

Meeting Minutes

Solid Waste Advisory Committee

Friday, July 7, 2023

12:30 PM

CRD Boardroom
625 Fisgard Street
Victoria, BC V8W 2S6

PRESENT: R. Anderson (EP); C. Blanchard, M. Coburn, B. Desjardins (Chair), S. Gose, M. Kurschner, E. Latta (EP), M. McCullough (EP), D. Monsour, R. Pirie, J. Shaw, K. Siefried, D. Thran, R. Tooke (Vice-Chair),

STAFF: A. Chambers (Recorder), R. Smith, W. Dunn (EP), L. Ferris, A. Gilmour Ford, A. Panich (EP), K. Masters, B. Moody, P. Scaber

REGRETS: F. Baker, J. Collins, N. Macdonald, R. Newlove, J. Oakley, J. Rintoul, W. Stevens, S. Young Jr.

GUEST: C. Remington (CEC)

EP - Electronic Participation

The meeting was called to order at 12:30 pm.

1. Territorial Acknowledgement

2. Approval of Agenda

Agenda for the July 7, 2023 Solid Waste Advisory Committee meeting.

MOVED by D. Monsour, SECONDED by J. Shaw
That the agenda be approved as circulated.
CARRIED

3. Adoption of Minutes

Minutes from the June 2, 2023, Solid Waste Advisory Committee meeting.

MOVED by S. Gose, SECONDED by D. Thran
That the minutes of the June 2, 2023, Solid Waste Advisory Committee meeting be adopted as circulated.
CARRIED

4. Chair's Remarks

Chair Desjardins added cruise ship tour to *other business* so those that attended could update the group.

5. Presentations/Delegations

6. Committee Business

- a. Actual and Projected Monthly Refuse Tonnages at Hartland Landfill (standing item)

The tonnage graphs are posted via this link: <https://www.crd.bc.ca/about/data/hartland-landfill-tonnage>.
The June data was not available for the July Solid Waste Advisory Committee (SWAC) meeting, this agenda item was deferred to the next meeting.

b. Progress Report Indicators Discussion

K. Masters and A. Gilmour Ford presented on the progress indicators. The full presentation is attached as Appendix A. The following motion was passed:

The Solid Waste Advisory Committee endorses the proposed progress report indicators and the associated Market Research, Waste Generator Studies and Waste Composition Studies.

MOVED by R. Tooke. SECONDED by J. Shaw

CARRIED

c. Multi-Family Dwelling Waste Diversion Project Presentation

B. Moody and P. Scaber presented on their work with the multi-family dwellings (MFD). Once this project wraps up, CRD staff will provide an update to the Solid Waste Advisory Committee. The full presentation is attached as Appendix B.

7. Correspondence

There was no correspondence.

8. Other Business

The Solid Waste Advisory Committee were offered a tour of the Ovation of the Seas cruise ship, and in particular, the waste sorting and management. Six-members attended and provided a brief update on their experience. Overall, the group was impressed with what measures were in place for the sorting and management of the cruise ships waste.

9. Next Meeting

The next Solid Waste Advisory Committee meeting will be September 8, 2023.

10. Closing Comments

There were no closing comments.

11. Adjournment

The meeting was adjourned at 14:27.

**MOVED by J. Shaw, SECONDED by D. Monsour
That the Solid Waste Advisory Committee be adjourned.
CARRIED**

2023 Progress Report Performance Indicators Discussion

*Solid Waste Advisory Committee
July 7, 2023*

Agenda

1. “What We Heard”

- Summary of Indicators Discussion Part 1

2. Proposed Studies

- Solid Waste Composition Study
- Generator Study
- Market Research Study

3. Proposed Progress Tracking



What We Heard – June 2, 2023



Some common themes that emerged in and outside the scope of performance indicators and metrics for the annual progress report.

In Scope	Out of Scope
<ul style="list-style-type: none">• Report on impacts and quality versus only quantity• Complete waste composition studies more frequently• Introduce economic indicator• Introduce indicators by material type• Introduce indicators related to landfill fill date• Use units consistent with SWMP goals where possible (i.e., kg/capita)	<ul style="list-style-type: none">• Ideas for activities, projects, programs• Outreach and engagement strategies• Suggestions that would require modification to the Solid Waste Management Plan• Greenhouse Gas Emissions (except landfill gas)

Proposed Additional Studies

Staff propose introducing new and more frequent studies to have more data and allow for comparisons over time. These studies would rotate on a three-year cycle for the lifetime of the Solid Waste Management Plan.

