



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/conservation/eal

File: 963.20

September 8, 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 Pilot – Field Storage Assessment –
Supplementary Notice of Alteration**

Receipt of the August 1, 2017 letter regarding the City of Winnipeg's supplementary Notice of Alteration relative to the Biosolids Land Application Pilot regarding the City conducting pilot assessments of field storage options for biosolids that would be land applied is hereby acknowledged. As indicated in the letter, the purpose of this pilot assessment is to aid in determining the feasibility of field storage for the City's annual biosolids land application program that is under development. Environment Act Licence No. 1089E RR applies to these activities.

The Notice of Alteration and additional information received August 31, 2017 describe details of the Field Storage Assessment pilot including the quantity of biosolids that would be involved, legal description of the location, timelines, plans for odour and storm water monitoring, and soil sampling activities. It is understood that the biosolids materials will be transferred from the Brady Road Resource Management Facility (BRRMF) to the proposed City-owned site at SE 11-10-01 EPM for use in the this Field Storage Assessment pilot. There will be several in-field storage options assessed in the pilot. It is proposed that the Field Storage Assessment pilot would start in early September and continue for 4 to 6 weeks.

Due to biosolids transportation limitations, biosolids are proposed to be transferred from the North End Water Pollution Control Centre (NEWPCC) and temporarily stored in a dedicated area in the north portion of BRRMF, and then reloaded to trucks with end dump trailers for hauling to the City owned site at SE 11-10-01 EPM for use in the Field Storage Assessment pilot. It is estimated that 6 to 10 end dump trailer truckloads of biosolids would be transferred to the site for use during the Field Storage Assessment pilot and then returned to BRRFM upon completion of this pilot.

Upon consideration of the request for approval of this Field Storage Assessment 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 BRRMF and the site of the Field Storage Assessment pilot in covered containers so as to prevent the loss of biosolids, soils that may be contaminated with biosolids, and associated liquids to the satisfaction of the assigned Environment Officer;
2. Biosolids materials other than those specifically involved with the Field Storage Assessment pilot shall not be stored at the site of this pilot;
3. Immediately upon successful establishment of all field storage areas of the Field Storage Assessment pilot, biosolids transferred from the NEWPCC to BRRMF for the purposes of this pilot that have not been transferred to the site of the pilot for use in the pilot shall be disposed of as waste at the BRRMF or as otherwise approved by the assigned Environment Officer;
4. Access to the site of the Field Storage Assessment pilot shall be limited to persons specifically participating in associated activities. General public access to the site shall not be permitted to the satisfaction of the assigned Environment Officer;
5. Surface water resulting from precipitation at the site of the Field Storage Assessment pilot during this pilot shall be controlled and managed to the satisfaction of the assigned Environment Officer;
6. The site of the Field Storage Assessment pilot shall be operated and maintained so as to control vector attraction and activity at the site to the satisfaction of the assigned Environment Officer;
7. A report summarizing all activities and results associated with the Field Storage Assessment pilot shall be submitted to the Environmental Approvals Branch, Manitoba Sustainable Development by not later than November 30, 2017; and
8. This approval shall terminate December 29, 2017.

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 Field Storage Assessment 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.

Yours sincerely,



Tracey Braun, M.Sc.
Director
Environmental Approvals Branch

- c. Duane Griffin, P.Eng. – Water and Waste Department, City of Winnipeg
- 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