



MORRISON HERSHFIELD

February 28, 2020

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Environmental Services Coordinator  
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Dear Ms. Blaney:

**Re: Recycling and Organics Diversion Strategies to include as part of Preferred Options**

Under the Environmental Management Act, regional districts are required to have a solid waste management plan (SWMP), which must be developed following the solid waste management planning guidelines provided by the Ministry of Environment and Climate Change Strategy (the Ministry) for content and process.

The Regional District of Kitimat Stikine (RDKS) is in the process of developing a new SWMP. During the Public and Technical Advisory Committee (PTAC) meeting held on February 11, 2020, potential recycling and organics diversion strategies and options were discussed and PTAC members were asked to indicate their individual preferences and priorities of the strategies discussed.

Morrison Hershfield recommends that the attached list of recycling and organics diversion strategies and priorities (refer to Table 1 and 2) are carried over into the PTAC meeting later this spring when the overall Preferred Options are evaluated and selected. MH's recommendation includes all but one of the strategies presented in the Memo: *Recycling Options to Consider for Inclusion in the Solid Waste Management Plan*, and at the February 11, 2020 PTAC meeting. Based on the feedback received from PTAC members, *Strategy 6. Consider options for mattress recycling* was removed from further considerations. Figure 1 and 2 show graphs of the results from preferences and priorities placed by PTAC members.

Furthermore, based on discussions with PTAC at the February 11 meeting, MH recommends to include an additional option under Strategy 5. The additional option recommended for inclusion is:

*5C. Develop a targeted campaign for hazardous household waste with the purpose of informing residents and businesses of proper material management aimed to capture more materials.*

The PTAC members will have a second opportunity to review the selected recycling and organics diversion strategies together with those for reduce and reuse, residual waste

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management and cost recovery during the Preferred Options meeting this spring. The selected preferred options will form the basis of the draft SWMP, which will be brought to public consultation in the early fall of 2020.

Sincerely,



Veronica Bartlett, M.Sc.  
Solid Waste Planner, Environment  
Morrison Hershfield Limited

\\MH.LOCAL\DATA\PROJ\2019\190497600-RDKS SOLID WASTE MANAGEMENT PLAN\08. WORKING\02 RECYCLING MEMO\LTR\_2020-02-28-RECOMMENDATION\_RECYCLING AND ORGANICS DIVERSION\_FOR PREFERRED OPTIONS\_190497600\_FNL.DOCX

Table 1 Recycling strategies to be considered for inclusion as part of the Preferred Options.

RECYCLING				
#	Strategy	Short-term Priority (0-5 yrs)	Long-term Priority (5-10+ yrs)	Comments on Priorities
1	Lobby for improved accessibility to EPR programs	✓		Extra focus to be given to lobbying for inclusion of new materials, regardless of the source (residential or ICI), under the Recycling Regulation.
2	Provide continuous diversion education and outreach programs coupled with enforcement	✓	✓	Data collection, such as curbside or set-out audits, coupled with education is high priority. Long-term priority to collaborate with haulers to develop strategy to pass down fines to offenders.
3	Support ICI to encourage waste diversion	✓	✓	Strategy warranted both short-term and long-term focus. Clear communication is needed to ensure ICI meet applicable bylaw requirements.
4	Reduce recycling costs	✓	✓	Strategy warranted both short-term and long-term focus. Focus on collaboration with stewards and establishing local processors and markets to reduce transportation costs.
5	Improve drop-off options for household hazardous waste where gaps exist	✓	✓	The support for this strategy was divided between short- and long-term focus. MH recommends continuous focus is given the management of household hazardous waste considering the potentially high environmental impact of improper disposal. Areas with limited options for hazardous waste collection should be prioritized.
6	Consider options for mattress recycling			This strategy was identified as long-term priority or no priority by PTAC members and is therefore recommended to be removed from further consideration.
7	Increase diversion of C&D waste	✓		Bylaws are in place requiring diversion of certain C&D materials; these bylaws should be better enforced.

Table 2 Organics and system efficiency strategies to be considered for inclusion as part of the Preferred Options.

ORGANICS DIVERSION & SYSTEM EFFECIENCY				
#	Strategy	Short-term Priority (0-5 yrs)	Long-term Priority (5-10+ yrs)	Comments on Priorities
8	Establish organics processing capacity at suitable facilities	✓	✓	Focus on lobbying for inclusion of <i>recyclable cardboard and paper</i> as material suitable for composting under OMRR.
9	Amend solid waste bylaw to encourage waste diversion	✓	✓	Ensure processing and recycling options exist and that sufficient resources are available to enforce bylaw amendments.
10	Support communities to introduce curbside collection	✓	✓	Support to be given granted recycling/ organics processing facilities exist. The support for this strategy was divided between short- and long-term focus.
11	Incentivize improved contractor and diversion performance	✓	✓	The support for this strategy was divided between short- and long-term focus. The RDKS is recommended to regularly assess the need for more incentive based contracts.

