Comox Strathcona Waste Management

Minutes

REGIONAL SOLID WASTE ADVISORY COMMITTEE

Minutes from the meeting held on April 13, 2023 at the Comox Valley Regional District, located at 770 Harmston Avenue, Courtenay, commencing at 11:05 am

PRESENT:

Co-Chair Cole-Hamilton	Co-Chair, RSWAC
M. Walling	Campbell River
D. Baar	Campbell River
D. Birtch	Campbell River
S. Rankmore	Courtenay
J. Ellis	Courtenay
J. Best	Courtenay
W. Semmelink	Comox
K. Stubblefield	CVRD Area C
R. Telegus	Denman Island
K. Lukinuk	Hornby Island
M. Stewart	SRD Area D
R. Armstrong, Manager of Utilities	City of Courtenay
C. Perry, Manager of Public Works	Town of Comox
R. Crisfield, Manager of Operations	Village of Cumberland
M. Tatchell, Chief Administrative Officer	Village of Tahsis
A. Milwid	Strathcona Regional District
S. Fisher, Engineering Services Coordinator	Strathcona Regional District
M. Rutten, General Manager of Engineering Services	CVRD
V. Schau, Senior Manager of CSWM Services	CVRD
S. Willie, Manager of Solid Waste Planning & Policy Development	CVRD
K. Douville, Manager of Financial Planning	CVRD
K. Morro, Branch Assistant, Engineering Services	CVRD

ITEMS:

Review of Agenda and Minutes

The committee reviewed the agenda and the minutes of the March 16, 2023 of the Regional Solid Waste Advisory Committee (RSWAC) meeting, an incorrect reference to a tour was noted prior to the meeting and M. Tatchell was in attendance on March 16, both of which have been reflected in the minutes.

Adopted: M. Tatchell
Seconded: R. Armstrong

All in favour.

Introductions

Roundtable Introductions

V. Schau provided an overview of the meeting which will be centered around establishing the Solid Waste Management Plan (SWMP) guiding principles and goals, improve overall knowledge of the

British Columbia Extended Producer Responsibility (EPR) programs, and an overview of all the facilities within the Comox Strathcona Waste Management (CSWM) service area.

Advisory comments:
None

Extended Producer Responsibility
S. Willie – During the facility tour on March 2, the concept of EPRs came up on a number of occasions. Funding for EPR programs comes from point of sale, which is included in the fees and reflected in receipts. However, after evaluating the costs of processing the materials, it was realized that the program does not fully cover all costs. One of the challenges faced is the logistical difficulties of accessing remote communities, such as the islands or north island locations, where transportation is mainly by ferries and forestry haul roads. Efforts are being made to reach out to these programs and obtain their input on the community needs as part of the SWMP process.

The EPR programs are not government-run, but rather funded by producers such as manufacturers, distributors, and retailers. These programs aim to reduce transportation costs, minimize the environmental risks and greenhouse gas emissions associated with products and their waste. The province will designate a new product category and group together similar products or those from the same manufacturer. Manufacturers will form a non-profit to develop a plan for EPR and show how they will address the new regulations, guided by the pollution hierarchy. Most mature EPR programs are striving to hit the 75 per cent target. Some programs still fail to meet this target while others exceed it, like refundable programs.

There is a gap in engaging residents or users in these programs, as most of the consultations occur within the government, other manufacturers, and professionals. Although EPR in BC is leading in many ways, challenges remain, especially with remote locations. The plan does not include specific locations of where materials will be collected and operational contractual details such as frequency of pick-ups, its lacking conversations on specific needs. For example, some items need more frequent pick-up to keep up with demand. A challenge is there isn't competition for these programs so unfortunately stuck sometimes with what is being offered and no room for negotiations.

To reduce consumer confusion, frequent communication with residents on what and where materials can be recycled is necessary as navigating the different programs is not easy. Unfortunately, the more confusing the EPR programs are, the less inclined people will be to participate. While consolidation of programs is happening, more is needed.

While the rational for not having more consolidation is complex, we can surmise it boils down to the fact that when programs consolidate, there is equal representation of board members for each program which limits their control. When each program has its own separate system, there is more control around fees with retailers.

There is work at the provincial level to expand EPR programs. The 5-year action plan aims to add mattresses, expand the Household Hazardous Waste (HHW) program to include more products such as pool chemicals, hybrid electric batteries, and propane tanks. There are also plans to address single-use items and expand packaging products. After this five-year period, broader products and those from the Industrial, Commercial, and Institutional sectors will be captured in the plan.

EPR programs are well-established in Europe and Australia, and their success is inspiring growth in the USA and other countries.

What's left to achieve?

- Packaging from industry, commercial and institutional sources
- Solar panels (Washington State)
- Textiles (France, introduced in California, EU Commission developing Harmonized EPR rules for textiles, revision of the EU Waste Framework Directive.)
- Carpet (California, New York)
- Construction, renovation, demolition materials (France)
- Furniture, boats, fishing gear, cigarette butts, gum (France)

In comparison to other provinces and the US, British Columbia has made notable progress in its EPR programs. Since their inception, these programs have successfully collected over 4.5 million tonnes of products and packaging, which amounts to 900 kilograms per British Columbian. Unlike other jurisdictions, we are not encumbered by the need to generate revenue, enabling us to prioritize effective and sustainable waste management practices.

Advisory comments:

What products would you like to see on this list?

- Shipping packaging. Opportunity for re-using shipping packaging would be nice to see more available for reusing materials. See disposable diapers added to the program.
- Styrofoam, why can't or producers do not make the edible peanut size ones in the bigger packaging. Styrofoam in incredibly cheap to make so until somebody says you cannot produce this material companies will continue to use this.

What is the timing or more insight on mattress program?

- This is hopefully going into regulation this year and then ideally implementation and operation of the mattress program in 2025.

Given that it is typically the producers responsibility and organizations that operate the program but CSWM plays a critical role in many of them What level of detail if any the SWMP could or should speak to these EPR programs? Would it commit the region to participation in a certain number of ones or what the advocacy position should be?

