

Summary Long List of Solid Waste Management Options - Revised

The options have been split into six broad categories:

- Reduce & Reuse
- Recycling
- Organics Management
- Energy Recovery
- Residual Waste Management
- Other Options

A summary of the preliminary options for each category is shown below. Systems or technologies are assigned one of the following labels:

- 1 = Fully established
- 2 = Introductory phase
- 3 = Tried and failed
- * = Does not exist

The additional diversion potential (relative to total MSW) of each system or technology has been estimated, and grouped into one of the following categories:

- L = Low diversion potential
- M = Moderate diversion potential
- H = High diversion potential
- * = No diversion potential

Details on each of the options are provided in a separate document.

Waste Handling Option	Current 1,2,3	Additional Diversion Potential		
		Res.	ICI	DLC
Reduce & Reuse				
Education programs	1	L	L	L
Share Sheds	x	L	x	x
Waste Exchange Days	x	L	x	x
DLC reuse area at Landfill	2	x	x	H
Round up events	2	L	x	x
Industry Stewardship	2	L	L	x
Recycling				
Continue existing system - Residential mixed waste & blue bag	1	L	x	x
Expand types of recyclables collected in blue bag	1	L	x	x
Increase blue bag collection frequency	1	L	x	x
Expand types of recyclables collected at depots	1	L	x	x
Increase number of depots	1	L	x	x
Take control of collection of MFU recyclables.	x	H	L	x
Change to 2 stream collection system; organics & mixed waste. Compost the organics and mechanically separate recyclables.	x	H	H	x
Continue collection of blue bag recyclables. Treat mixed waste portion with mechanical separation of remaining recyclables and biological treatment of organics.	x	H	H	L
Switch to single stream commingled collection followed by mechanical separation of recyclables and biological treatment of organics (dirty MRF)	x	H	H	M
Organics Management				
Increase frequency of yard waste collection	1	M	x	x
Implement food waste collection	x	M	x	x
Increase organic waste drop off to include food waste.	x	L	M	L
Ban of organics at landfill	x	H	H	L
Centralized composting	x	H	H	L
Decentralized composting	2	H	H	L
Anaerobic Digestion	x	M	M	L
Aerobic Digestion	x	L	M	L
Energy Recovery				
Energy from Waste - Conventional Combustion Systems	x	H	H	M
Energy from Waste - Advanced Thermal Systems (pyrolysis, gasification)	x	H	H	M
Bioreactor landfill - Anaerobic biogas generation	x	H	H	M
Residual Waste Management				
Continue to provide environmentally compliant landfill Capacity	1	x	x	x
Close local landfill and send waste to regional southern BC landfill	x	x	x	x
Other Options				
Disposal bans for specific materials with alternative handling options provided by RDCO	2	L	H	H
Disposal bans for DLC waste with alternative handling options provided by private sector.	x	x	x	H
Variable Tipping Fees	2	L	H	H
Limits on garbage collection volume	2	M	x	x
Pay by weight garbage collection	x	M	x	x
RDCO take control of collection of all MFU waste	x	x	M	x