



Government of Newfoundland and Labrador
Department of Municipal Affairs and Environment

CERTIFICATE OF APPROVAL

Pursuant to the Environmental Protection Act, SNL 2002, Sections 16, 78 and 83.

Issued: December 1, 2017
Expires: December 31, 2023

Approval No: WMS-17-12-006
File No: 839-CRS-001

Approval Holder: Town of Change Islands
P.O. Box 67
Change Islands, NL
AOG 1R0
Phone: 709-621-4181

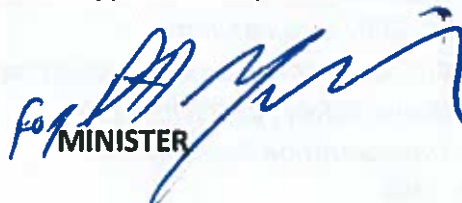
Attn: Mr. Craig Diamond, Town Clerk

RE: Approval to operate a waste recovery facility

Approval is hereby given for the operation of a Waste Recovery Facility located at the existing site on the main highway approximately 10 km outside the town, for the collection of bulk and waste dry materials for sorting and transfer to the landfill site at Central Regional Waste Management (CRWM) facility in Norris Arm North for final disposal.

This approval does not release the holder from the obligation to obtain appropriate approvals from other concerned provincial, federal and municipal agencies. Approval from the Department of Municipal Affairs and Environment (the Department) shall be obtained prior to any significant change in the design, construction, installation, or operation of the facility, including any future expansion of the works. This certificate shall not be sold, assigned, transferred, leased, mortgaged, sublet or otherwise alienated by the holder without obtaining written prior approval from the Minister.

This approval is subject to the terms and conditions attached hereto, as may be revised from time to time by the Department. Failure to comply with any of the terms and conditions may render this certificate of approval null and void, may require the approval holder to cease all activities associated with this certificate of approval, may place the approval holder and its agent(s) in violation of the *Environmental Protection Act*, SNL, 2002, c. E-14-2, and will hold the approval holder responsible for taking such remedial measures as may be prescribed by the Department. The Department reserves the right to add, delete, modify or revoke this approval at any time.


MINISTER

General

1. The waste recovery facility shall comply with applicable tenets of the most current versions of the following Environmental Standards:
 - GD-PPD – 046 Environmental Standards for Municipal Solid Waste Transfer Stations
 - GD-PPD– 063 General Environmental Standards for Municipal Solid Waste Facilities/Systems

Copies of all environmental standards/guidance documents and applicable appendices are posted to the Department's website.

www.env.gov.nl.ca/env/env_protection/waste/index.html

2. If different from the terms and conditions set out in the Department's Environmental Standards, those directly stated in the Certificate of Approval shall apply.
3. Separate approvals or an amendment to this approval will be required for other waste management activities and/or facilities at this site.

Financial Assurance

4. The approval holder is responsible to ensure that appropriate and adequate financial assurances and/ or environmental impairment liability and/ or pollution abatement assurance and automotive insurance policies are in place for all operators contracted to support the operations of this waste management facility.

Application Submissions

5. The operation of the Waste Recovery Facility shall be in accordance with:
 - Email request for renewal of Certificate of Approval received on November 30, 2017; and
 - Request in writing from Central Newfoundland Waste Management received on February 28, 2017.

Legislation Standards and Guidelines

6. The activities associated with this operation may involve, but not be limited to, the following provincial Acts and Regulations as amended:
 - *Environmental Protection Act RSNL, 2002 as amended*
 - *Air Pollution Control Regulations, 2004*
 - *Storage and Handling of Gasoline and Associated Products Regulations, 2003*
 - *Used Oil Control Regulations, 2002*
 - *Halocarbon Regulations, 2005*
 - *Pesticides Control Regulations, 2012*
 - *Water Resources Act, 2002 as amended*
 - *Environmental Control Water and Sewage Regulations, 2003.*
 - *Occupational Health and Safety Act RSNL, 1990*
 - *Dangerous Goods Transportation Act, 2006*
 - *Municipalities Act, 1999*
 - *Regional Service Board Act, 1990*
 - *Transportation and Works Act, 1995 (and Highway specifications as amended)*

7. The activities associated with this operation may involve, but not be limited to, the following federal Acts and Regulations as enforced by respective Federal Regulatory Agencies:

- *Canadian Environmental Protection Act and Regulations*
- *Transportation of Dangerous Goods Act and Regulations*
- *Fisheries Act*
- *National Fire Code*

Quality Control/Quality Assurance

8. Facility design, construction and operation must incorporate acceptable quality control/quality assurance (QC/QA) protocols and results and provide for changes if necessary to maintain and improve performance.