- The thought was to try to turn it on its head, and to ask the EPR programs to participate in our SWMP consultation process to commit them to accessibility or event standards, but the Ministry did not agree this was possible. The intention is still to determine what level of accessibility we want for our region, that we can afford, and to document that within the SWMP and go from there.

How often is the 5-year action plan update?

- Every 5 – 10 years, sometimes more.

Finalizing Guiding Principles and Goals

V. Schau presented the proposed principles and goals, which were compiled taking into account the group feedback and discussion from the March 16 RSWAC meeting.

Guiding Principles

1. Edit to "Promote and support zero waste approaches and support a circular economy in urban and rural areas"
   All if favour.

2. Edit to "Promote the first 7 Rs (Refuse, Rethink, Redesign, Reduce, Reuse, Repair and Recycle)"
    - Reflected on the logic of the order of R's. The committee agreed to adjust from the 3 R's to the 7 R's. Since there are more than 7 R's, also agreed to keep the "first" in principle #2. Upcycle falls under reuse or redesign.

   All in favour.

3. Edit to "Maximize the most beneficial use of waste materials and manage residuals appropriately"
   All in favour

4. "Support polluter and user-pay approaches and manage incentives to maximize behaviour outcomes"
   All in favour

5. Edit to "Prevent organics and recyclables from going into the garbage"

6. Edit to "Collaborate with other regional districts, municipalities, First Nations, services providers, institutions and associations both private and public"
    - Adjust rational specifically word Stakeholders.

   All in Favour

7. Edit to "Build and support collaborative partnerships to achieve regional targets set in plans"
    - Adjust rational to reflect change

   All in favour

8. Edit to "Strive for equity within regions for private and public solid waste management facilities to achieve or exceed regional targets set in plans"
   All in favour

Goals:

1. "To support regional circular economy approaches, and to work towards a goal of zero waste."
   All in favour
2. Edit into two parts:
    a. "To reduce and remediate environmental impacts from solid waste management activities"
    b. "To reduce greenhouse gas emissions and to pursue beneficial use of landfill gas"

   All in favour

3. Edit to "To responsibly manage waste, and to minimize the amount of residual waste in landfills"
   All in favour

4. Edit to "To have informed residents, businesses and community partners empowered to participate effectively and consistently in proper waste management practices. To use CSWM enforcement powers when necessary."
   All in favour

5. To ensure that the CSWM solid waste service are financially sustainable and delivered equitably across the region, recognizing and leveraging the unique challenges and cultures of our rural and remote communities.
   All in favour

Diving into Facilities, Programs and Services

J. Lee presented on the CSWM facilities, programs and services:
The Oyster River depot is the CSWM one of two remaining unstaffed depot. Unstaffed depots are not ideal given the operational costs and how much illegal material gets left and dumped.

The unstaffed Quadra Island depot, currently managed by the CSWM, is transitioning to a Recycle BC depot. A contractor manages the premises and address the public's queries. Negotiations are nearing completion to finalize the lease agreement that will enable the depot's upgrade to a Recycle BC depot, thereby allowing for expanded item collection. For those seeking curbside garbage pickup, private haulers offer subscription services to both residents and businesses. There is currently no disposal of garbage on the island, though self-haul to the CRWMC is available.

RSWAC member inquired if having a Recycle BC Depot on Quadra will reduce the costs of operating this depot now. J. Lee explained that it may decrease slightly but there will be costs associated with the staffing which will negate most of the cost savings.

The Village of Sayward has a Recycle BC depot which is operated by a part time contractor, this depot accepts the standard Recycle BC items, as well as motor oil. SRD in conjunction with the Village provides some municipal services to Sayward, not curbside collection. Weekly curbside garbage collection from single family homes in the Village and Valley, single contract managed by SRD. Typical cost is $264.04 per household. CSWM hosts clean up events for this area.

The Village of Tahsis has a Recycle BC depot staffed by Village staff and a landfill that is owned by CSWM and operated by Village of Tahsis under contract with CSWM. The recycling depot accepts standard Recycle BC materials, motor oil, and electronics as well as a free store and a community food waste composter secured in a seacan. Weekly curbside garbage collection from single and multi-family households, dumpsters provided to businesses, and serviced by the Village.

The Village of Zeballos has a Recycle BC depot staffed by Village staff under an agreement and a landfill that is owned by CSWM and operated by Village of Zeballos under contract with CSWM. Recycling Depot accepts standard Recycle BC materials, with possibility for inclusion for electronics and small appliances. Depot is co-located with a community garden and is fully fenced. Motor oil accepted in Ehatis and the Village provides free dumping at the landfill in May, CSWM supports diversion of additional materials through this time and sometimes a community event. There is no curbside garbage collection, Village staff collect garbage from bear proof bins strategically located around Zeballos, as well as the First Nations communities, for residents and businesses to use. The Village collects utility fees from residents and businesses for use of the bins; $85 for a household.

The Village of Gold River has a Recycling BC depot staffed by a full time Village employee and a waste transfer station at the public works yard. The recycling depot accepts standard Recycle BC materials, electronics, small appliances, light bulbs, used oil and many more materials. The landfill is owned and operated by CSWM, is not open to the public and does not accept Municipal Solid Waste. Curbside collection is done by Village staff, residents can put out two cans weekly, includes households from Mowachaht-Muchalaht First Nation and cost is approximately $275.55 per year. The also collect garbage from businesses, can select different sized containers and frequency of pick up, bins are

emptied by Village staff and brought to the landfill. The Village collects utility fees from residents and businesses for use of the bins; $85 for a household

Kyuquot Walters Island – SRD Service: Waste is collected from the defined portion of Kyuquot-Nootka in Electoral Area A, Walters Island and surrounding area. Waste is brought by boat to Gold River and hauled to the transfer station and transportation is under the unified transportation model. Tipping fees are funded by tax requisition.