Market Research	Waste Generator Study	Waste Composition Study
<ul style="list-style-type: none"> • Begin in 2024 • Measure the impact of CRD waste reduction programming and programs the CRD funds • Understand knowledge of residents and businesses in relation to the Solid Waste Management Plan, the general waste system and available services 	<ul style="list-style-type: none"> • Begin in 2025 • Understand how much waste is recycled, composted or put in the garbage at the generator level • Gather data at the source • Sector and material category specific data 	<ul style="list-style-type: none"> • Next study in 2026 • Identify waste landfilled at Hartland Landfill’s active face • Sector and material category specific data

Proposed Progress Tracking

Goals			
1 - To surpass the provincial per capita waste disposal target	2 - To extend the life of Hartland Landfill to the year 2100 and beyond	3 - To have informed citizens that participate effectively in proper waste management practices	4 - To ensure that the CRD's solid waste services are financially sustainable

Progress Status

Staff have drafted progress status definitions for each Solid Waste Management Plan goal and would like input from Solid Waste Advisory Committee.

Primary Indicators and Inputs

Reports and data staff will use to help inform the progress status of each goal.



On track



Opportunity for improvement



Attention required



Report Card



Goal 1

To surpass the provincial per capita waste disposal target (350kg/capita/year) and aspire to achieve a disposal rate of 125 kg/capita/year

Primary Indicators and Inputs

- Per capita waste disposal
- Waste Composition Study
- Waste Generator Study

Progress Status Definitions



On track

Community is trending towards a per capita disposal rate to be **less than 350 kg/capita** over the life of the plan.



Opportunity for improvement

Community is trending towards a per capita disposal rate of **350 kg/capita** over the life of the plan.



