

January 30, 2017

File: 2014-4480.000.E.400

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

**Re: TOWN OF NEEPAWA - MBBR PILOT PROJECT
NOTICE OF ALTERATION REQUEST**

Dear Ms. Braun:

On behalf of the Town of Neepawa, please find attached our submission of a Notice of Alteration request for the above mentioned project.

We trust that the enclosed application contains sufficient information for your staff to provide the necessary approvals. 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

Notice of Alteration Form



Client File No. :	Environment Act Licence No. : 1103VC
Legal name of the Licencee: Town of Neepawa	
Name of the development: Town of Neepawa Wastewater Treatment Facility	
Category and Type of development per Classes of Development Regulation: <div style="display: flex; justify-content: space-between;"> Waste Treatment and Storage Wastewater treatment lagoons </div>	
Licencee Contact Person: Denis Saquet, CET Mailing address of the Licencee: 275 Hamilton St. City: Neepawa Province: MB Postal Code: R0J 1H0 Phone Number: (204) 476-7655 Fax: Email: ea@wcgwave.ca	
Name of proponent contact person for purposes of the environmental assessment (e.g. consultant): Ken Anderson - Associated Engineering	
Phone: (204) 942-6391 Fax:	Mailing address: 203-5 Donald Street
Email address: andersonk@ae.ca	
Short Description of Alteration (<i>max 90 characters</i>): 20-24 week pilot of MBBR technology for ammonia reduction in cold weather application.	
Alteration fee attached: Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>	
If No, please explain: Minor Alteration Request	
Date: 2017-01-30	Signature:  Printed name: Ken Anderson
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>A complete Notice of Alteration (NOA) consists of the following components:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Cover letter <input checked="" type="checkbox"/> Notice of Alteration Form <input checked="" type="checkbox"/> 4 hard copies and 1 electronic copy of the NOA detailed report (see "Information Bulletin - Alteration to Developments with Environment Act Licences") <input type="checkbox"/> \$500 Application fee, if applicable (Cheque, payable to the Minister of Finance) </div> <div style="width: 45%;"> <p>Submit the complete NOA to:</p> <p>Director Environmental Approvals Branch Manitoba Sustainable Development Suite 160, 123 Main Street Winnipeg, Manitoba R3C 1A5</p> <p>For more information:</p> <p>Phone: (204) 945-8321 Fax: (204) 945-5229 http://www.gov.mb.ca/sd/ea/</p> </div> </div>	

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**Re: TOWN OF NEEPAWA - MBBR PILOT PROJECT
NOTICE OF ALTERATION**

Dear Ms. Braun:

In accordance with the Environment Act (Section 14), this submission is a request for a minor alteration to the Licence 1103VC for the Town's wastewater treatment facility.

This request pertains to the operation of an MBBR Pilot project to be carried out by Veolia on behalf of the Town of Neepawa. The intent of the pilot is to run 20-24 weeks through the winter to demonstrate the performance of MBBR technology on cold weather lagoon operation (as an alternative to SAGR technologies).

The pilot will consist of a 53' trailer with all reactors and testing equipment inside. Veolia will remote monitor and remote operate the pilot, with monthly visits to site to verify operations. The Town is assisting in the operations and sampling as well.

The pilot trailer will be located between cell #1 and cell #2 (see attached air photo). It will draw wastewater from the interconnection pipe between cell #1 and cell #2. The pilot will treat a portion of this inter-cell flow and return the treated and untreated flows to cell #2.

Modifications to the cells are negligible if any; a pump is dropped into the inter-cell manhole and insulated flexible piping with heat trace was used to draw and return the wastewater from the cells.

For reference, photos of the trailer and pilot equipment are attached.

Given that environmental impacts, if any, are localized within the lagoon cell boundaries, we would consider this a minor alteration request.