Finances
S. Willie gave a description of how the CSWM services finances work, the breakdown and numbers are highlighted in the attached presentation. Complimentary local services being Hornby Island, Denman Island, Royston curbside collection, Sayward Valley curbside collection and community clean-up, Cortes Island waste management centre and roadside collection and Kyuquot/Nootka solid waste disposal.

Reminder of the Existing System Study
To be continued at the May meeting.

Advisory comments:
M. Tatchell – Provided historical context for smaller communities. There was a period of time when these communities had much more revenue and contributed more for services compared to present day where the CSWM service contributes more financially to support these services in the smaller communities.

Next Steps
Next meeting on May 11, 2023 will be via Zoom

GENERAL:
The next Regional Solid Waste Advisory Committee meeting will be on May 11, 2023 at 1:00pm.

TERMINATION:
The meeting terminated at 3:46 pm.

Recorded by:	Certified correct:
K. Morro	***V. Schau***
Kristy Morro Branch Assistant – Engineering Services	Vivian Schau Senior Manager of CSWM Services

Regional Solid Waste Advisory Committee Meeting

SWMP Renewal Meeting #3

April 13, 2023

Hybrid – Zoom and CVRD Civic Room, 770 Harmston Ave

11 am to 4 pm



Comox Strathcona Waste Management

Welcome, and Housekeeping

- Parking
- Emergency exits and muster point
- Washrooms

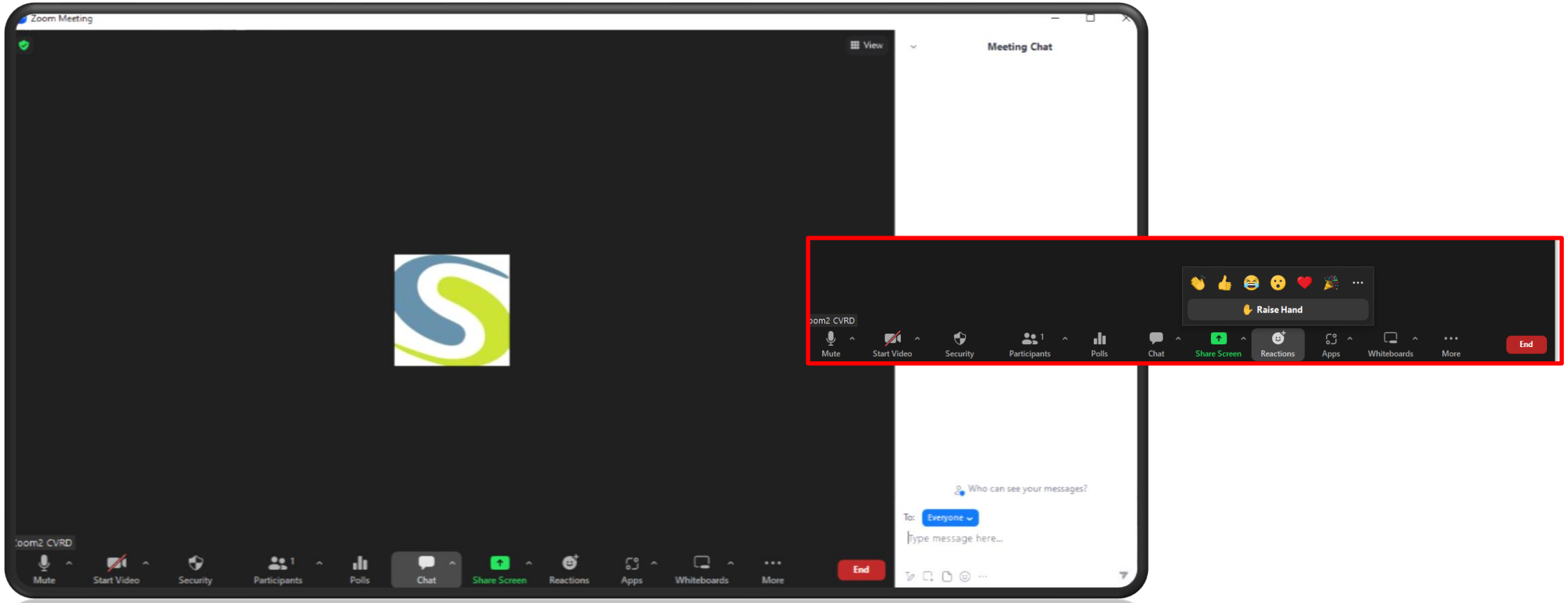




Microphones and Questions

- Questions can be asked anytime throughout the meeting today.
- Raise your physical hand, or virtual hand if online
- Members participating online need us to use the microphones
- Requires patience, press the button to activate the microphone
- Red light means GO, green light means WAIT