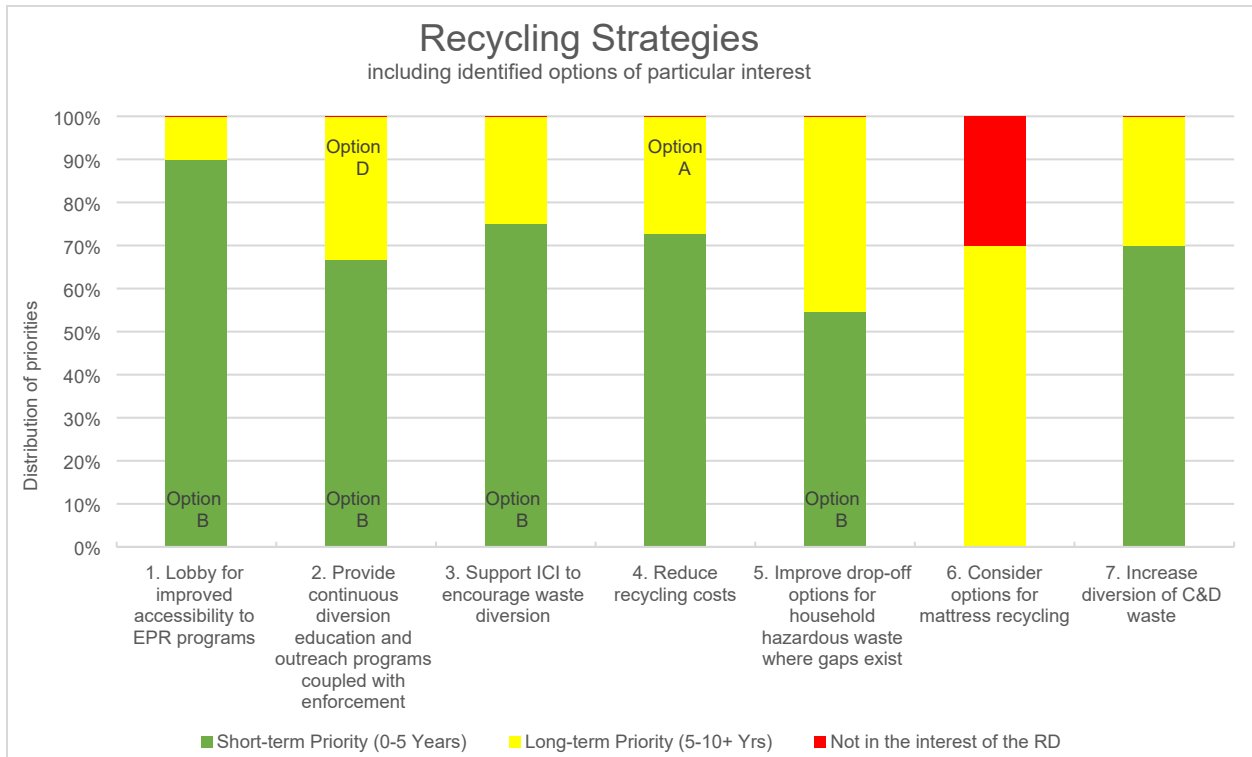


Figure 1 Distribution of PTAC member priorities placed on the presented recycling strategies.

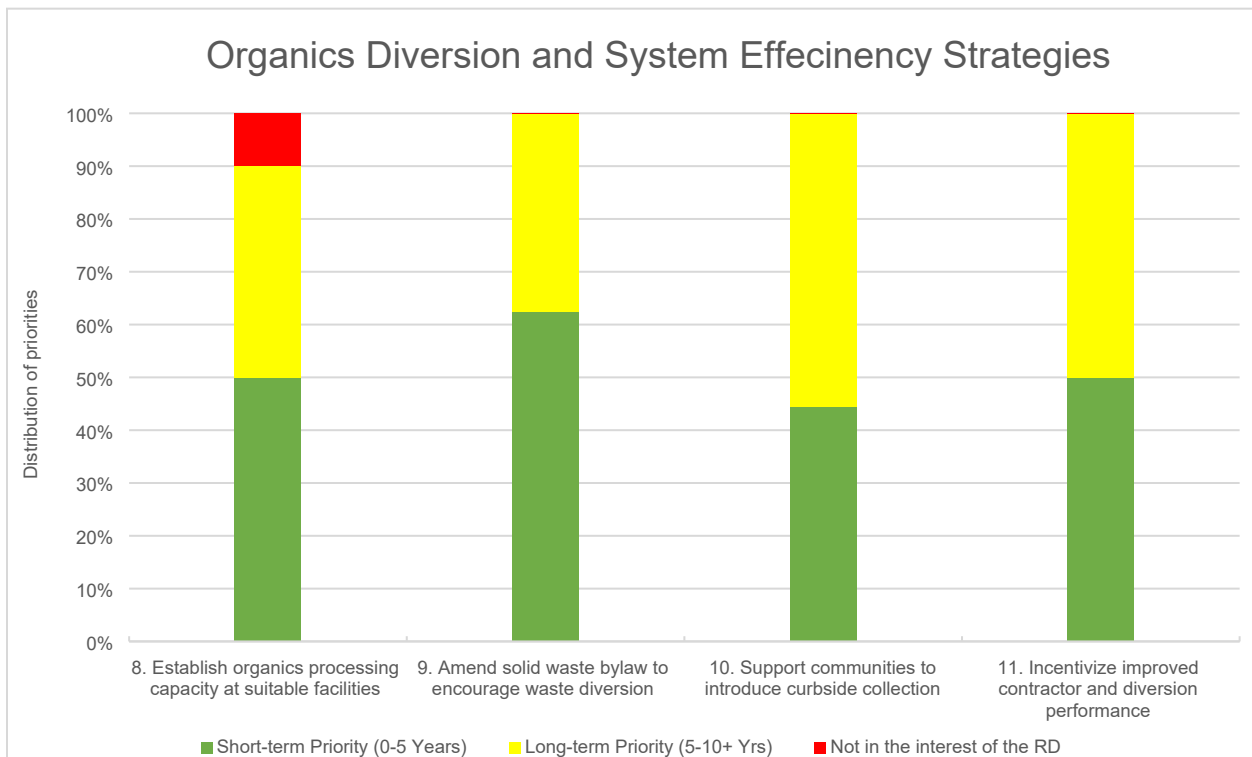


Figure 2 Distribution of PTAC member priorities placed on the presented organics diversion and system efficiency strategies PTAC did not highlight any specific options for these strategies of particular interest.