



## Sustainable Development

Environmental Stewardship Division  
Environmental Approvals Branch  
123 Main Street, Suite 160, Winnipeg, Manitoba, Canada R3C 1A5  
T 204 945-8321 F 204-945-5229  
[www.gov.mb.ca/sd/eal](http://www.gov.mb.ca/sd/eal)

**File: 963.20**

September 19, 2017

Chris Carroll, P.Eng.  
Manager of Wastewater Services Division  
City of Winnipeg  
109 – 1199 Pacific Avenue  
Winnipeg, MB R3E 3S8

Dear Chris Carroll:

**Re: City of Winnipeg Biosolids Land Application Program Pilot**

I am responding to the September 11, 2017 letter regarding the City of Winnipeg's Biosolids Land Application Program pilot. The letter and attachments provide information regarding prescription rates, the cooperating farm producer, land use agreements, site, dominant soils and assumptions and constraints regarding the nutrient management program relative to this application program pilot. Environment Act Licence No. 1089E RR applies to these activities.

My March 10, 2016 letter to the City presented the requirement that the City implement a biosolids land application program by 2017. Since then, the City has held meetings, public forums and a workshop. The City submitted a Notice of Alteration (NoA) dated June 8, 2017 that formed the basis for this biosolids land application program pilot.

Upon consideration of the request for approval of this Biosolids Land Application Program pilot, I have decided, pursuant to Section 14(2) of The Environment Act, to approve the request subject to the following conditions:

1. Biosolids and all associated materials shall be transported between the North End Water Pollution Control Centre (NEWPCC) and the sites of the Biosolids Land Application Program pilot in covered containers so as to prevent the loss of biosolids and associated liquids to the satisfaction of the assigned Environment Officer;
2. The initial application rate for this pilot shall be based on an estimate of 25% of total phosphorus being plant available. The Director may approve requests for alternative proposed application rates based on new information obtained and submitted for consideration during and subsequent to the pilot. Land application based on two times annual crop removal of phosphorus is permitted;

3. A report summarizing all activities and results associated with this Biosolids Land Application Program pilot shall be submitted to the Environmental Approvals Branch, Manitoba Sustainable Development by not later than December 29, 2017; and
4. This approval shall terminate January 31, 2018.

All other previously approved proposed and imposed conditions, limitations and requirements remain in place during this pilot.

If you have any questions or would like to discuss matters pertaining to this Biosolids Land Application Program pilot, the continuing development of the land applications of biosolids program, or the Biosolids Master Plan in general, please contact Robert Boswick, Environmental Engineer, at 204-945-6030 or [Robert.Boswick@gov.mb.ca](mailto:Robert.Boswick@gov.mb.ca).

Yours sincerely,



Tracey Braun, M.Sc.  
Director

- c. Duane Griffin, P.Eng. – Water and Waste Department, City of Winnipeg  
Darren Keam, P. Eng., - WSP  
Don Labossiere/Donna Smiley – Environmental Compliance and Enforcement Branch, Manitoba Sustainable Development  
Siobhan Burland Ross/Robert Boswick/Asit Dey – Environmental Approvals Branch, Manitoba Sustainable Development  
Public Registries