



Ministry of
Environment and
Climate Change Strategy

Comox Strathcona Waste Management Board

RE: Waste Management Technologies
October 11, 2018

Luc Lachance, Section Head
Regional Operations Branch – South Authorizations Team

Avery Gottfried, ME, P.Eng, Senior Policy Specialist
Environmental Standards Branch – Clean Communities Section



Ministry of
Environment and
Climate Change Strategy

Outline

- Waste Prevention Hierarchy
- Updated Guide to Solid Waste Management Planning
- Waste to Energy Policy
- Approved Solid Waste Management Plan
- Amendment Process
- Regulatory Requirements

5R Pollution Prevention Hierarchy



Updated Guide to Solid Waste Management Planning

- Updated in 2016
 - Lower the municipal solid waste disposal rate to 350 kg per person per year
- Eight Provincial principles for solid waste management
 - Promote zero waste approaches and support a circular economy
 - Promote the first 3 Rs (Reduce, Reuse and Recycle)
 - Maximize beneficial use of waste materials and manage residuals appropriately
 - Prevent organics and recyclables from going into the garbage wherever practical

Waste to Energy Policy

- Updated in September 2018
- Policy intention remains the same, with support of the 5R hierarchy and minimizing the volume of waste being disposed
- Identify a municipal solid waste disposal rate target of 350 kg/capita instead of a 70% diversion rate
- Ensure energy efficiency rate of at least 60% in a BC context
- Ensure proper regulatory requirements and plans prepared for all by-products

CSWM Approved Solid Waste Management Plan (SWMP)

- On May 23, 2013, the minister approved the 2012 SWMP with additional conditions.
- Condition 2 states that consistent with ENV guidelines and policies, a SWMP amendment must first be submitted prior to landfill expansion or waste-to-energy technologies and costs before possible inclusion in plan.

SWMP Amendment Process

- From the 2016 Guide to Solid Waste Management Planning:
- C.4.1 major amendments to the plan
 - The minister must approve any amendment to an approved SWMP and must be satisfied that adequate public review and consultation has occurred.

Other Regulatory Requirements

The project may be subject to an Environmental Assessment (reference to Reviewable Project Regulation) if:

- Threshold of 225 t/day (82,125 t/year) is met under the regulation (Table 11)
- The Minister designates a project as reviewable (as per the *Environmental Assessment Act*)

In summary

- The approved SWMP commits the CVRD to 70% waste diversion
- A condition for ministerial acceptance of the plan included the requirement for SWMP amendment for any waste-to-energy option
- SWMP planning guide triggers for major plan amendment
- Other regulatory requirements may apply

Contact Information

Luc Lachance, Section Head

Regional Operations Branch - South Authorizations Team

Luc.Lachance@gov.bc.ca

250-751-3125

Avery Gottfried, ME, P.Eng, Senior Policy Specialist

Environmental Standards Branch – Clean Communities Section

Avery.Gottfried@gov.bc.ca

778-698-9403