Associated
Engineering

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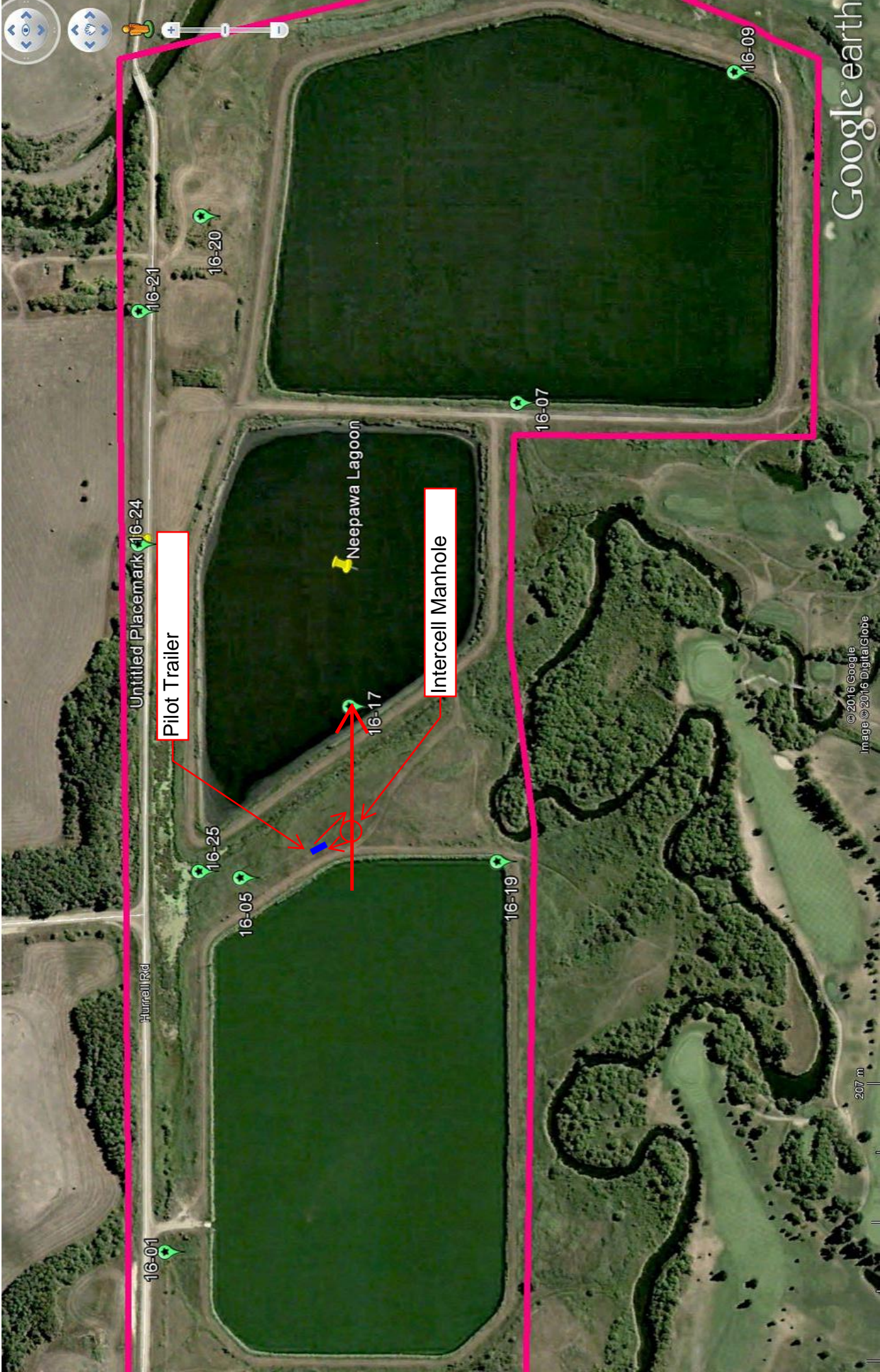
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Sustainable Development
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If there are any questions or concerns regarding this submission, please contact the undersigned.

Yours truly,
Associated Engineering Ltd.

A handwritten signature in blue ink that reads "Ken Anderson".

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



16-01

Hurrell Rd

Untitled Placemark 16-24

Pilot Trailer

16-05

16-25

16-19

16-17

Neepawa Lagoon

Intercell Manhole

16-07

16-09

207 m

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