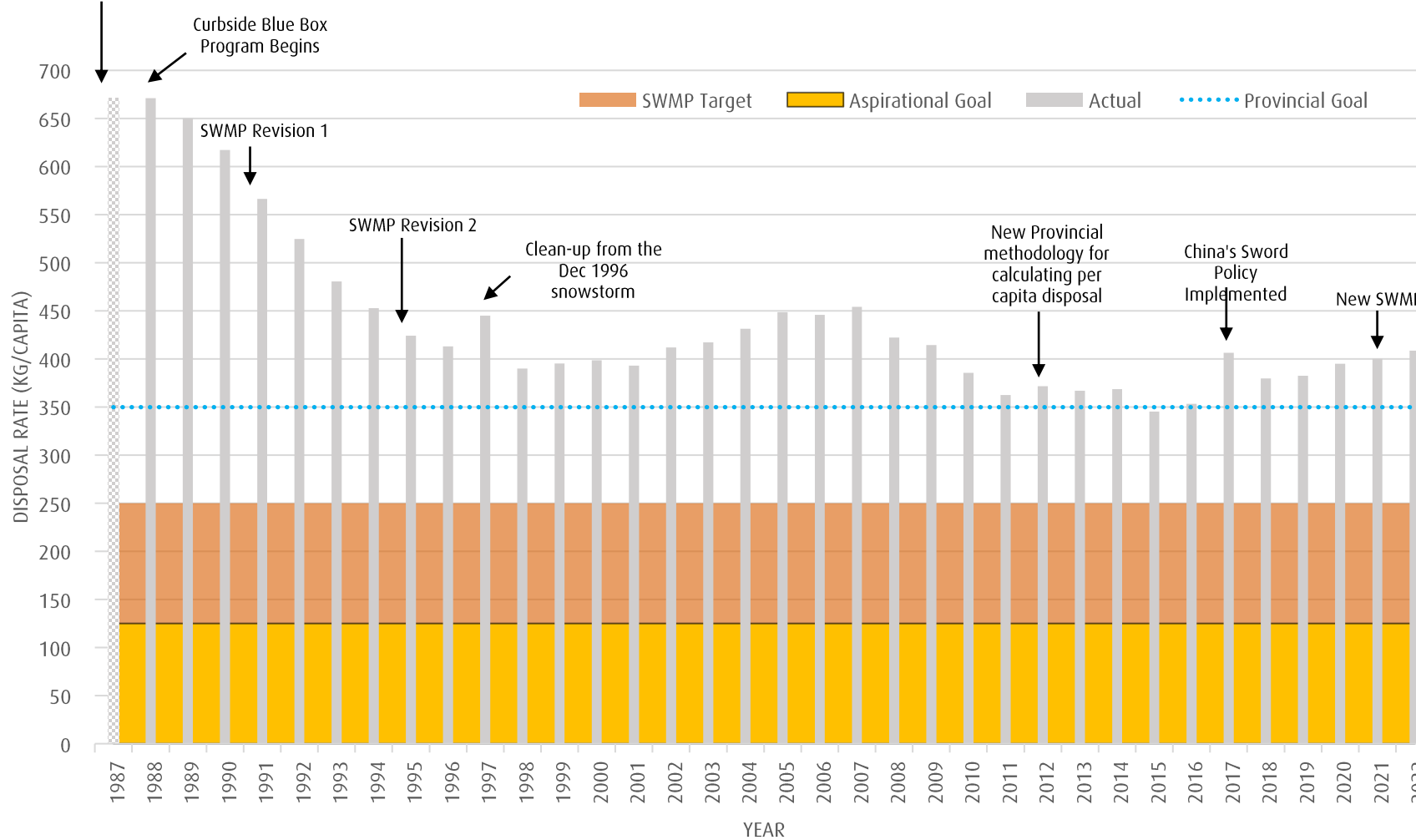
Attention required

Community is trending towards a per capita disposal rate **above 350 kg/capita** over the life of the plan.

Per Capita Disposal Target Tracking



Original Solid Waste Management Plan (SWMP)
(Per capita disposal not recorded)





Report Card



Goal 2

To extend the life of Hartland Landfill to the year 2100 and beyond.

Primary Indicators and Inputs

- Hartland Compaction Rate
- Tonnes of material landfilled
- CRD Engineering Reports

Progress Status Definitions



On track

Air space utilization is on track to extend the life of Hartland Landfill to the year **2100 and beyond**.



Opportunity for improvement

Air space utilization is only trending to extend the life of Hartland Landfill to the year **2100**.



Attention required

Air space utilization will **not extend** the life of Hartland Landfill to the year 2100.



Report Card



Goal 3

To have informed citizens that participate effectively in proper waste management practices.

Primary Indicators and Inputs

- Participation in current and new CRD Programs
- Solid Waste Awareness and Engagement Market Research

Progress Status Definitions



On track

Engagement and participation in proper waste management practices is **higher** than previous years.



Opportunity for improvement

Engagement and participation in proper waste management practices is **equivalent** to previous years.



Attention required

Engagement and participation in proper waste management practices is **less** than previous years.



Report Card



Goal 4

To ensure that the CRD's solid waste service are financially sustainable.

Primary Indicators and Inputs

- Modeling prepared by CRD Financial Services

Progress Status Definitions



On track

Solid waste service self-funding model is **financially sustainable** for the remainder of the plan.



Opportunity for improvement

Solid waste service self-funding model is **trending in the wrong direction**, adjustments may be necessary.



Attention required

Solid waste service self-funding model is trending in the wrong direction and is currently **not sustainable** for the remainder of the plan.

Next Steps

- Set aside funding in the Environmental Resource Management budget to execute the proposed studies for the life of the Solid Waste Management Plan (SWMP).
- Use the Progress Status definitions in the 2023 SWMP Progress Report





