



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

March 7, 2018

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

Dear Mr. Carroll:

Re: City of Winnipeg – 2017 Biosolids Master Plan Annual Progress Report

I am acknowledging receipt of the City of Winnipeg's (City) January 19, 2018 Biosolids Master Plan annual progress report (report) for 2017. As indicated in the report, the City must provide such annual reports regarding the biosolids application program and the status of the Biosolids Master Plan activities to the department by January 31 of each year. The submission of annual progress reports is a requirement in accordance with the approval of the Biosolids Master Plan dated March 10, 2016.

The report provides information regarding activities associated with the biosolids compost pilot (compost pilot) that occurred in 2017. The report indicates that the City directed approximately 11% of the biosolids produced by the City's wastewater treatment facilities to the compost pilot for that year and that shutdowns and cold weather were responsible for the City not being able to achieve its goal of 20%. The report also identifies that preliminary test results for metals and pathogen reduction indicate that required pathogen kill is a challenge and that use of compost produced by the compost pilot as a soil amendment for landfill top cover continues.

The report indicates that the City expects the compost pilot to conclude in May 2018 as approved in my February 6, 2017 letter. However, the report requests an extension to the deadline to complete a summary report on the compost pilot to October 1, 2018 while also being able to continue with the associated physical biosolids composting in the interim.

Upon consideration of the requests for approval to allow the compost pilot to continue past May 2018 and continue concurrently with the completion of a summary report I have decided pursuant to Section 14(2) of The Environment Act to approve the requests. All other previously approved proposed and imposed conditions, limitations and requirements on this pilot remain in place during this additional extension to the duration of this pilot. I hereby extend the timeframe for submitting a summary report as identified by Clause 78 of Environment Act Licence No.

3081R for this compost pilot. The summary report must include results of all matters associated with the compost pilot from initiation to the date the activities cease and the finalizing of the summary report on or before October 1, 2018.

The report also provides brief commentary regarding activities associated with the December 12, 2017 Biosolids Field Storage Assessment Report and the December 21, 2017 Biosolids Land Application Pilot Program 2017 Report that were previously submitted to the department. The reports identify that the City conducted public engagement with stakeholders from March to August 2017 and that the approved in-field storage assessment and land application of biosolids pilots occurred from September to November 2017 with 2,621 wet tonnes of biosolids being land applied. The reports will be posted to the public registry to provide the public and the Technical Advisory Committee access to the reports. Note that the Branch has received the January 31, 2018 Environment Act Proposal for Biosolids Land Application and we have commenced with its review.

Finally, the report identifies that the City plans to start a three-year soil fabrication pilot at the site of the City's Summit Landfill using City biosolids. The Environmental Approvals Branch received the Summit Soil Fabrication Pilot Project request for approval on February 9, 2018 and it is under review.

The department looks forward to continued advancements in the implementation of the Biosolids Master Plan and maintaining open communication and sharing of information relative to all associated endeavors.

If you have any questions or would like to discuss matters pertaining to the ongoing and upcoming proposed biosolids pilots or the Biosolids Master Plan please contact Robert Boswick, Environmental Engineer, at 204-945-6030 or robert.boswick@gov.mb.ca.

Yours sincerely,



Tracey Braun, M.Sc.
Director

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