ca Ph:

(204) 942-6391