

**REPORT TO ENVIRONMENTAL SERVICES COMMITTEE  
MEETING OF WEDNESDAY, APRIL 19, 2023**

**SUBJECT**    **Solid Waste Management Plan – 2022 Progress Report**

**ISSUE SUMMARY**

To present the Capital Regional District's (CRD) 2022 Solid Waste Management Plan Progress Report (Appendix A), which identifies progress towards implementing the CRD's 2021 Solid Waste Management Plan (SWMP).

**BACKGROUND**

In BC, it is a requirement under the *Environmental Management Act* for all regional districts to develop their own solid waste management plans. They are high-level, long-term visions of how a regional district would like solid waste managed within the community, in accordance with the 5R hierarchy of reduce, reuse, recycle, resource recovery and residuals management.

The CRD's first SWMP was approved by the Province in 1989, was updated in 1991 and again in 1995, and subsequently received eight amendments. A new SWMP for the region began development in 2012 and was endorsed by the CRD Board in May 2021. This new SWMP was submitted to the Province for approval in August 2021, and work towards implementation commenced.

The 2021 SWMP includes four goals and 15 strategies, as shown below. An update on the progress towards implementation of the strategies can be found in Appendix A of the attached progress report.

<b>GOALS</b>			
Have informed citizens who participate effectively in proper waste management practices	Surpass the provincial per capita waste disposal target	Extend the life of Hartland Landfill to 2100 and beyond	Ensure that the CRD's solid waste services are financially sustainable

<b>FOCUS AREAS</b>		
<b>Reduce and Reuse Strategies</b>	<b>Recycling Strategies</b>	<b>Recovery and Residual Management Strategies</b>
1. Continue and Enhance Education Programs 2. Encourage Waste Prevention 3. Support Reduction of Avoidable Food Waste 4. Support Reuse Activities in the Region 5. Support Local Governments in Working Towards Zero Waste and a Circular Economy 6. Continue and Enhance Policy Development	7. Increase Residential Diversion 8. Increase Multi-Family Diversion 9. Increase Industrial, Commercial and Institutional Diversion 10. Support Existing and New Extended Producer Responsibility Programs 11. Increase Organics Diversion and Processing Capacity 12. Increase Construction, Renovation and Demolition Material Diversion 13. Encourage Proper Public Space Waste Management Activities	14. Optimize Landfill Gas Management 15. Enhance Hartland Disposal Capacity

Performance indicators in the attached 2022 report have been analyzed and assessed by CRD staff. In 2022, the CRD calculated a disposal rate of 409 kg/capita, an increase of 9 kg/capita over the previous year. New policies for consideration by the Environmental Services Committee in April 2023 are expected to support the CRD to reduce the per capita disposal rate and make progress towards the SWMP disposal rate target of 250 kg/capita.

The Province requires SWMP implementation to be monitored by a plan monitoring committee, which is one of the main roles of the CRD's Solid Waste Advisory Committee (SWAC). The 2022 SWMP Progress Report will be reviewed by SWAC and, in 2023, staff will work in consultation with SWAC to develop indicators to enhance reporting on the progress towards achieving the four goals of the SWMP.

### **CONCLUSION**

The CRD's Solid Waste Management Plan (SWMP) includes four goals and 15 strategies and staff began implementation of the strategy in 2021. An update on the progress towards implementation of the strategies can be found in the CRD's 2022 SWMP Progress Report. In 2022, the CRD's per capita disposal rate increased; however, policies for consideration by the Environmental Services Committee in April 2023 are expected to support the CRD to reduce the per capita disposal rate, and make progress towards the SWMP. The CRD's 2022 SWMP Progress Report will be reviewed by the Solid Waste Advisory Committee (SWAC) and, in 2023, staff will work in consultation with SWAC to develop indicators to enhance reporting on the progress towards achieving the four goals of the SWMP.

### **RECOMMENDATION**

There is no recommendation. This report is for information only.

Submitted by:	Russ Smith, Senior Manager, Environmental Resource Management
Concurrence:	Larisa Hutcheson, P. Eng., General Manager, Parks & Environmental Services
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

### **ATTACHMENT**

Appendix A: Solid Waste Management Plan – 2022 Progress Report