



APPROVAL TO OPERATE

I-11946

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

Greater Moncton Wastewater Commission
for the operation of the
South Branch Biosolids Composting Facility

Description of Source:	Composting Facility	
Source Classification:	Fees for Industrial Approvals Regulation - Clean Water Act	Class 11
Parcel Identifier:	25253600, 25079401	
Mailing Address:	355 Hillsborough Road Riverview, NB E1B 1S5	
Conditions of Approval:	See attached Schedule "A" of this Approval	
Supersedes Approval:	I-11931	
Valid From:	January 03, 2023	
Valid To:	June 15, 2025	

Recommended by: _____

Issued by: _____

for the Minister of Environment and Climate Change

January 11, 2023

Date

SCHEDULE "A"

DEFINITIONS

"**Approval Holder**" means the person or entity to whom the Approval is issued, as named on the certificate page (first page) of the Approval.

"**Department**" means the New Brunswick Department of Environment and Local Government.

"**Minister**" means the Minister of Environment and Climate Change and includes any person designated to act on the Minister's behalf.

"**Inspector**" means an Inspector designated under the *Clean Air Act*, the *Clean Environment Act*, or the *Clean Water Act*.

"**Approved**" means approved in writing by the Director of the Authorizations Branch unless otherwise stated.

"**Facility**" means the property, buildings, equipment, stockpiles, access roads and other components associated with the composting facility located on the property identified by the Parcel Identifier(s) on the certificate page (first page) of this Approval, and all contiguous property in the title and/or control of the Approval Holder at that location.

"**Biosolids**" means the dewatered sewage sludge generated within the Province of New Brunswick.

"**fish waste**" mean the salmon and other fish wastes generated from fish processing plants in the Province of New Brunswick.

"**shell waste**" mean the lobster, crab, shrimp, and clam shell waste from processing plants located within the Province of New Brunswick.

"**wood waste**" means wood chips and sawdust from local sawmills and yard waste (brush, grass and leaves).

"**Active compost**" means compostable material that has undergone a minimal period of 3 months of composting activity (starting at the initial mixing of the feedstocks) and has undergone the time/temperature Process to Further Reduce Pathogens (PFRP), and is undergoing or capable of undergoing rapid decomposition but is not stabilized for use as a soil amendment. The degradation of the feedstock in this material must also be completed.

"**finished material**" means the finished compost and/or other processed materials.

"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.

"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.

"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.

"statutory holiday" means New Year's Day, Family Day, Good Friday, Easter Monday, the day fixed by proclamation of the Governor-in-council for the celebration of the birthday of the Sovereign (Victoria Day), Canada Day, New Brunswick Day, Labour Day, the day fixed by proclamation of the Governor-in-council as a general day of Thanksgiving, Remembrance Day, Christmas Day and Boxing Day. If the Statutory Holiday falls on a Sunday, the following day shall be considered as the Holiday.

TERMS AND CONDITIONS

EMERGENCY REPORTING

1. 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 applicable Regional Office is provided below.

After hours, telephone the **Environment and Climate Change Canada's National Environmental Emergencies Centre (NEEC) until personal contact is made** and provide all information known about the environmental emergency. The telephone number for the NEEC is **1-800-565-1633**.

Within 24-hours of the time of initial notification, a **Preliminary Emergency Report** shall be faxed or emailed by the Approval Holder to the applicable Regional Office and to the Department's Central Office using the contact information provided below. The Preliminary Emergency Report shall clearly communicate as much information that is available at the time about the environmental emergency.

Within five (5) days of the time of initial notification, a **Detailed Emergency Report** shall be faxed or emailed by the Approval Holder to the applicable Regional Office and to the Department's Central Office using the contact information provided below. The Detailed Emergency Report shall include, as 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.