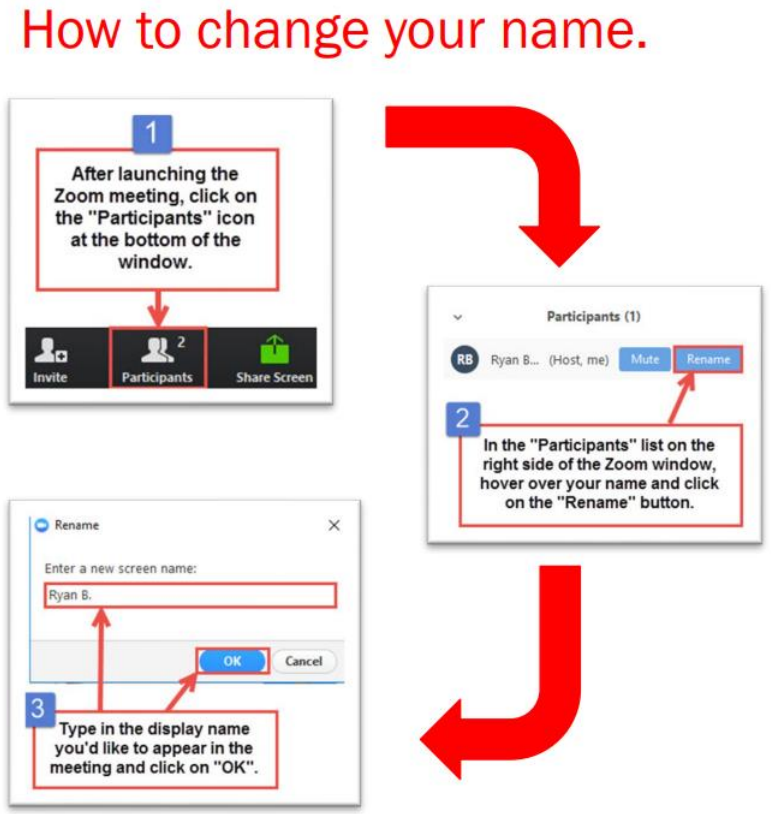
Zoom Meeting Tools



Comox Strathcona Waste Management

Recording for Minutes

- We are recording this meeting for note taking purposes.
- The recording will not be distributed or published.
- To ensure those participating are meant to be with us, please ensure your name is visible and use your camera if you can.



Comox Strathcona Waste Management

Review of Agenda

Co-Chair Cole-Hamilton (Zoom)

10 minutes

RSWAC Meeting 3.1

Comox Strathcona Waste Management

Land Acknowledgement

We would like to acknowledge we are hosting this meeting on the traditional unceded territory of the K'ómoks First Nation, and the Comox Strathcona Waste Management service area is located in the Coast Salish, Kwakwaka'wakw, and Nuu-chah-nulth territories.



Comox Strathcona Waste Management

Adoption of Agenda

Approval of Minutes

- Any modifications to minutes?
- One change noted

Agenda for Today

- Take a quick look at the agenda, is anything missing?

Parking Lot

Issues or questions that come up as we go along can be placed in the 'parking lot' for discussion at the end, or future meetings.



Meeting Purpose

Vivian Schau

5 minutes

RSWAC Meeting 3.2

Comox Strathcona Waste Management

Purpose of the Meeting

- Establish the Guiding Principles and Goals
- Improve overall knowledge of CSWM Service and EPR
- Learn in detail about the unique programs, facilities and communities in the CSWM



Comox Strathcona Waste Management

Acronyms, a Bureaucrats Best Friend

CSWM – Comox Strathcona Waste Management
SWMP – Solid Waste Management Plan
RSWAC – Regional Solid Waste Advisory Committee
SRD – Strathcona Regional District
CVRD – Comox Valley Regional District
ENV – Ministry of Environment and Climate Change Strategy
MSW – Municipal Solid Waste
CRD – Construction, Renovation and Demolition Waste
EPR – Extended Producer Responsibility
ICI – Industrial, Commercial, and Institutional Waste
LFG – Landfill Gas

Unpacking Extended Producer Responsibility

Sarah Willie

45 minutes

RSWAC Meeting 3.

Comox Strathcona Waste Management

Extended Producer Responsibility (EPR) Programs

- No fee to resident for items in EPR programs at end of life; funded at time of sale
- CSWM is reimbursed for effort to accept, sort and store program materials – not full cost recovery
- Most EPR programs cover transportation and processing costs
- Where and how materials are accepted is determined by the EPR program, not CSWM
- Significant policy efforts made to improve programs by local governments, bar is set by Province



Objective of EPR in BC

- Industry-led product stewardship programs
- Funded by producers (manufactures, distributors and retailers)
- Responsible for collection and recycling
- Reduces burden on the general taxpayer and local government
- Seeks to reduce the toxicity and environmental risks from products and product waste, and reduce the associated greenhouse gas emissions



The Mechanics of EPR



- Province designates a new product category, or amends an existing category
- Producers can find a producer responsibility organization (PRO), usually a non-profit, and must submit an EPR plan
- To be approved the EPR plan must include:
  - reasonable and free consumer access to collection facilities or services
  - collecting and paying the costs of collecting and managing products
  - eliminating or reducing the environmental impacts of a product throughout the product's life cycle
  - managing the product in adherence to the pollution prevention hierarchy

The Mechanics of EPR



- PRO's must consult on their plans before they submit them, as well as on any renewal or amendment.
- Not a government body
- Consultation can, but rarely does, lead to change
- Submit an annual report to the Minister which includes audited financial statements and third party audits of amount collected and destination

