



To: The Public and Technical Advisory Committee (PTAC)
From: Regional District of Kitimat-Stikine (RDKS) Administration
Date: March 3, 2020
Re: **Recycling and Organics Diversion Options to Consider for Inclusion in the Draft Solid Waste Management Plan.**

Attachments:

- (1) Letter from Morrison Hershfield dated February 28, 2020 Re: Recycling and Organics Diversion Strategies to include as part of Preferred Options (5 pages)
- (2) Memo from Morrison Hershfield dated February 3, 2020 Re: Recycling Options to Consider for Inclusion in the Solid Waste Management Plan

Recommendation:

The Public and Technical Advisory Committee identify and recommend the Preferred Recycling and Organics Management Options for inclusion in the draft Solid Waste Management Plan from the following:

- 1A. Lobby for better service levels for existing EPR materials in rural areas.
- 1B. Lobby for inclusion of new materials, regardless of the source (residential or ICI), under the Recycling Regulation, in particular ICI packaging and printed paper.
- 2A. Regularly update existing communication plan. Develop performance targets and monitor the performance of the implemented communication plan.
- 2B. Perform audits, such as set-out audits, to assess curbside participation rates or curbside audits to assess the waste composition of the different waste streams, coupled with in person education and out-reach. Issuing of fines may be considered for repeat offenders.
- 2C. Provide contractor education pertaining to bylaw requirements, contract requirements and the importance of reporting of non-compliance and contaminated waste loads. Performance incentives through contract adjustments or other means might be warranted.
- 2D. In collaboration with waste haulers develop a common approach allowing haulers to pass down fines for contaminated waste loads to waste generator.
- 3A. Support private collectors with an updated hauler information package to encourage better ICI recycling amongst its customers.
- 3B. Promote available waste diversion opportunities and provide or support diversion coaching to commercial generators.



3C. Establish an ICI waste diversion working group to focus on largest waste generators and find waste diversion solutions that can benefit many parties.

4A. Maximize the partnership opportunities with stewardship organizations, such as for residential recycling at the Kitwanga Transfer Station and for curbside collection in the Greater Terrace Area.

4B. Undertake an efficiency review of the management of recyclables within the region.

4C. Pursue composting of paper products at locations where deemed feasible.

4D. Set cost threshold when alternative lower cost options (e.g. composting, burning or landfilling) are pursued until recycling is no longer cost prohibitive.

5A. Offer recurring roundup collection events for hazardous waste in potential partnership with stewardship organizations.

5B. Offer permanent drop-off options for targeted EPR materials at suitable transfer stations through partnership with stewardship organizations.

6A. Investigate feasibility of recycling mattresses (or parts of them) in the region, and implement pilot when deemed feasible.

7A. Create a C&D waste working group with parties from the C&D sector and if suitable from industry.

7B. Perform a waste composition study of commercial C&D waste to identify and quantify recyclable waste streams.

7C. On a regular basis conduct research to identify local diversion options for asphalt shingles, dry wall and clean wood.

7D. Explore the need for operational material at the landfills and the options to use shingles and/or concrete for beneficial use.

7E. Under existing bylaws specify identified materials, such as clean wood waste and asphalt shingles, and classify these as restricted materials. Amendments to the tipping fee structure to encourage segregation of these materials may also be warranted.

8A. Issue a request for qualifications to assess suitable designs and costs to establish a composting facility at Hazelton Waste Management Facility, and implement if deemed feasible.

8B. Support the District of Stewart to assess the feasibility of a small-scale compost facility and support implementation if deemed feasible.

8C. Lobby for the regulation governing organics management to include uncontaminated paper products as approved feedstock where recycling is cost prohibitive.



9A. Amend the definition of organic materials and develop a separate category for clean wood waste. Include this new category under restricted material under both Bylaw 671 and 688.

9B. Amend the list of prohibited materials to be as consistent as possible between the two service areas, granted diversion options exist and are developed.

9C. Adjust the current fee schedule to encourage increased diversion. Consider surcharges on contaminated loads.

9D. Adjust the current fee schedule to allow agreements with stewards such as MARR.

10A. Support the implementation of curbside collection of recyclables and/or organics in communities in the region.

11A. Explore the option of introducing an incentive-based program to improve contractor and diversion performance through a combination of education, increased contractor involvement and potentially financial rewards.

Background:

At the February 11th meeting of the Public and Technical Advisory Committee (PTAC), the PTAC was engaged in a feedback activity to rank potential Recycling and Organics Diversion strategy options as High Priority (Short-Term; 0 to 5 years), Lower Priority (Long-Term; 5 to 10 years), and Not in the Interest of the Regional District. The attached letter from Morrison Hershfield (Attachment #1) outlines the results of this exercise and written feedback provided by PTAC.

The information provided in Attachment #1 is intended to assist PTAC in determining which options to recommend be moved forward as Preferred Options for inclusion in the Draft Solid Waste Management Plan. The memo from Morrison Hershfield outlining the Recycling and Organics Diversion Options discussed at the February 11th meeting has also been attached to this report for reference (Attachment #2).