Thank you

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Capital Regional District



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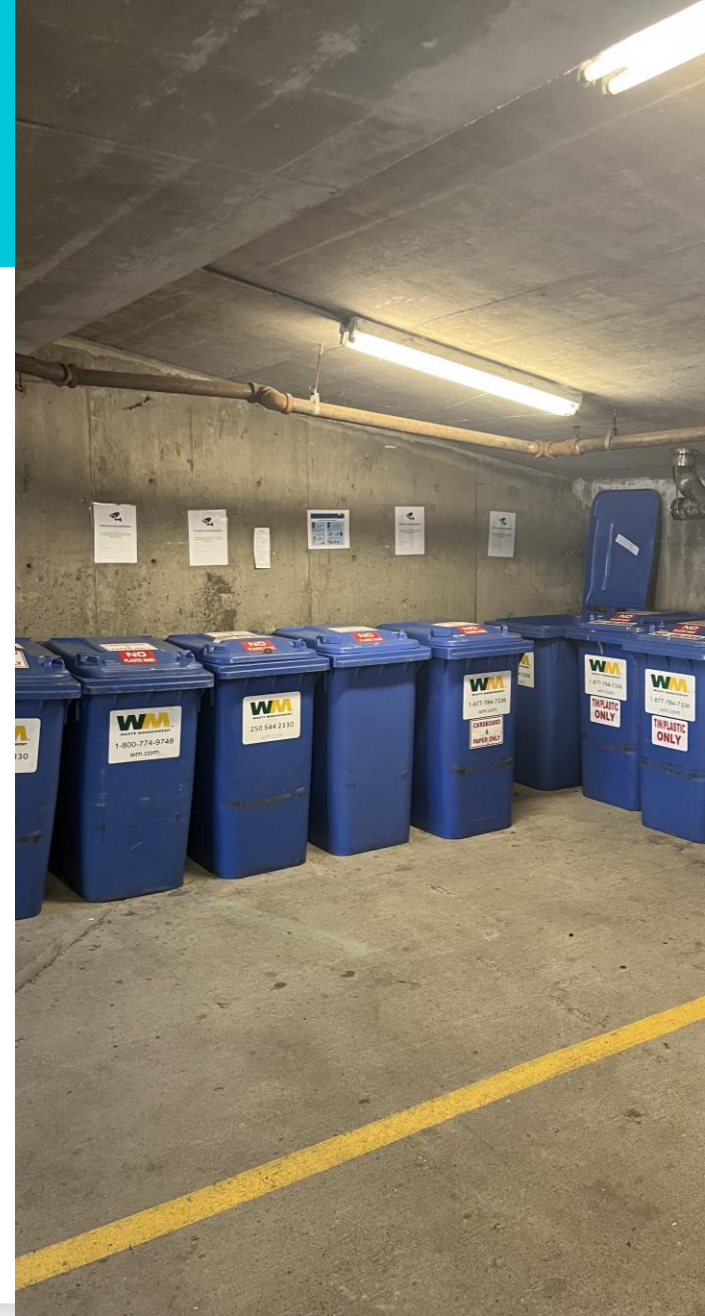


2023 Multi-Family Dwelling Waste Diversion Project

Solid Waste Advisory Committee
July 7, 2023

Overview

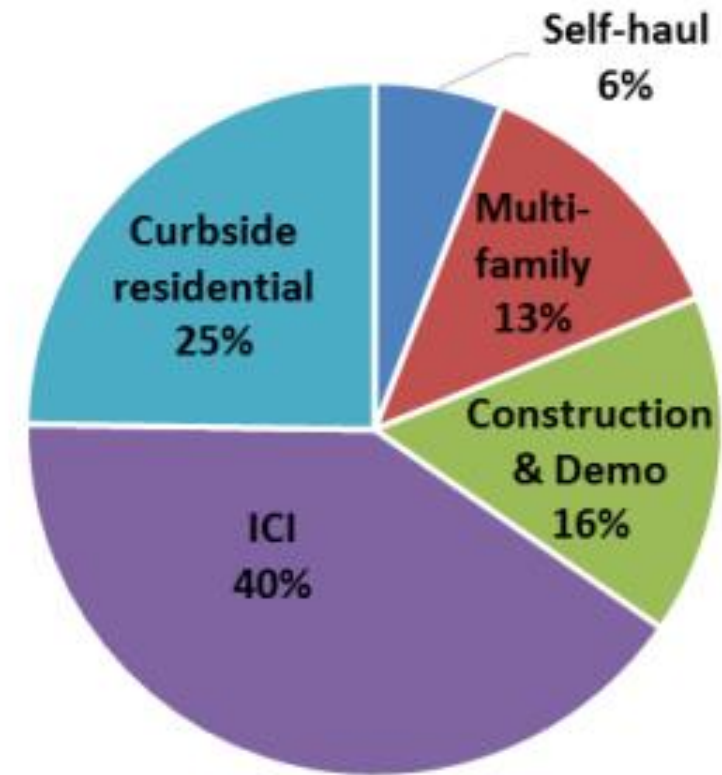
1. Project Overview
2. Progress Summary
3. Case Studies
4. Next Steps