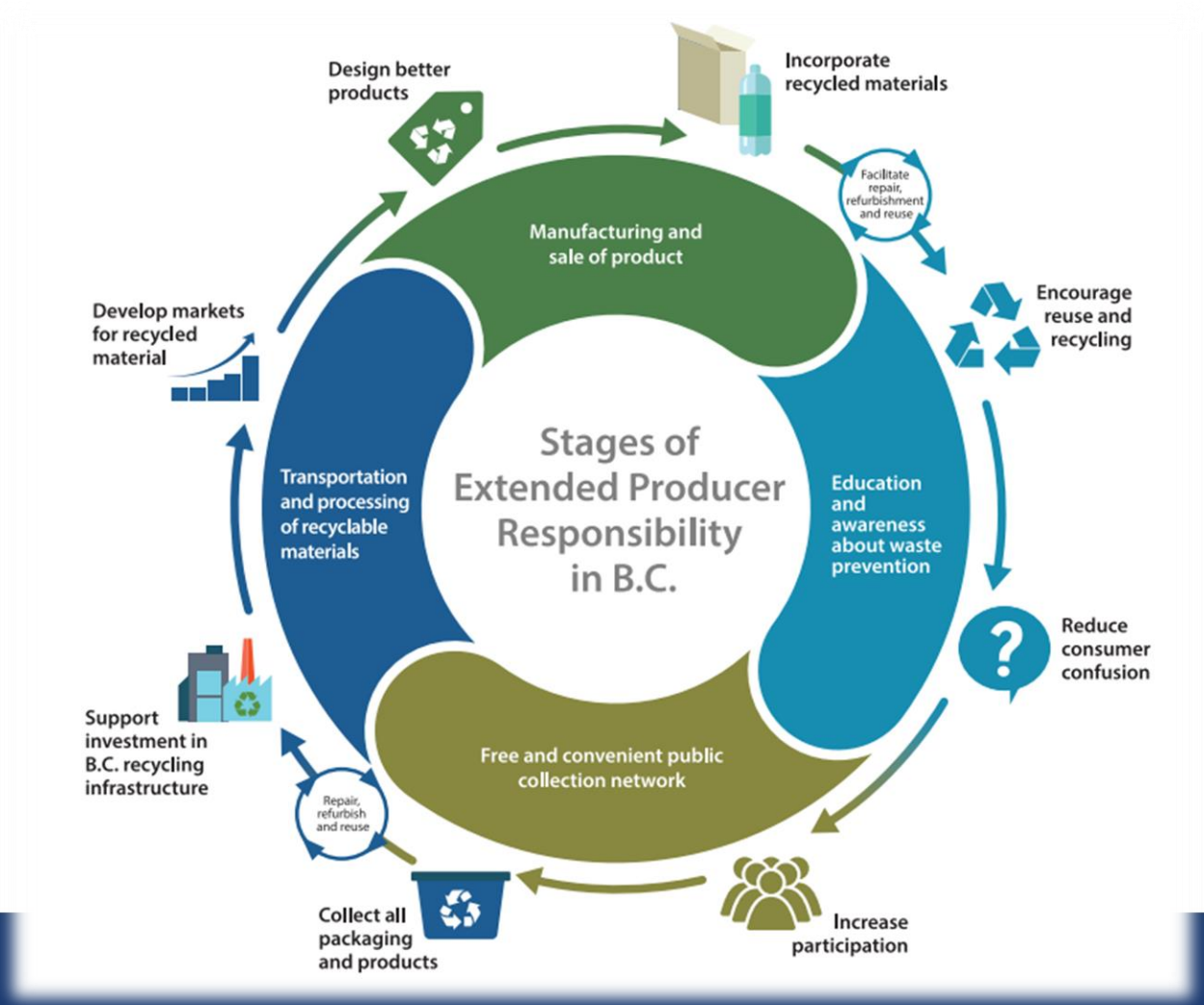
The Mechanics of EPR

The plan does not include:

- Specific locations of where materials will be accepted
- Any operational contractual details such as frequency of pick-up, storage requirements, space requirements or compensation to collectors
- A commitment to education or advertising spending

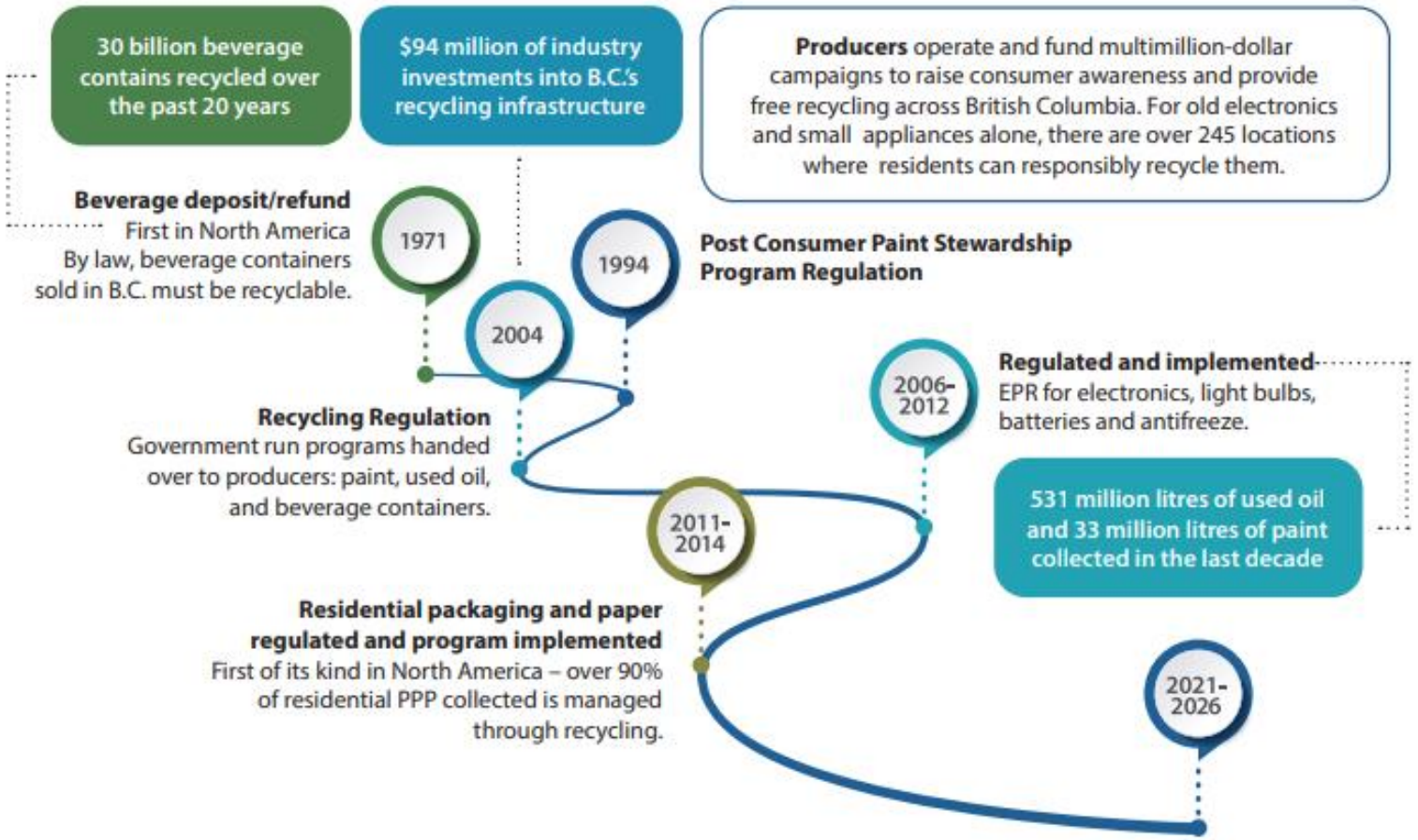


EPR in BC



- Market influence and population:
  - BC is 5 million
  - Canada is 38 million (BC is 13%)
  - California 39 million
  - Canada and USA 370 million (BC is 1%)

History of Recycling in BC



Comox Strathcona Waste Management

Reduces Consumer Confusion?

