



Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
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File: 963.20

December 21, 2018

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 – Summit Soil Fabrication Pilot Project – Proposed Windrow Turner Test – Request for Approval

I am responding to the December 13, 2018 email and attached description of a proposed windrow turner test relative to the Summit Soil Fabrication Pilot Project that was approved in a May 7, 2018 Director's letter. The description identifies that the proposed windrow turner test will be used to determine whether a pull behind compost turner would be effective in turning a test windrow that would be created in an identified area of the biosolids composting facility at the Brady Road Resource Management Facility (BRRMF). A map supplementing the description identified the area at BRRMF intended to host the test. The Summit Soil Fabrication Pilot Project is associated with the City's Biosolids Master Plan.

The description identifies that the test will utilize a leaf and yard waste compost turner already available at BRRMF to mix the test windrow. The description describes environmental controls for the test and the feedstocks involved: approximately 150 m³ of street sweepings brought from the Summit Landfill, approximately 50 tonnes of biosolids that would have been disposed of as waste at BRRMF, and wood chips from the BRRMF wood grinding operation. Surface drainage will be controlled on site. A loader will create windrows similar to those used for the project at the Summit Landfill site. The test will use similar portions of the materials and creation techniques as used at the Year One - Phase Two Pilot at the Summit Soil Fabrication Pilot Project. Upon completion of the test, the fabricated soil will be spread on a closed portion of the BRRMF landfill area close to the plots used for the 2017 fabricated soil. Results of the test will be provided to Manitoba Sustainable Development with two weeks of the test.

Upon consideration of the request for approval of this Summit Soil Fabrication Pilot Project windrow turner test, I have decided, pursuant to Section 6 of Manitoba Regulation 164/88 – Classes of Development, to approve the request subject to the following conditions:

GENERAL REQUIREMENTS

1. The City shall limit access to the site of the Summit Soil Fabrication Pilot Project windrow turner test at Brady Road Resource Management Facility (BRRMF) to persons specifically participating in associated activities.
2. Fabricated soils shall be applied only over areas of the BRRMF that are underlain by previously completed waste disposal cells and in such a manner that it is placed and spread so as to form a generally homogeneous cover layer.
3. Fabricated soils shall not be removed from the area of the Summit Soil Fabrication Pilot Project windrow turner test to areas outside of the BRRMF.
4. Environment Act Licence No. 3081 R applies to all site activities associated with this Summit Soil Fabrication Pilot Project windrow turner test at BRRMF.
5. A report summarizing all activities and results associated with this Summit Soil Fabrication Pilot Project windrow turner test at BRRMF shall be submitted to the Environmental Approvals Branch, Manitoba Sustainable Development within two weeks of completing the test.
6. This approval shall terminate not later than January 31, 2019 unless otherwise approved by the Director.

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 Summit Soil Fabrication Pilot windrow turner test at BRRMF, 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
Larry Markwart/Yvonne Hawryliuk – Environmental Compliance and Enforcement Branch,
Manitoba Sustainable Development
Robert Boswick/Asit Dey/Cory Graham – Environmental Approvals Branch, Manitoba Sustainable
Development
Public Registries