

CSWM Solid Waste Management Plan Roundtable

Where we were...

Where we are now...

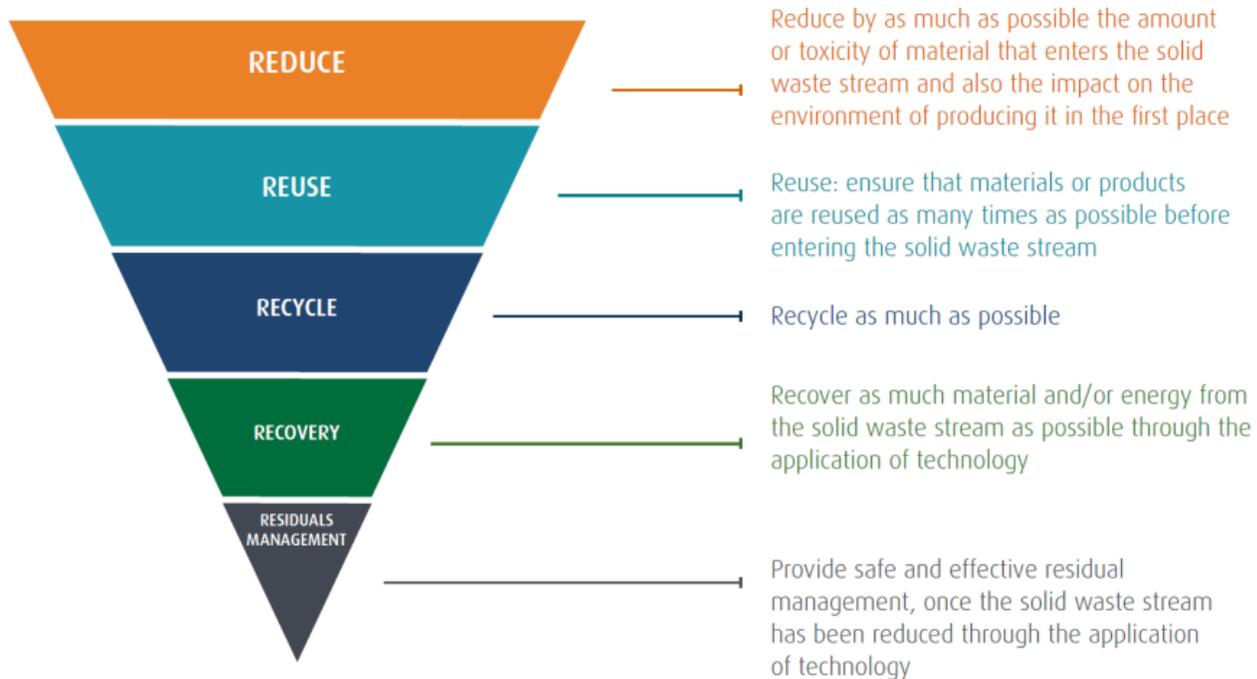
Where can we go?

September 9, 2021

Outline

- What is a Solid Waste Management Plan?
- 2012 SWMP
 - Where we were
 - Where we are now
 - What's outstanding?
- Solid Waste Management Planning in BC
 - Legislative Requirements
 - Guide to Solid Waste Management Planning
- Planning for the 2022 CSWM Solid Waste Management Plan

