



APPROVAL TO OPERATE

I-8314

Pursuant to paragraph 8(1) of the *Water Quality Regulation - Clean Environment Act*, this Approval to Operate is hereby issued to:

Greater Moncton Sewerage Commission
for the operation of the
GMSC Composting Facility

Description of Source: Biosolids Composting Facility

Source Classification: Fees for Industrial Approvals Regulation - Clean Water Act Class 11

Parcel Identifier: 01023159


Mailing Address: 355 Hillsborough Road
Riverview, NB E1B 1S5


Conditions of Approval: See attached Schedule "A" of this Approval

Supersedes Approval: I-6340

Valid From: April 15, 2013

Valid To: April 14, 2018

Recommended by: 
Community Planning & Environmental Protection Division

Issued by: 
Minister of Environment and Local Government

April 12, 2013
Date

SCHEDULE "A"

A. DESCRIPTION AND LOCATION OF SOURCE

The Greater Moncton Sewerage Commission operates a Composting Facility located in Moncton, New Brunswick. The Composting Facility consists of the organic waste(s) identified under "DEFINITIONS" which are mixed together to produce a compost product.

The potential environmental impacts associated with the operation of the composting facility include, but are not limited to: i) the release of nuisance emissions (odourous compounds and/or noise).

The composting facility in Moncton, New Brunswick and located on the property identified by the Parcel Identifier (PID) Number 01023159 is hereby approved subject to the following:

B. DEFINITIONS

1. "Approval Holder" means Greater Moncton Sewerage Commission.
2. "Minister" means the Minister of Environment and Local Government and includes any person designated to act on the Minister's behalf.
3. "Department" means the New Brunswick Department of Environment and Local Government.
4. "Director" means the Director of the Impact Management Branch of the Department of Environment and Local Government and includes any person designated to act on the Director's behalf.
5. "Inspector" means an Inspector designated under the *Clean Air Act*, the *Clean Environment Act*, or the *Clean Water Act*.
6. "Facility" means the property, buildings, and equipment as identified in the Description of Source above, and all contiguous property in the title and/or in the control of the Approval Holder at that location.
7. "Biosolids" means the lime stabilized sewage sludge generated from the Greater Moncton Sewerage Commission.
8. "wood waste" means the sawdust, wood chips, shavings, and bark generated from wood mills in the Province of New Brunswick and untreated lumber that will be ground before use.

9. "hay" means hay from agricultural fields and farms.
10. "peat moss" means peat obtained from peat operations and/or bagged product.
11. "Organic residue" means yard waste and crop residues.
12. "Finished material" means the finished compost and/or other processed materials.
13. "environmental emergency" means a situation where there has been or will be a release, discharge, or deposit of a contaminant or contaminants to the atmosphere, soil, surface water, and/or groundwater environments of such a magnitude or duration that it could cause significant harm to the environment or put the health of the public at risk.
14. "Normal business hours" means the hours when the Department's offices are open. These include the period between 8:15 a.m. and 4:30 p.m. from Monday to Friday excluding statutory holidays.
15. "After hours" means the hours when the Department's offices are closed. These include statutory holidays, weekends, and the hours before 8:15 a.m. and after 4:30 p.m. from Monday to Friday.

C. TERMS AND CONDITIONS

GENERAL CONDITIONS

16. The Approval Holder of the Facility shall comply with the terms and conditions of Water Quality Regulation 82-126 under the *Clean Environment Act* of the Province of New Brunswick. Violation of this Approval or any term and/or condition stated herein constitutes a violation of the *Clean Environment Act*.
17. The issuance of this Approval does not relieve the Approval Holder from compliance with other bylaws, federal or provincial acts or regulations, or any guidelines issued pursuant to regulations.
18. **Prior to January 14, 2018**, the Approval Holder shall make application in writing for a renewal of this Approval on a form provided by the Minister.
19. The Approval Holder shall make application in writing, on a form provided by the Minister, for Approval to undertake any modification to the Facility that would significantly change the current composition and/or quantity of contaminants being discharged to the environment. The Minister must receive such application **at least ninety (90) days prior** to the planned modification commencement.

20. In the event of Facility closure, the Approval Holder shall notify the Director **at least ninety (90) days prior** to the anticipated closure date and shall provide a closure plan for approval, in writing, by the Director.
21. An inspector, at any reasonable time, has the authority to inspect the Facility and carry out such duties as defined in the *Clean Environment Act*, the *Clean Air Act* and/or the *Clean Water Act*.
22. The terms and conditions of this Approval are severable. If any term and/or condition of this Approval is held invalid, is revoked or is modified, the remainder of the Approval shall not be affected.
23. This Facility has been classified as a **Class 11 Facility**, pursuant to the *Fees for Industrial Approvals Regulation 93-201* filed under the *Clean Water Act*.
24. The Approval Holder shall ensure that a copy of this Approval, including all attached Schedules, is posted in a prominent location in the office or working area of the Facility.