ELECTRIC OUTDOOR POWER EQUIPMENT (EOPE)

OPEI Outdoor Power Equipment Institute Canada

MEDICATIONS

MEDICATIONS RETURN PROGRAM

PACKAGING + PAPER

RECYCLEBC

BEVERAGE CONTAINERS

Return-It It's Worth It.

CELL PHONES

recyclemycell.ca

USED OIL + ANTIFREEZE

BC Used Oil Management Association

BATTERIES

call2recycle

SMALL APPLIANCES + POWER TOOLS

ElectroRecycle

ELECTRONICS

Return-It Electronics | EPRA

BEER CONTAINERS & PACKAGING

BRCCC

THERMOSTATS

TRP

TIRES

TIRE Stewardship BC *New value from old tires*

MAJOR APPLIANCES

Return-It Large Appliances | MARR

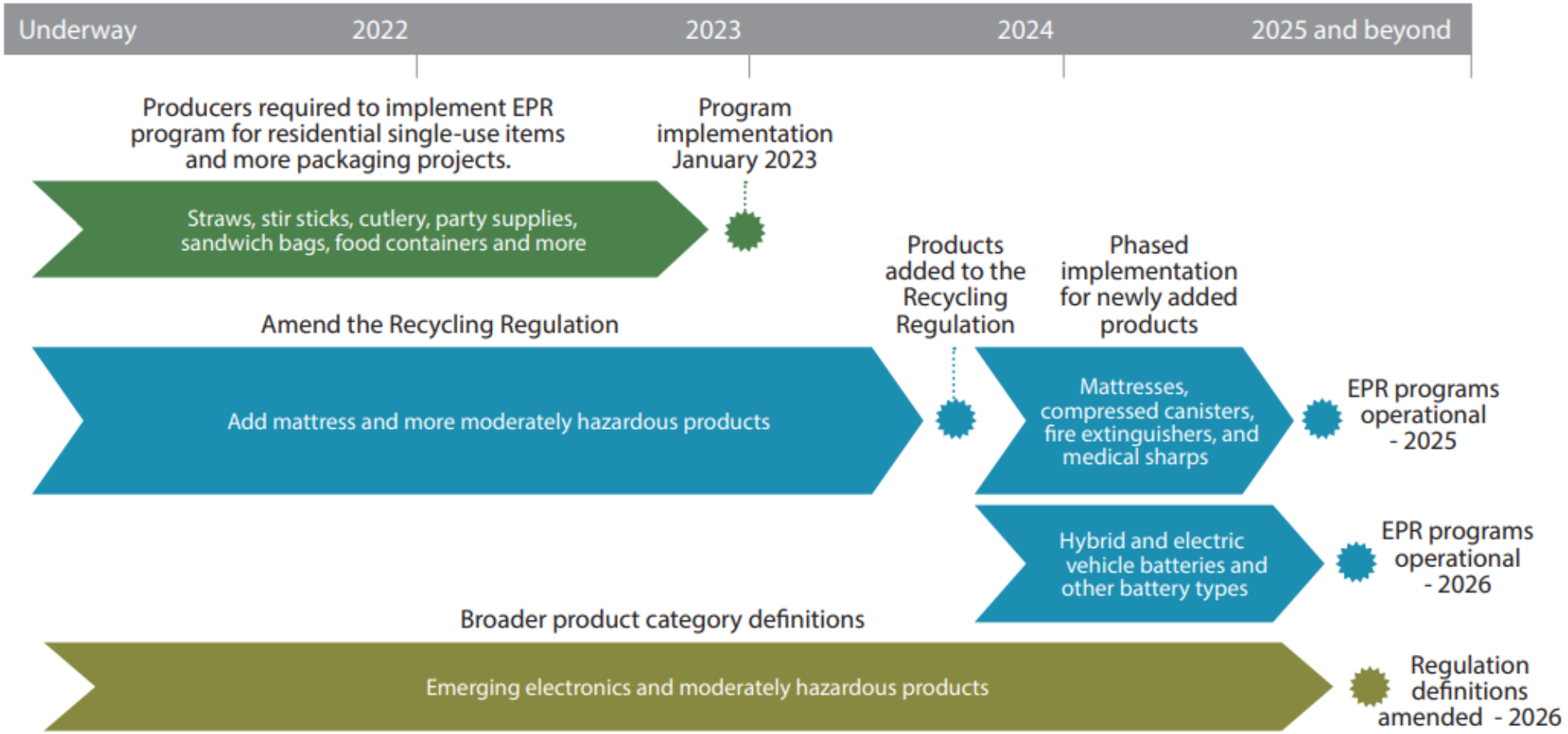
LIGHTING PRODUCTS, PAINT, HHW + ALARMS

productcare RECYCLING

LEAD-ACID BATTERIES

CBA Canadian Battery Association Representing the Industry Since 1970

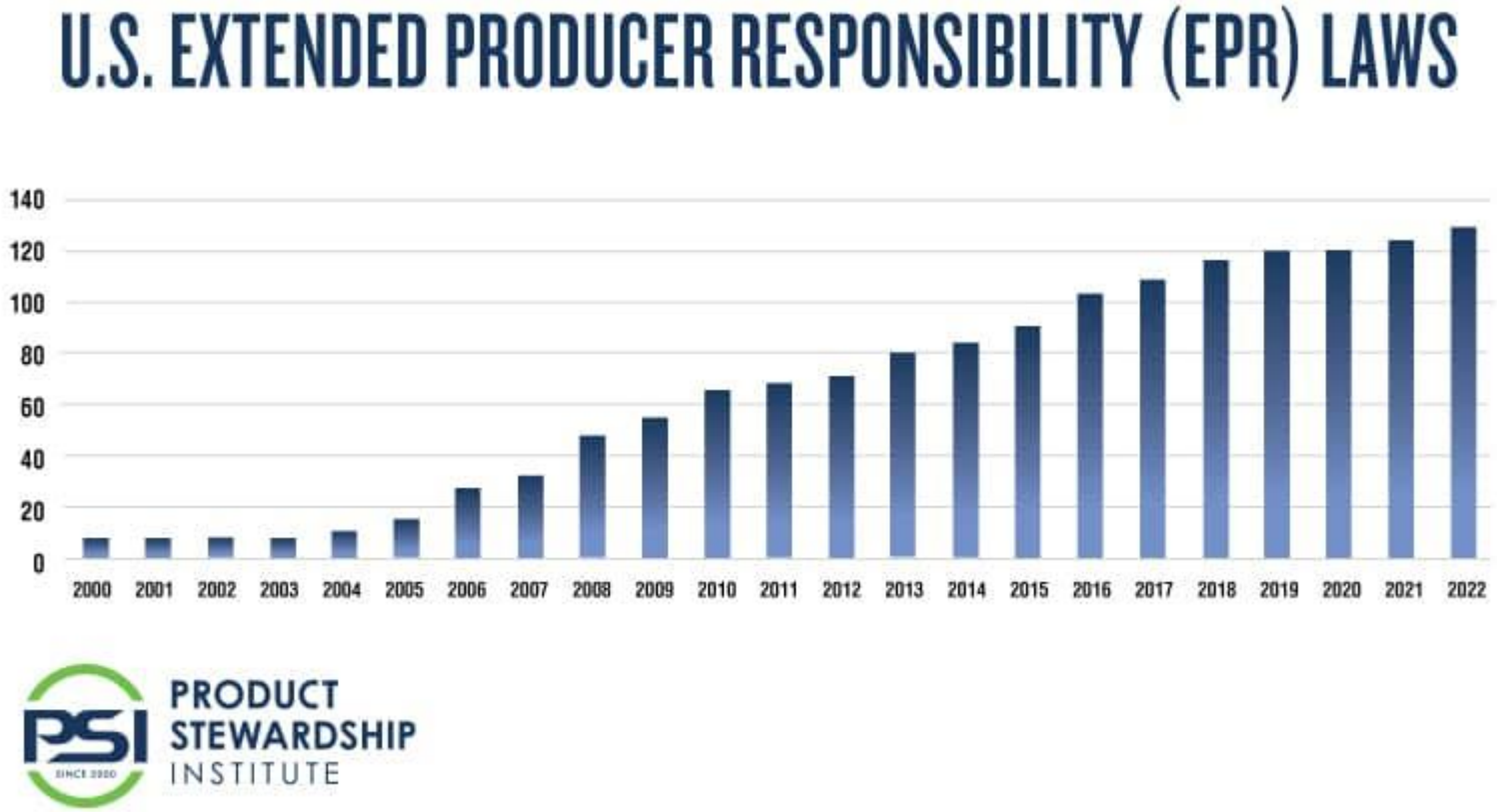
EPR 5-Year Action Plan 2021-2026



Comox Strathcona Waste Management

Foreign Influence

Better established in Europe and Australia, now seeing significant growth of EPR in the USA



What's Left to Achieve

- Packaging from industry, commercial and institutional sources
- Solar panels (Washington State)
- Textiles (France, introduced in California, EU Commission developing Harmonized EPR rules for textiles, revision of the EU Waste Framework Directive.)
- Carpet (California, New York)
- Construction, renovation, demolition materials (France)
- Furniture, boats, fishing gear, cigarette butts, gum (France)







On a Positive Note…



- BC is crushing it compared to other provinces and states!
- EPR programs have collected over 4.5 million tonnes of products and packaging since they began operating in B.C. - that’s 900 kg per British Columbian
- Not restricted by having to generate revenue

What materials do you want to see added?

How can we break the ‘take, make, throw’ circle?



Lunch Break – 45 minutes



Comox Strathcona Waste Management

Introductions

Vivian Schau

2 minutes

Comox Strathcona Waste Management

Finalizing Guiding Principles and Goals

Vivian Schau

45 minutes

RSWAC Meeting 3.5

Comox Strathcona Waste Management

Provincial Guiding Principals