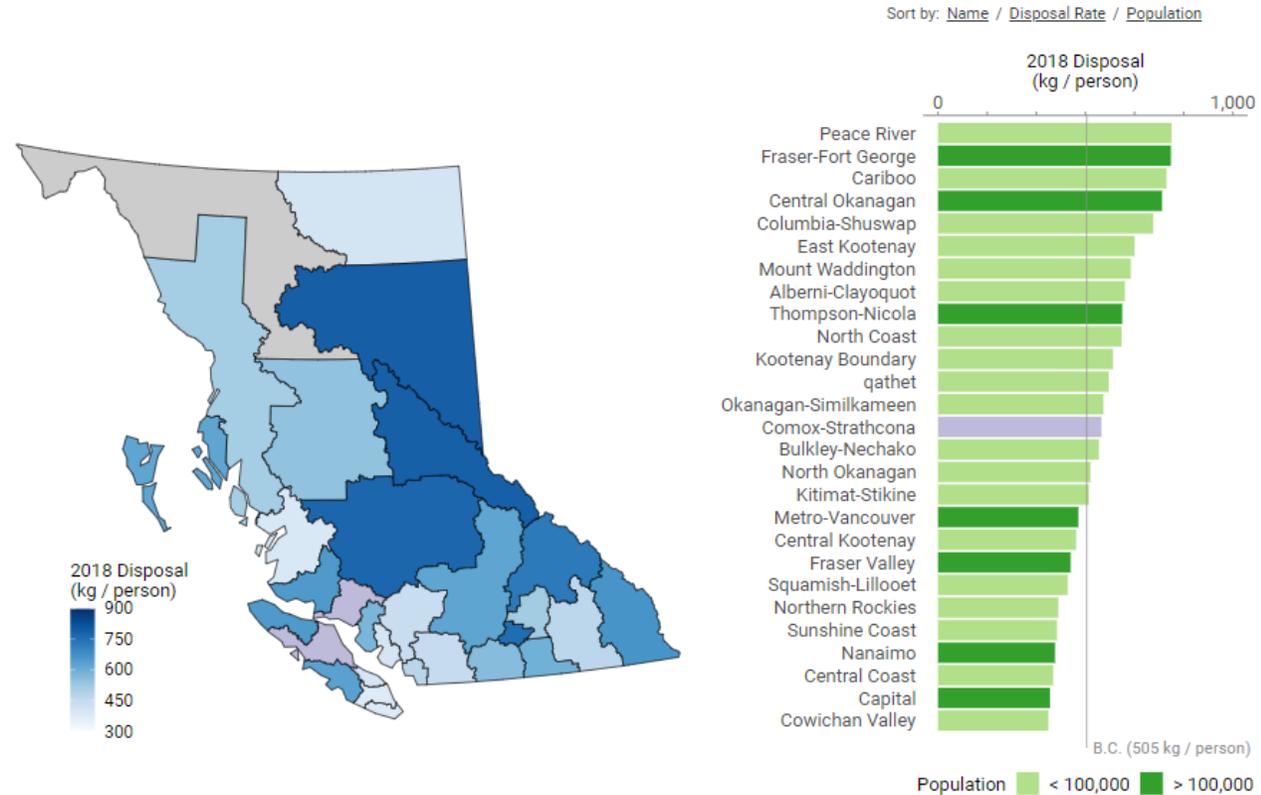
What is a Solid Waste Management Plan?



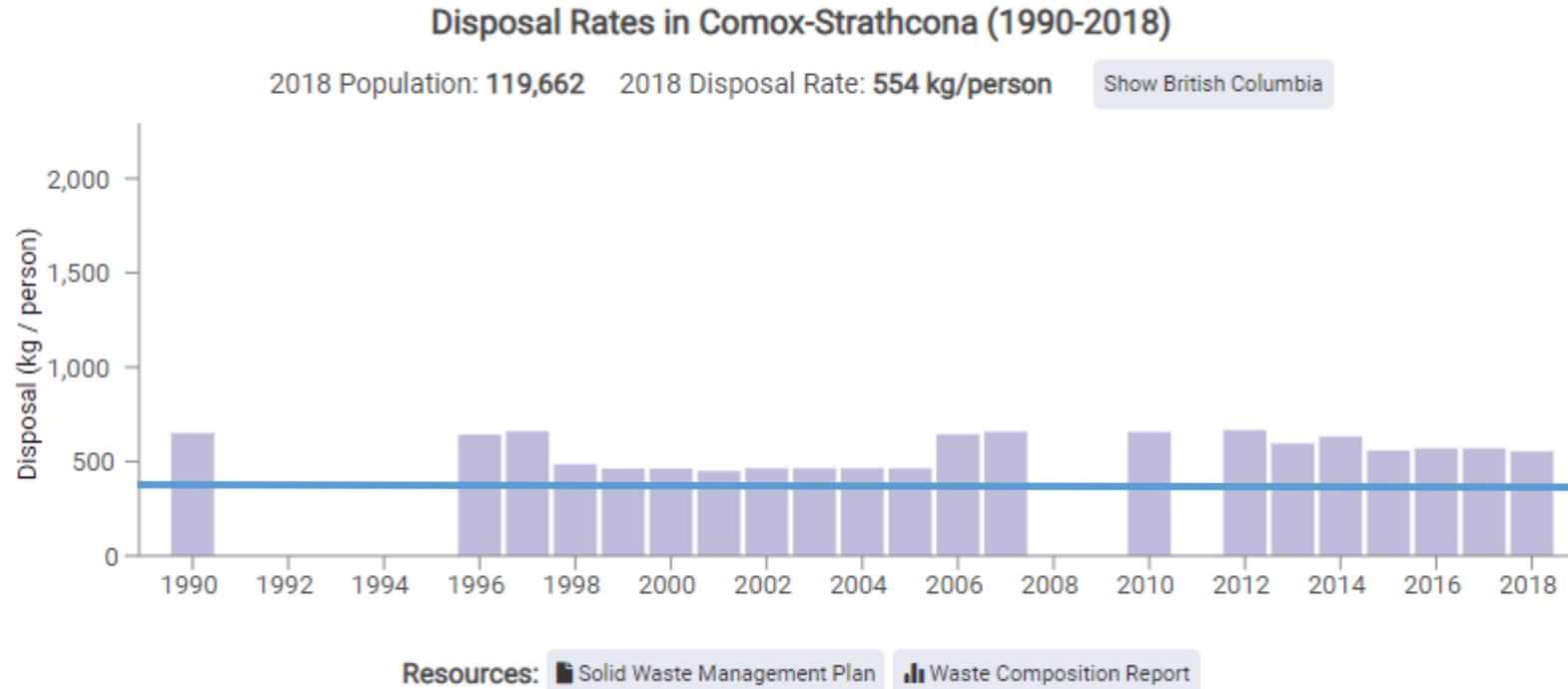
- Mandated by the Province through EMA
- Provides a long term vision of regional solid waste management system
 - Comprehensive: next 10 yrs
 - Visionary for 20 – 25 yrs
- Adopts the 5R Pollution Prevention Hierarchy
- Considers 10 year financial planning