Project Overview



- The Multi-Family Dwelling (MFD) Waste Diversion Project encompasses Strategy 8 of the Solid Waste Management Plan
- The 2022 Solid Waste Composition Study estimated MFDs contribute 13.4% of waste to Hartland Landfill
- The 2022 MFD market research project identified gaps in signs and outreach materials for MFD residents
- By introducing proper educational materials, effective signage, and support to residents of MFDs, we believe we can make an impact on this number.



Project Goals



Educate

- Create understanding of their building's recycling system
- Instill new lifelong habits in residents

Divert

- Provide resources to support diversion
- Resources encourage less contamination and more diversion

Learn

- The project builds relationships within the multi-family dwelling community
- Gather data

Expand

- Continue to support
- Use learnings to expand and adjust multi-family dwelling programming

Project Overview



Step 1 – Reach Out

Word of Mouth

Cold Calls

Recommendations



Step 2 – Visit the building

3 visits per building (initial, implement, waste audit/check in)



Step 3 – Visual Waste Audit

Material categories present

Collection containers

Contamination



Step 4 – Divert Waste and Analyze Data

Install Signs

Monitor progress

Analyze participant data for insights

Educate residents

Summary

A closer look at participating properties to date



Property	# of Units	Municipality
1. Property 1 *	132	Langford
2. Property 2 *	40	Saanich
3. Property 3 *	30	Langford
4. Property 4 *	26	Saanich
5. Property 5 *	120	Langford
6. Property 6 *	36	Victoria
7. Property 7*	8	Victoria
8. Property 8 *	50	Victoria
9. Property 9 *	43	Victoria
10. Property 10	19	Victoria
11. Property 11	35	Victoria
12. Property 12	46	Victoria
13. Property 13	66	View Royal
14. Property 14	80	Victoria
15. Property 15	46	Langford
16. Property 16	75	Victoria
17. Property 17	27	Victoria
* Denotes CRHC properties		



Case Study – Property 1



Property Summary

- Two buildings with a combined 132 units
- Each building features its own outdoor waste sorting area
- At “Property 1” there was a total of:
 - 4 organics totes
 - 4 mixed container totes
 - 2 paper and cardboard cubic yard bins
 - 2 garbage cubic yard bins

Areas of Concern

- Cross contamination
- Hazardous waste



Case Study – Property 2



Property Summary

- A mix of apartments and townhouses with a total of 40 units
- Features one small indoor waste sorting area
- At “Property 2” there was a total of:
 - 1 organic tote
 - 4 mixed container totes
 - 1 cardboard and paper cubic yard bin
 - 1 garbage cubic yard bin

Areas of Concern

- Cross contamination
- Overflow
- Infrequent pick-ups
- Improper signage



Case Study: Property 5



Property Summary

- One building with 80 units
- Features an outdoor waste sorting area
- At “Property 5” there was a total of:
 - 1 organic tote
 - 5 mixed containers totes
 - 1 paper and cardboard cubic yard bin
 - 1 garbage cubic yard bin

Areas of Concern

- Cross contamination
- Electronic waste
- Improper signage

Next Steps



Currently have 18 buildings participating, with a goal of 40-50 buildings for the summer.



Many buildings signed up through word of mouth or CRD staff. Staff will be reaching out to new buildings by contacting building managers through email and phone calls.



Installing signs, monitoring waste contamination, developing more resources.



Recording and gathering recommendation to make a foundation for future projects focusing on multi-family dwellings.

To Conclude



- We are excited to work with buildings to help inform residents and get them participating effectively in proper waste management practices!
- Our goal is to reduce contamination in bins and to reduce the amount of garbage brought to the landfill to prolong the life of the landfill to >2100.
- If you know a building that would be a good fit for this, please contact us at: rethinkwaste@crd.bc.ca.
- More information on our project can be found at: <https://www.crd.bc.ca/education/rethink-waste/apartments-and-condos>



Thank you

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