Operation of Waste Recovery Facilities

9. There shall be sufficient area for storage of materials and for queuing vehicles.

10. The approval holder shall provide supervision when any material is being delivered to each facility.

11. Incoming waste shall be routinely scrutinized to ensure unacceptable waste is not received at the site. Suspected hazardous waste shall be redirected to an appropriate CRSB facility.

12. The following types of bulk waste can be stored at the facilities on an interim basis:

- white goods
- end of life vehicles
- electronics
- tires
- wood waste such as Christmas trees and brush
- construction and demolition debris from residential sources
- furniture and other bulk household items

13. Maximum storage time for bulk waste shall not exceed 90% of the container or capacity for that specific waste. Arrangements shall be made at least every six months to have waste removed from the site. Waste shall be accepted for temporary storage for removal to reuse or recycling in such a manner that the risk of a fire is minimized. If the stockpile is considered excessive, unsightly or may pose an adverse impact to health, safety or the environment then the waste shall be removed immediately.

14. Removal of material from the site for recycling or disposal at the CNWM facility at Norris Arm North shall be done by a licensed company holding a current Certificate of Approval or employed by or under contract to CRWM.

15. Waste must be transported to and from the site in an enclosed vehicle or a vehicle to which a tarpaulin or netting is attached to prevent the loss of waste while the vehicle is moving any distance in excess of 0.5 km.

Operations and Maintenance Manuals/Plans

16. All site operations shall be in accordance with CRSB standard procedures and CRSB facility operations plans as approved by the Department. Changes to operations shall be noted in the CRSB annual report and updates filed with the Department as appropriate. The goal is to always maintain a high level of operational efficiency with minimal adverse environmental impact.
17. CRSB shall maintain a contingency plan for environmental and health and safety emergencies on file with Service NL and the Department prior to commencing operation and, thereafter, provide any annual updates. An updated copy of the contingency plan shall be kept on site at all times.

Surface Water Management

18. The approval holder shall ensure that site run-on is minimized by appropriate drainage ditching and sloping; and that run-off from the site does not have an adverse effect on the off-site environment.
19. The approval holder shall be required to mitigate significant adverse impacts to receiving watercourses which are impacted as a result of point source and non-point source discharges attributed to the facility.

Monitoring

20. The Department has the authority to require testing at any time when:
 - pollutants might be released to the surrounding environment without being detected; or
 - an adverse environmental effect may occur.
21. Any new and relevant information respecting any adverse effect that actually results, or may potentially result, from any activity to which the Approval relates, and that comes to attention after the issuance of the Approval shall be submitted to the Department in a timely manner.
22. The requirements of this Approval shall remain in effect until altered, in writing, by the Department.

Non-Compliance

23. The Department and Service NL shall be notified immediately of any incidents of non-compliance with this Approval.

Further Assessment

24. The Minister may at any time, with reasonable notice, require the approval holder to conduct or have conducted environmental studies, site assessments, sampling, testing, or investigations where, based upon reasonable and probable grounds, the Minister is of the opinion that the waste management system may have had, or has the potential to have, an adverse effect on the environment.

Environmental Emergency Health and Safety Contingency (EHS)

25. For afterhours emergencies and spill reports call: 1-800-563-9089 or (709) 772-2083.
26. All appropriate operations training and health and safety procedures shall be constantly maintained by CRSB in accordance with applicable legislation and Department Environmental General Standards for Municipal Solid Waste Management Facilities/Systems.
27. Incidents that could occur and require specific response planning include: contingency for unacceptable waste; equipment failure; waste or hazardous materials incidents/ spills; fire; air quality or odour problems, vector infestation. In the event of problems with wildlife encounters (e.g. black bears); the Department of Natural Resources can be contacted. Please refer to their website at:
<http://www.nr.gov.nl.ca/nr/forestry/enforcement/index.html#contact>.

Environmental, Aesthetic, Nuisance, and Housekeeping

28. Existing tree screens, outside the firebreak, that may conceal the sites from public view shall be maintained.
29. Access roads to each site shall be kept free of waste material and litter shall be controlled at all times.
30. Supervision shall be provided for all reception, placement, managing of waste at the facility.