2012 SWMP – Where We Were and Where We are Now

2018 Regional District Disposal Rates

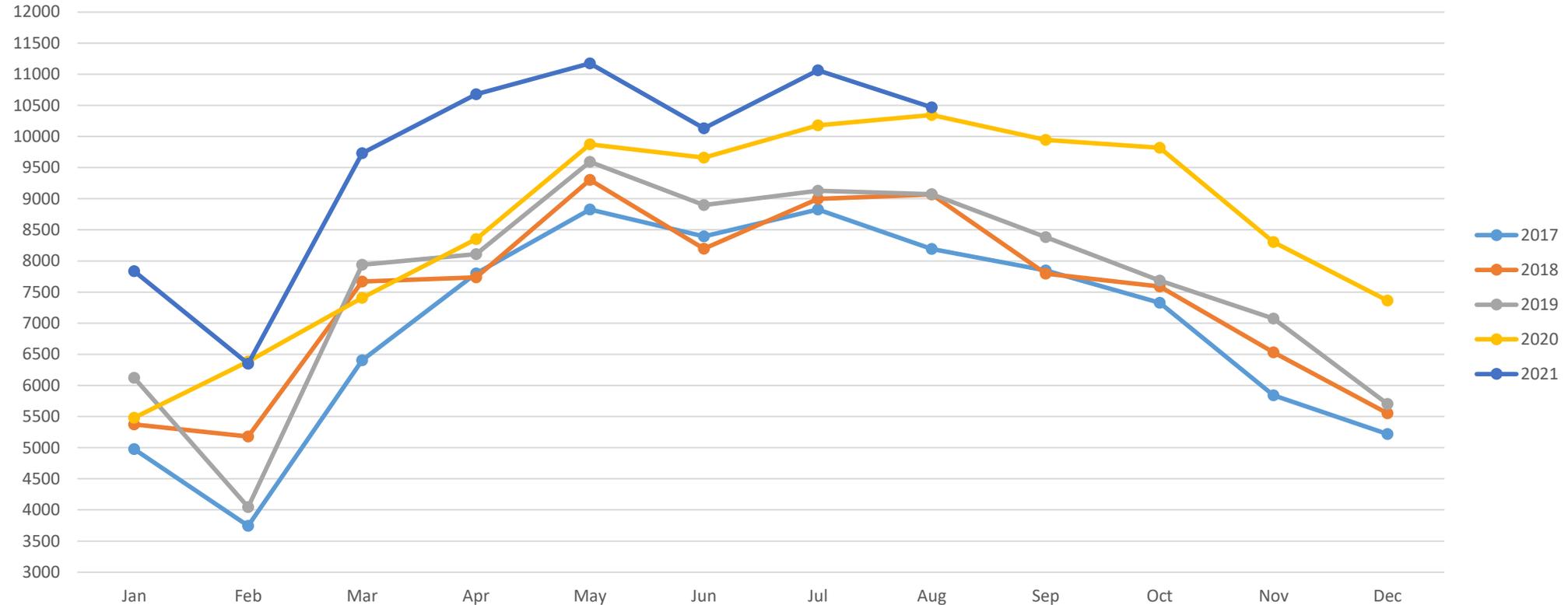


2012 SWMP – Where We Were and Where We are Now

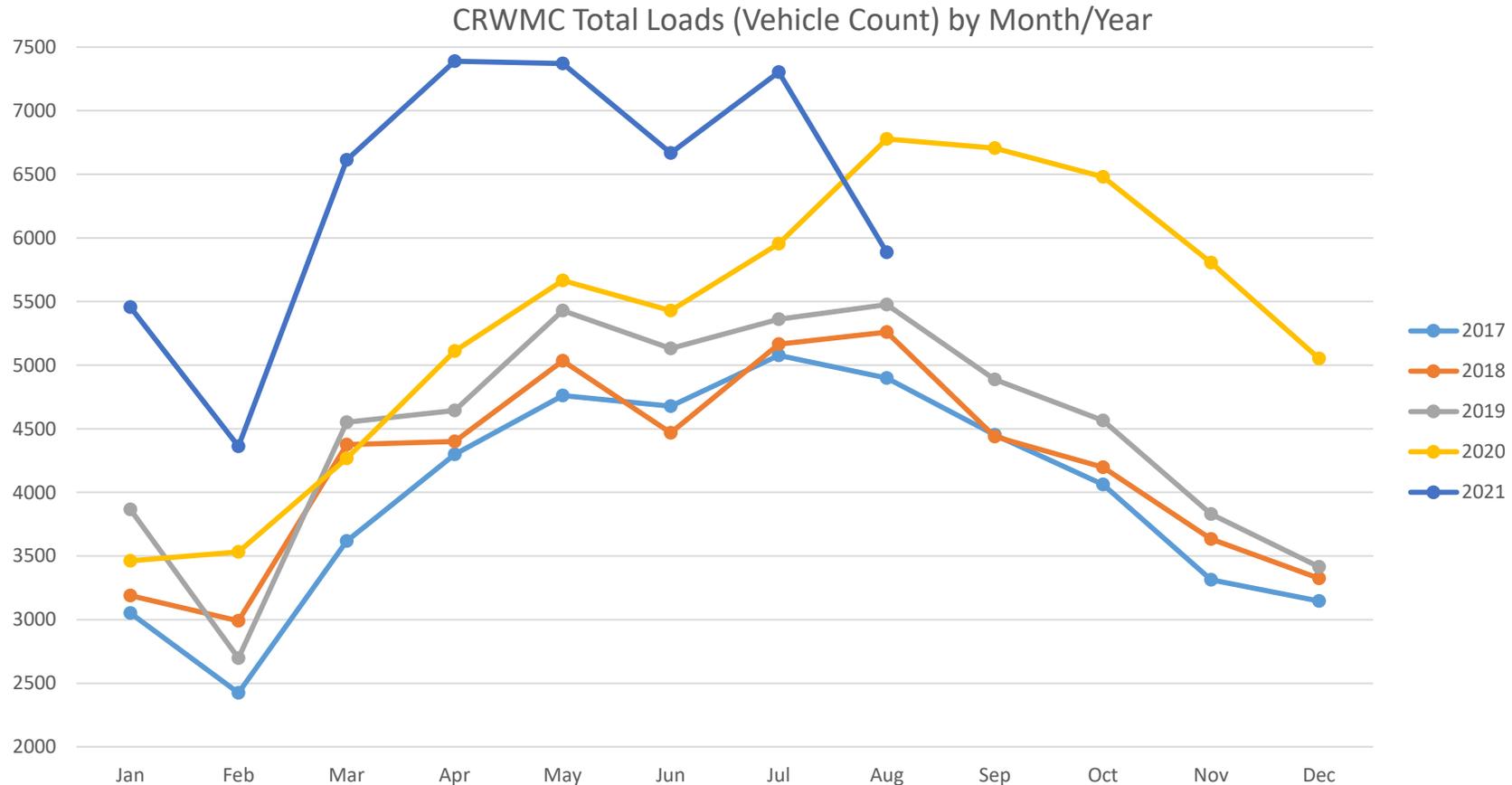


2012 SWMP – Population Growth CVWMC (Cumberland)

CVWMC Total Loads (Vehicle Count) by Month/Year



2012 SWMP – Population Growth CRWMC (Campbell River)



2012 SWMP – Key Highlights: Organics Waste Diversion

- Established organics composting pilot project for ToC & VoC
- Secured \$6.4M in grant funding for regional organics processing facility
- Issued the invitation to tender for construction of facilities (closing July 9th)
- Slated for full operation by Fall 2022



