



Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
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File: 1020.30

June 29, 2017

Karly Friesen
Manager, Wastewater Treatment Division
City of Portage la Prairie
97 Saskatchewan Avenue East
Portage la Prairie, MB R1N 0L8

Dear Ms. Friesen:

Re: Application for Alternative Digestion – City of Potage la Prairie Water Pollution Control Facility

I am responding to your June 7, 2017 letter regarding a supplementary request for approval for an alternative digestion method for the stabilization of biosolids materials that originate from the City of Portage la Prairie Water Pollution Control Facility (Facility). Environment Act Licence No. 1907 relates to the sludge solids disposal activities associated with the Facility. The letter is received as a Notice of Alteration.

The letter indicates that mechanical failure involving mixers in the anaerobic digester has occurred causing solids to accumulate in the digesters creating short circuiting and reductions in digester residence time. It is understood that replacement pumps are to be installed in June 2017. The letter also indicates that ongoing laboratory analysis demonstrates that interim bacterial destruction has occurred and that the fecal coliform count of the biosolids is below what the US EPA states as the maximum allowable for Class B biosolids. A supplementary memorandum from AECOM concluded that compared with US EPA Regulations, Part 503, testing of the biosolids from Biosolids Storage Tank No. 2 indicates that it is suitable for land application subject to compliance with the provisions of Environment Act Licence No. 1907 related to heavy metals and sub-surface soil injection.

Upon review of the Notice of Alteration and the Licence, I have decided that the environmental impacts of the proposed alteration are insignificant. Accordingly, pursuant to Section 14(2) of *The Environment Act*, I hereby approve the request to allow the biosolids from Biosolids Storage Tank No. 2 to be land applied subject to the following limits, terms and conditions:

1. All associated activities are completed in accordance with the requirements of Environment Act Licence No. 1907; and

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2. This approval shall terminate on the 1st day of November, 2017.

If you have any questions or would like to discuss the foregoing, please contact Robert Boswick, Environmental Engineer, at 204-945-6030.

Yours sincerely,



Tracey Braun, M.Sc.
Director

c: Don Labossiere/Donna Smiley/Tyler Kneeshaw, Environmental Compliance and
Enforcement Branch
Public Registries