EMERGENCY REPORTING

25. Immediately following the discovery of an environmental emergency, a designate representing the Approval Holder shall notify the Department in the following manner:

During normal business hours, telephone the Department's applicable Regional Office **until personal contact is made** (i.e. no voice mail messages will be accepted) and provide all information known about the environmental emergency. The telephone number for the Regional Office is provided below:

Moncton Regional Office (506) 856-2374

After hours, telephone the Canadian Coast Guard **until personal contact is made** and provide all information known about the environmental emergency. The telephone number for the **Canadian Coast Guard is 1-800-565-1633**.

26. Within 24 hours of the time of initial notification, a copy of a Preliminary Emergency Report shall be faxed, by a designate representing the Approval Holder, to the Department's applicable Regional Office *as well as* the Department's Central Office using the fax numbers provided below. The Preliminary Emergency Report shall clearly communicate all information available at the time about the environmental emergency.

Within five (5) days of the time of initial notification, a copy of a Detailed Emergency Report shall be faxed, by a designate representing the Approval Holder, to the Department's applicable Regional Office *as well as* the Department's Central Office using the fax numbers provided below. The Detailed Emergency Report shall include, as a minimum, the following: i) a description of the problem that occurred; ii) a description of the impact that occurred; iii) a description of what was done to minimize the impact; and iv) a description of what was done to prevent recurrence of the problem.

Moncton Regional Office Fax No: (506) 856-2370

Central Office Fax No: (506) 457-7333

OPERATING CONDITIONS

27. The Approval Holder shall ensure that the Facility is secured in such a manner as to prevent unauthorized access.
28. The Approval Holder shall ensure that any operating problems, which could result in non-compliance with this Approval, are reported immediately to the Director.
29. The Approval Holder shall ensure that the Facility shall be used for the composting of **wood waste, hay, peat moss, biosolids, and organic residue**. No other materials may be composted at the Facility without first applying for and receiving approval, in writing, from the Director.
30. The Approval Holder shall ensure that all materials that may drip liquid or debris during the transportation to the Facility are only accepted at the Facility if they are in vehicles/containers that are properly covered and sealed to prevent spillage.
31. The Approval Holder shall ensure that all runoff generated from the Facility is contained within the Facility by means of a holding pond or another method approved, in writing, by the Director.
32. The Approval Holder shall ensure that the composting mix has the appropriate Carbon to Nitrogen (C/N) ratio for maximizing the composting process.
33. The Approval Holder shall ensure that the composting material is turned regularly to enhance the composting process and minimize odours and the presence of insects and other vermin.
34. The Approval Holder shall ensure that odour, dust, and/or noise being released or discharged from the Facility does not cause adverse impacts to any off-site receptor. In the event impacts are suspected by the Department to be adversely impacting any off-site receptor, the Approval Holder may be required to investigate the degree of impact and/or develop, submit, and implement a Prevention and Control Plan in accordance with a timetable established by the Director. The plan shall be submitted in writing to the Director for review and approval prior to implementation.

LIMITS

35. The Approval Holder shall ensure that all finished material that does not meet the standards described in the most current version of the Canadian Council of the Ministers of the Environment (CCME) "Guidelines for Compost Quality" is disposed of at an approved sanitary landfill or recycled back into the composting process. This material is not permitted to be offered for retail sale or other use.
36. The Approval Holder shall ensure that no finished material is offered for retail sale or other use, without written approval from the Director. The attached "Confirmation Statement" form has to be submitted with the test results. Such approval is based on test results for the finished material, as discussed in the Testing and Monitoring section of this Approval.

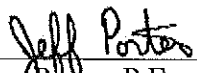
TESTING AND MONITORING

37. The Approval Holder shall test all finished material, to determine the parameters listed in the most recent version of the CCME "Guidelines for Compost Quality". This testing shall be done in accordance with the procedure outlined in the CCME Guideline.
38. The Approval Holder shall ensure that the six (6) monitoring wells (as shown in Figure 4.1 "location of boreholes/monitoring wells" attached in the report entitled "Environmental Evaluation Greater Moncton Sewerage Commission Composting Facility Moncton, N.B." submitted in December 2003 by AMEC Earth & Environmental Limited) shall be sampled and analyzed during May for General Chemistry, fecal coliform, and E-coli.

REPORTING

39. The Approval Holder shall ensure that a report is submitted to the Director within 30 days of receiving any sample results from the groundwater monitoring wells. The report shall contain the analytical results, commentary regarding the comparison of results to previous results and indicating whether there has been any potential impact to the environment, ground or surface waters. If an impact has occurred or is suspected the report must include a proposal for further investigation and/or remediation.

Prepared by:


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