Restrictions and Prohibitions

31. Certified waste management systems are subject to the following restrictions and prohibitions:
- There shall be NO incineration or open burning of any kind at waste management facilities / sites.
 - There shall be NO bulk liquids of any kind received or accepted at the facility with the exception of used oil, where a registered and approved used oil storage tank system is in place.
 - Special waste (please refer to definitions in Appendix D on the Departmental website) shall NOT be accepted.
 - Biomedical waste (please refer to definitions in Appendix D on the Departmental website) shall NOT be accepted.
 - International waste (please refer to definitions in Appendix D on the Departmental website), for the purposes of this approval, is to be considered as "special waste".
 - Specified risk material (please refer to definitions in Appendix D on the Department website), for the purposes of this approval, is to be considered as "special waste", shall NOT be accepted.
 - Asbestos waste shall NOT be accepted.
 - The approval holder may accept, for transfer, all non-program tires. Non program tires include all-terrain (ATV), or off the road (OTR) vehicle tires, tires used on rolling stock equipment used in the agricultural, forestry, industrial/construction and mining industries. These tires are not collected under the Used Tire Recycling Program by the MMSB and may be disposed to landfill.

- i. Acceptance of tires under the Used Tire Recycling Programs for temporary storage is limited to 100 tires per site. The Multimaterial Stewardship Board (MMSB) provides a collection service and shall be contacted at 1-800-901-6672. Additional information on tire storage can be found on the Departmental website.
- j. Electronic goods covered by a stewardship program shall not be disposed to landfill. This material may be collected on behalf of the organization responsible, or redirected to an approved collection point. Contact information, a list of accepted products and service providers in NL is provided at <http://www.mmsb.nl.ca/recyclingprograms/electronic-waste/>. Electronic waste that is damaged (e.g. broken monitors and cathode ray tubes), or dismantled to potentially expose hazardous constituents, is considered to be hazardous waste.
- k. Where appropriate facilities exist, vehicle wrecks and scrap metal shall be directed to recognized metal salvage and recycling operations. White metals such as freezers, refrigerators and stoves may be appropriately stockpiled in a separate area, pending at least semi-annual transport to a recycling operation. Metals shall be stock piled in a neat and tidy fashion and not exceed 90% storage capacity.
- l. Care shall be taken in storing equipment (refrigeration, air conditioning and fire extinguishing equipment) containing regulated substances, to avoid leakage until transfer to the CRWM facility where substances can be safely recovered by trained personnel approved under the Halocarbon Regulations. Once regulated substances have been safely recovered the equipment shall be labelled "Halocarbon free".
- m. Petroleum storage tanks (commercial or residential) must be drained of product prior to entering the site and shall only be accepted at the metal storage area.
- n. Low level radioactive material (NORMS <70 becquerels/g total specific activity) shall not be accepted at waste management facilities.
- o. Radioactive material (>70 becquerels/g) is separately regulated by the Canadian Nuclear Safety Commission, and shall not be accepted.
- p. Any mixture or combination of the above restricted waste is also restricted or prohibited.
- q. Any recyclable or waste material that is banned from landfill disposal shall be appropriately redirected. Refer to the *Waste Management Regulations, 2003 (amendment)*.

Waste Recovery

- 32. Any waste management processes carried out by the approval holder, CNWM or its contractors shall be done with prior approval from the Department.

Site Security and Signage

- 33. Unauthorized access to the waste management site shall be controlled. Measures may include fencing (wire mesh with a maximum opening of 20 cm), and shall include a secure gate or barrier at the site entrance (minimum opening of 8.5 m) with appropriate, highly visible signage to inform the public of acceptable waste materials, hours of operation, telephone number for contact and containing a "No Scavenging" stipulation.
- 34. An operator shall be kept on duty when and if the site is open to the public. The gate must be locked shut when the operator is not in attendance.

35. Areas shall be allocated and signs posted designating separate areas for the transfer, temporary storage and recycling or disposal of construction debris, white goods, household hazardous waste, municipal solid waste, and other approved waste as applicable.
36. A firebreak may be required around the perimeter of the site, please check with the authority having jurisdiction.

Noise

37. Noise levels at waste management facilities shall not exceed tolerable long term exposure limits for workers as recommended in guidelines under the *Occupational Health and Safety Act*.
38. Complaints about noise from nearby area residents (off-site) shall be responded and details recorded.
39. If complaints regarding noise from facility operations on or off the site are received, monitoring of sound levels may be required by the Department, and mitigation measures may be required.

