



Regional Solid Waste Management Plan Review

November 13th 2019

Advisory Committee Meeting #7

Consultation Results & Overview

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Agenda

The Planning Process

Review of Key Drivers & Guiding Principles

Discussion on Plan Strategies & Actions

Next Steps & Wrap-up



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PLANNING PROCESS

RDEK SWMP UPDATE

Phase 1

1. Assess existing
system
Issues & Opportunities

Establish Technical
Advisory Committee

Phase 2

2. Waste Diversion

3. Residual Waste
Management

4. Policies & Bylaws

5. Financing

6. Draft SWMP

Phase 3

Community &
stakeholder
consultation

Finalize plan



Key Drivers

- Expand Diversion at small transfer stations.
- Consider adding supervision at transfers stations.
- Consider adding a full service transfer station in Invermere or Radium
- Incentivize waste reduction
- Explore opportunities to divert organic waste.
- Maintain financial sustainability.





Survey Feedback

What we heard throughout the process so far:

- Make recycling easy
- Focus on reduction
- Explore organics diversion
- Explore curbside collection of garbage, recycling & organics
- Provide more education on services available
- Prevent illegal dumping
- Ensure ease of use
- Seasonal users are important part of system
- Consider ICI and C&D users
- Keep system costs reasonable



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GUIDING PRINCIPLES

BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

BC's Guiding Principles

1.	Aspire to promote zero waste approaches and support a circular economy.
	<i>Encourage a shift in thinking from waste as a residual requiring disposal, to waste as a resource that can be utilized in closed loop systems. Zero waste approaches aim to minimize waste generation and enable the sustainable use and reuse of products and materials.</i>
2.	Promote the first 3 Rs (Reduce, Reuse and Recycle).
	<i>Elevate the importance of waste prevention by prioritizing programming and provision of services for the first 3 Rs in the 5 R hierarchy. Implement programs and services that consider provincial and regional targets for waste reduction and environmental protection. Encourage investments in technology and infrastructure and ensure they occur as high up on the hierarchy as possible.</i>
3.	Maximize use of waste materials and manage residuals appropriately.
	<i>Technology, best practices, and infrastructure investments should continue to develop to recover any remaining materials and energy from the waste stream and to manage residuals for disposal.</i>

BC's Guiding Principles

4.	Support polluter and user-pay approaches and manage incentives to maximize behaviour outcomes.
	<i>Produce and user responsibility for the management of products can be supported through the provision of market-based incentives, disposal restrictions on industry-stewarded products, zoning to support collection facilities, and support for reuse and remanufacturing businesses. Education and behavior change strategies aimed at consumers and businesses will help foster further waste reduction, reuse and recycling.</i>
5.	Prevent organics and recyclables from going in the garbage wherever practical.
	<i>Maintaining a system to prevent organics and recyclables from going into the garbage will provide clean feedstock of greater economic value as well as a potential end product use to the recycling industry, while reinforcing behavior to reduce, reuse and recycle.</i>
6.	Collaborate with other regional districts wherever practical.
	<i>Collaboration on many aspects of solid waste management will support the most efficient and effective overall municipal solid waste system.</i>

BC's Guiding Principles

7.	Develop collaborative partnerships with interested parties to achieve regional targets set in plans.
	<i>Strengthen partnerships with interested parties to achieve regional targets. All waste and recycling sector service providers, associations and environmental organizations, product stewardship producers and agencies, and waste generators are key interested parties in achieving these targets.</i>
8.	Structure the system so that private and public solid waste facilities compete on a level playing field.
	<i>Solid waste management facilities within a given region should be subject to similar requirements. A consistent set of criteria should be used to evaluate the waste management solutions proposed by private sector and by a regional district or municipality.</i>



Increase Waste Reduction & Recycling

- 1. Encourage initiatives that support reuse and recycling in the community**
- 2. Encourage municipalities to develop and administer policies and bylaws that promote waste reduction**
- 3. Expand EPR Product Recycling at major transfer stations**
- 4. Expand Diversion Opportunities for wood waste, yard waste, scrap metal**
- 5. Ensure consistent signage is used throughout the region to educate users on recycling**
- 6. Develop region-wide strategy for recycling access**
- 7. Establish bylaw that mandates recycling programs in commercial sector**



Increase Organic Material Diversion

- 1. Develop food waste reduction education program**
- 2. Encourage community initiatives that focus on food waste reduction**
- 3. Continue to promote and provide education for at-home food waste management**
- 4. Explore feasibility of centralized or subregional compost facilities**
- 5. Provide additional capacity for yard waste diversion in the RDEK**
- 6. Continue to divert wood waste from the landfill and expand where possible**

Enhance Residual Waste Management

- 1. Complete Detailed Rural Transfer Station Optimization Study for Columbia Valley and Central Subregion**
- 2. Consider feasibility of implementing recommended transfer station upgrades**
- 3. Complete Landfill Criteria Conformance Review & Upgrading Plan for 3 Subregional Landfills**
- 4. Legacy Landfill Closure Considerations**

Policies & Bylaws

- 1. Review user-fee structure and update to encourage waste diversion**
- 2. Develop region-wide illegal dumping prevention strategy & allocate clean-up funds**

Promotion & Education

- 1. Increase P&E for EPR Programs**
- 2. Promote HHW Drop-off in Cranbrook**
- 3. Increase P&E for organics diversion**

NEXT STEPS

- **Update Draft Plan Based on Feedback**
- **Finalize Draft Plan & Consultation Summary**
- **RDEK Board**
- **Submit to Ministry of Environment**



THANK YOU!



***“Engineering Better Solid
Waste Management Systems
Today for a Cleaner
Tomorrow”***