2012 SWMP – Key Highlights: Organics Waste Diversion

- Pilot composting programs in Tahsis and Cortez
- Love Food Hate Waste program



5 ways to reduce your carbon FOOTPRINT

- 1 only buy what you need**
20-50% of everything we buy ends up in landfill
- 2 eat less meat and dairy**
70% of the world's footprint is from animal products
- 3 eat less processed food**
the more processed a food is, the bigger its footprint
- 4 buy local and in season**
these foods have travelled less and stored less
- 5 grow your own food**
the ultimate in local, seasonal, unprocessed food

for more information visit:
ethicalnutrition.wordpress.com

2012 SWMP – Key Highlights: Recycling Depots

Facility
Comox Valley Waste Management Center
Campbell River Waste Management Center
Hornby Island Depot
Denman Island Depot
Cortes Island Depot
Gold River Depot
Sayward Depot
Tahsis Depot
Zeballos Depot
Quadra Island Depot ** pending Board approval



2012 SWMP – Key Highlights: Illegal Dumping

- More than 140,000 kg of waste removed
- Improved public education campaigns
- Illegal dumping bylaw enforcement
- Tip fee waiver program



Illegal dumping sucks.

If you see an illegal dump site, report it.

2012 SWMP – Key Highlights: Education and Promotion

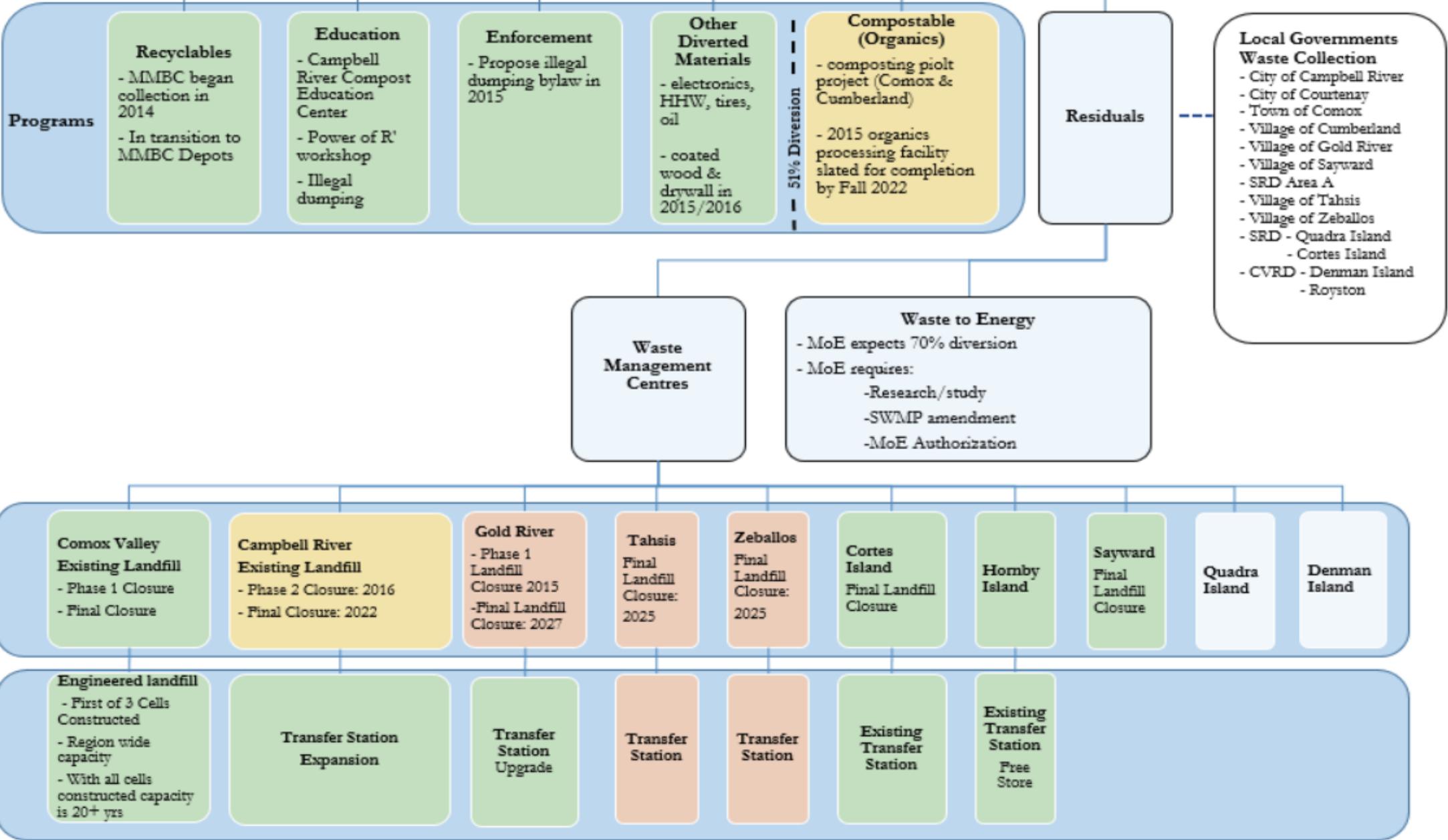
- Solid waste school programs and presentations
- Curriculum-linked resources for educators
- Compost education
- Community clean up events