Office location	Phone	Fax	Email
Bathurst Regional Office	(506) 547-2092	(506) 547-7655	Elg.egl-region1@gnb.ca <
Miramichi Regional Office	(506) 778-6032	(506) 778-6796	Elg.egl-region2@gnb.ca <
Moncton Regional Office	(506) 856-2374	(506) 856-2370	Elg.egl-region3@gnb.ca <
Saint John Regional Office	(506) 658-2558	(506) 658-3046	Elg.egl-region4@gnb.ca <
Fredericton Regional Office	(506) 444-5149	(506) 453-2893	Elg.egl-region5@gnb.ca <
Grand Falls Regional Office	(506) 473-7744	(506) 475-2510	Elg.egl-region6@gnb.ca <
Central Office	-	(506) 453-2390	Approval Engineer

FACILITY MANAGEMENT

2. 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 Department. The plan shall be submitted in writing to the Department for review and approval prior to implementation.
3. The Approval Holder shall ensure that the Facility is secured in such a manner as to prevent unauthorized access.
4. The Approval Holder shall ensure that any operating problems, which could result in non-compliance with this Approval, are reported immediately to the Department.
5. The Approval Holder shall ensure that the Facility shall be used for the composting of **Wood waste, Biosolids, Fish Waste, and Shell Waste**. No other materials may be composted at the Facility without first applying for and receiving approval, in writing, from the Director.
6. The Approval Holder shall ensure that no feedstock is imported from outside of New Brunswick for composting unless such a request is first registered and approved through the Department's Environmental Impact Assessment process.
7. The Approval Holder shall ensure that the materials that may drip liquid or debris during the transportation to the Facility shall only be accepted at the Facility in vehicles/containers that are properly covered and sealed to prevent spillage.

8. The Approval Holder shall ensure that the runoff generated from the mixing pad is diverted to the retention pond and then hauled to the Greater Moncton Wastewater Commission wastewater treatment plant or reintroduced into the windrows located on the mixing pad.
9. The Approval Holder shall ensure that the composting mix has the appropriate Carbon to Nitrogen (C/N) ratio for maximizing the composting process.
10. 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.
11. The Approval Holder shall ensure that the Biosolids are not stored on site; this material shall be mixed immediately upon delivery at the Facility and have the proper Carbon to Nitrogen ratio for composting and the windrows will be turned regularly in order to optimize the composting process.

TESTING AND MONITORING

12. The Approval Holder shall test all finished material that is to be used for public or retail use, 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.
13. The Approval Holder shall ensure that a surface water sample is taken from the East Brook, approximately 5 meters from the Brown Road, and analyzed during May, June, August and September for faecal coliform, suspended solids, nutrients, BOD, and COD.
14. The Approval Holder shall ensure that all parameters that are required to be analyzed by this Approval are analyzed by accredited laboratories whose accreditation includes the analytical method used to make the determination.

LIMITS

15. 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.
16. The Approval Holder shall ensure that no finished material is offered for retail sale or other use, without written approval from the Director. A "Confirmation Statement" form has to be submitted with test results. Such approval is based on test results for the finished material, as discussed in the Testing and Monitoring section of this Approval.

REPORTING

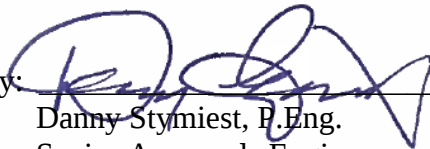
17. Within **30 days of receiving the results** of the testing described in the testing and monitoring section of this approval, the approval holder shall submit the test results to the department. The most recent test results shall be presented in a tabular form including the results from the previous two years. The tabular form shall contain at a minimum the following information: the location (longitude and latitude) of the sampling, the date of sampling, the testing parameters, and laboratory results.
18. Prior to **January 30 of each year**, the approval holder shall submit a compost material inventory to the department. This inventory shall include the quantity in cubic meters of:
a) all the compost feedstock that entered the facility during the previous calendar year; b) the finished material that exited the facility during the previous calendar year, and c) the total of the material that remained at the facility at the end of the previous calendar year.

Prepared by:



Jérémie Doucet
Approval Coordinator
Authorizations Branch

Reviewed by:



Danny Stymiest, P.Eng.
Senior Approvals Engineer
Authorizations Branch