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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,

A handwritten signature in black ink that reads 'Ken Anderson'.

Ken Anderson
Manager, Water

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**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.



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- 2 -

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

Yours truly,
Associated Engineering Ltd.

Ken Anderson
Manager, Water
Email: andersonk@ae.ca
Ph: (204) 942-6391