2012 SWMP – Key Highlights: Residual Waste Management

Facility	Status	Notes
CVWMC – old landfill	COMPLETE	Capped, LFG collection installed
CVWMC – engineered landfill	Cell 1 ACTIVE, Cell 2 DESIGN IN PROGRESS	Double lined, LFG & leachate mgnt
CRWMC	IN PROGRESS	Design underway
Cortes Island	COMPLETE	
Sayward	COMPLETE	
Gold River	CLOSURE SLATED FOR 2027	Inert material only
Tahsis	CLOSURE SLATED FOR 2025	
Zeballos	CLOSURE SLATED FOR 2025	
Regional Transfer Stations	PENDING	
Waste to Energy Studies	ONGOING	

**Implementation
2013-2023**



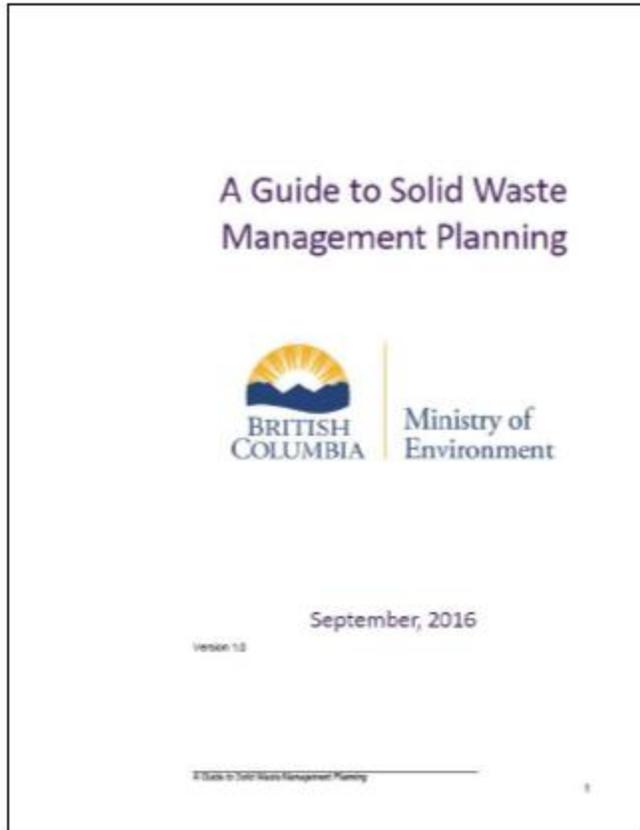
2012 SWMP – What’s Outstanding

Multifamily and ICI recycling



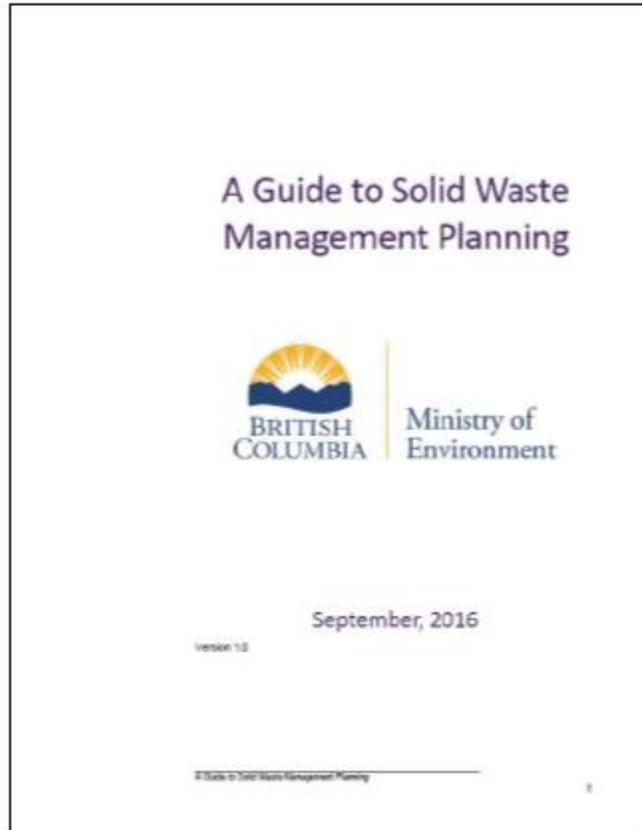
Construction and demolition waste

2022 SWMP Update – Guideline



- Set ministry expectation for the SWMP
 - 8 guiding principals for solid waste management
 1. Promote zero waste approaches and support a circular economy
 2. Promote the first 3Rs (reduce, reuse and recycle)
 3. Maximize beneficial use of waste materials and manage residuals appropriately
 4. Support polluter and user pay approaches and manage incentives to maximize behavior outcomes
 5. Prevent organics and recyclables from going into the garbage wherever practical
 6. Collaborate with other regional districts wherever practical
 7. Develop collaborate partnerships with interested parties to achieve regional targets set in plans
 8. Level the playing field within regions for private and public solid waste management facilities

2022 SWMP Update – Guideline



- Set ministry expectation for the SWMP
 - Performance targets for waste reduction
 1. 350 kg/person/yr disposal rate
 2. 80% of BC's population covered by organics waste disposal restrictions

2022 SWMP Update – Key Updates

- Long term planning
- 5 year effectiveness review
- Renewal of SWMP every 10 years to stay current
- Amendment process for incorporating changes as necessary
- Emphasis for collaboration with stakeholders and EPR programs
- Flexibility to meet Ministry's expected outcomes



2022 SWMP Update – The Planning Process



2022 SWMP Update – The Planning Process

Step 1: Initiate the Planning Process	
Initiate the plan update	<ul style="list-style-type: none">▪ Regional district Board resolution to initiate the planning process▪ Identify the plan area▪ Identify scope of work▪ Notify interested parties and the ministry
Establish planning team and committees	<ul style="list-style-type: none">▪ Establish the planning team▪ Establish advisory committee(s)
Design consultation plan	<ul style="list-style-type: none">▪ Design the consultation process▪ Public advisory committee provides input into the design of the public consultation process▪ Ensure public consultation requirements will be addressed
Develop the budget	<ul style="list-style-type: none">▪ Develop budget for planning process

2022 SWMP Update – New Goals and Strategies

- Example

	Short Term Goals (3 years)	Medium Term Goals (5 years)	Long Term Goals (10 years)
Targeted Sectors/Materials	C&D waste	Recycling for multifamily and ICI buildings	Refine programs to increase performance
	Organics from single family dwellings from municipalities	Organics for multifamily and ICI buildings	Implement new EPR programs as they are introduced
	Continue to work towards closure of legacy landfills	Continue to work towards closure of legacy landfills	