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

CSWM Proposed Guiding Principals

Proposed Change

1. Promote and support zero waste approaches and support a circular economy in urban and rural areas

Rationale

- To reflect the regional differences in CSWM vast geography

CSWM Proposed Guiding Principals

Proposed Change

2. Promote the first 7 ~~3~~ Rs (Refuse, Rethink, Redesign, Reduce, Reduce, Repair and Recycle)

Rationale

- To reflect and elevate the importance of waste prevention by prioritizing refuse, rethink, redesign and repair prior to disposal

CSWM Proposed Guiding Principals

Proposed Change

3. Maximize beneficial and best use of waste materials, and manage residuals appropriately

Rationale

- To reflect the ‘best’ use of resources

CSWM Proposed Guiding Principals

No Proposed Change

4. Support polluter and user-pay approaches and manage incentives to maximize behaviour outcomes.

CSWM Proposed Guiding Principals

No Proposed Change

5. Prevent organics and recyclables from going into the garbage ~~wherever practical~~

Rationale

- 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 behaviour to reduce, reuse and recycle.
- Innovation in separation solutions, establishment and enforcement of disposal restrictions or other creative means will influence this approach.

CSWM Proposed Guiding Principals

Proposed Change

6. Collaborate and share best practices with other regional districts, municipalities, service providers and associations wherever practical

Rationale

- To reflect the need to collaboration with all stakeholders to support the most efficient and effective overall municipal solid waste system

CSWM Proposed Guiding Principals

Proposed Change

7. Continue to incentivize ~~Develop~~ collaborative partnerships with interested parties to achieve regional targets set in plans.

Rationale

- 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. Cooperative efforts will optimize successful outcomes.
- Encourage a marketplace that will complement stewardship programs and drive private sector innovation and investment towards achievement of targets.