Air Emissions

40. Any kind of incineration or open burning is strictly prohibited. The approval holder shall comply with the *Air Pollution Control Regulations, 2004* at all times.
41. Dust generation on site shall be minimized.
42. Standard procedures to address odour complaints associated with the facility shall be in accordance with CRSB Operations Manuals for Transfer Facilities.
43. A plan to reduce or cease odour generation shall be submitted at the request of the Department.

Service NL

44. Through a Memorandum-of-Understanding, the Department of Municipal Affairs and Environment has authorized Service NL to act on its behalf in inspecting and/or auditing the operation of waste management facilities, for compliance under this approval and all applicable provincial Acts and Regulations. The regional Service NL office may be used as the local point of contact in all cases. Service NL may contact the Department as necessary for review and consultation on monitoring results, inspections, reports, and changes or amendments to this Approval.

Reporting

45. The following information will be provided as part of the CRSB annual report that is submitted to the Department at the end of each calendar year:
- a. quantity, type, source (origin) and carrier of waste received;
 - b. quantity and type of materials recycled, if applicable;
 - c. quantity of residual material received at or transferred to the regional landfill
 - d. quantity and type of waste dangerous goods removed and the final disposal site;
 - e. records of any waste diversion;
 - f. a summary of any upsets or spills at the facility;

- g. a summary of any registered complaints and measures taken to resolve the complaints;
- h. any changes in procedure or operations;
- i. any changes or updates with respect to staffing and training
- j. any other information deemed necessary by the Department.

It is noted that volume and weight estimates will be substituted where scales have not been installed.

46. Any operational difficulties with potential environmental implications must be immediately reported to Service NL. The nature of the operational difficulty as well as the mitigation measures shall be included in the yearly report.

47. All incidents of:

- contingency Plan implementation;
- non-conformance of any condition within this approval;
- spillage or leakage of a regulated substance;
- leachate or wastewater discharge suspected to have exceeded criteria limits;
- complaints - verbal/written of an environmental nature from the public, any response, mitigation or corrective action e.g. due to air quality, odour or noise; and
- any incidence of vandalism or illegal dumping at or near the site;

shall be immediately reported, within one working day, to a person or message manager or facsimile machine to Service NL by phoning or faxing.

Avalon Region– Service NL (St. John’s)
Telephone (709) 729-2550
Facsimile: (709) 729-7400

Gander Region- Service NL
Telephone: (709) 256-1420
Facsimile: (709) 256-2318

48. A written incident report including a detailed description of the incident, summary of contributing factors and an action plan to prevent future incidents of a similar nature, shall be submitted to the respective Regional Director of Service NL. The action plan shall include a description of actions already taken and future actions to be implemented, and shall be submitted within thirty days of the date of the initial incident.

Decommissioning

49. A preliminary facility decommissioning plan must be submitted to the Department.

50. An approved alternative disposal or transfer location must be identified prior to closure and decommissioning.

51. A detailed decommissioning plan must be submitted to the Department six months prior to the planned date of final site closure. Decommissioning details must address site security, the removal of remaining material and on-site infrastructure, and financial arrangements for

any future environmental monitoring requirements, and outline potential future uses for the site.

Expiration

52. This approval expires on the date indicated on the first page of this Certificate.

53. A written request to extend this approval shall be submitted to the Department at least **60 days prior to expiration; concurrent to submission of the annual report.**

c.c. Dan Michielsen, Director
Pollution Prevention Division
Department of Municipal Affairs
and Environment
MichielsenD@gov.nl.ca

Glenn Worthman
Environment Canada
glenn.worthman@ec.gc.ca

Ian Duffett, P. Eng. Director Municipal
Infrastructure and Waste Management
Department of Municipal Affairs and
Environment
IanDuffett@gov.nl.ca

Wayne Lynch- Director
Service NL Gander
WayneLynch@gov.nl.ca

Rob Locke, Manager Operations and
Environmental Protection
Service NL, 5 Mews Place, St. John's
rlocke@gov.nl.ca

Glenda Melvin
Multi-Materials Stewardship Board
gmelvin@mmsb.ca

Ed Evans, Manager
Central Regional Waste Management
Facility, Norris Arm North
ed@cnwmc.com