CSWM Proposed Guiding Principals

Proposed Change

8. Level the playing field within regions for private and public solid waste management facilities to achieve regional targets set in plans

Rationale

- To reflect regional targets.

Goals

Goals = Long-term aims to be achieved as an outcome of the plan

Targets = Way of measuring progress

Local goals should be developed with extensive input from the advisory committee and the public consultation process, and ultimately should support provincial targets.

CSWM Proposal Goals – Waste Prevention

1. To support local circular economy approaches, and to work towards a goal of zero waste.

No change

CSWM Proposal Goals – Environmental Protection

2. To reduce greenhouse gas emissions and environmental impacts from solid waste management activities, and to pursue beneficial use of landfill gas.

Rationale

- To reflect the environmental impacts generated as a result of waste management activities and the possible beneficial use of landfill gas

CSWM Proposal Goals – Operations and Policy

3. To responsibly manage residuals, and ~~aim~~ to minimize the amount of waste buried in landfills.

Rationale

- To reflect the concerted effort to minimize waste disposal rather than an attempt

CSWM Proposal Goals – Education and Enforcement

4. To have informed citizens, businesses and community partners empowered to participate effectively and consistently in proper waste management practices.

Rationale

- To reflect the need to view proper waste management as a way of life and to include businesses and community partners as we all play a role in waste reduction

CSWM Proposal Goals – Education and Enforcement

5. To ensure that the CSWM solid waste service are financial sustainable and delivered equitably across the region, recognizing and leveraging the unique challenges and cultures of our rural and remote communities.

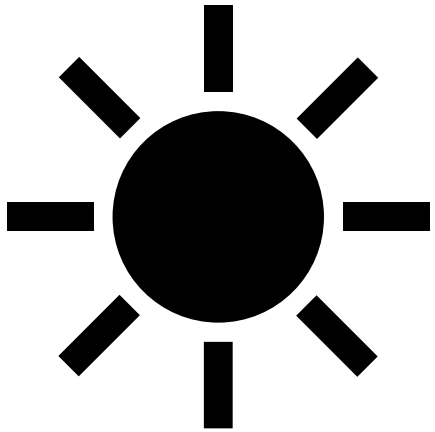
Rationale

- To reflect the regional differences in rural and urban needs

Additional Questions?



Break Time – 15 minutes











Diving Into Facilities, Programs and Services

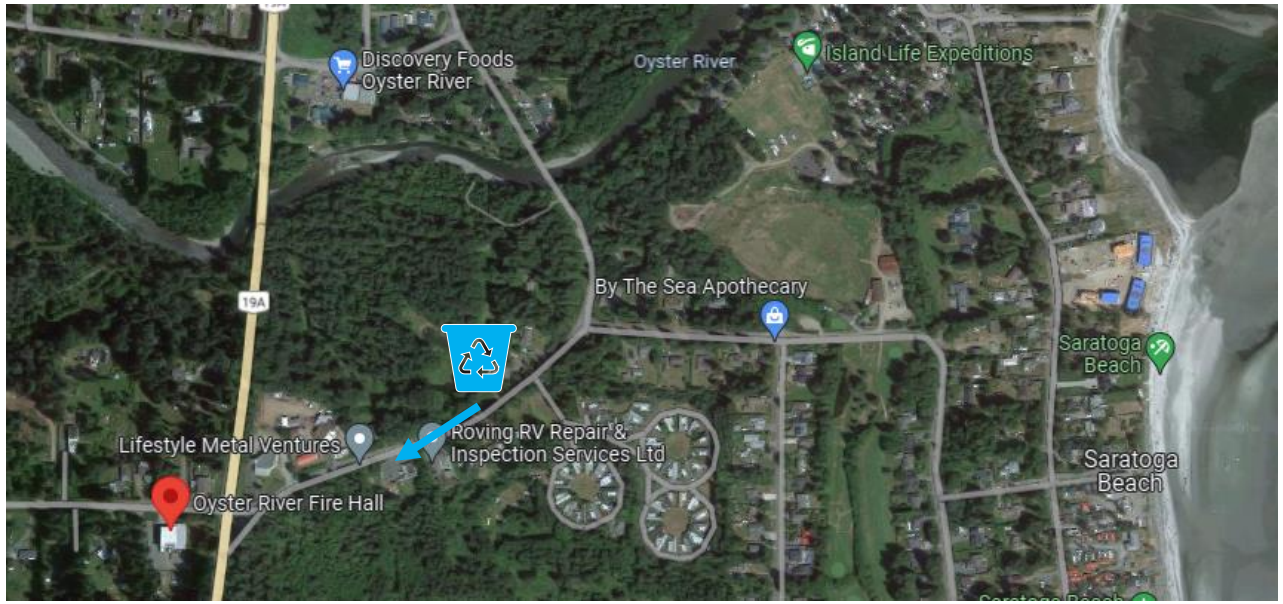
Jesse Lee

60 minutes

RSWAC Meeting 3.8

Comox Strathcona Waste Management

Black Creek-Oyster Bay (Oyster River) Recycling Drop-Off



- Recycling Drop-Off strategically located between CRWMC and CVWMC
- Right at SRD and CVRD boundary at Hwy 19
- 21 – 27 minutes to CVWMC or CRWMC

Comox Strathcona
Waste Management

Oyster River - Profile

- Serves SRD Electoral Area D and CVRD Electoral Area C residents
- Population Estimate: SRD Electoral Area D – 4,153
  CVRD Electoral Area C – 9,158

Oyster River – Diversion Operations

- Recycling drop off location located on private leased land
- 10 front load six yards bins, emptied daily by Emterra
- Transportation and recycling processing funded through 391
- Accepts standard curbside Recycle BC materials
- Facility is open 24 hours 7 days a week, 8,760 hours a year
- Not accepted to become a Recycle BC funded depot

Oyster River – Garbage

- Residents and businesses can pay for a subscription garbage collection service from a private hauler
- Recycling collection services are limited
- Self-hauling garbage is also an option



SRD Area D and CVRD Area C

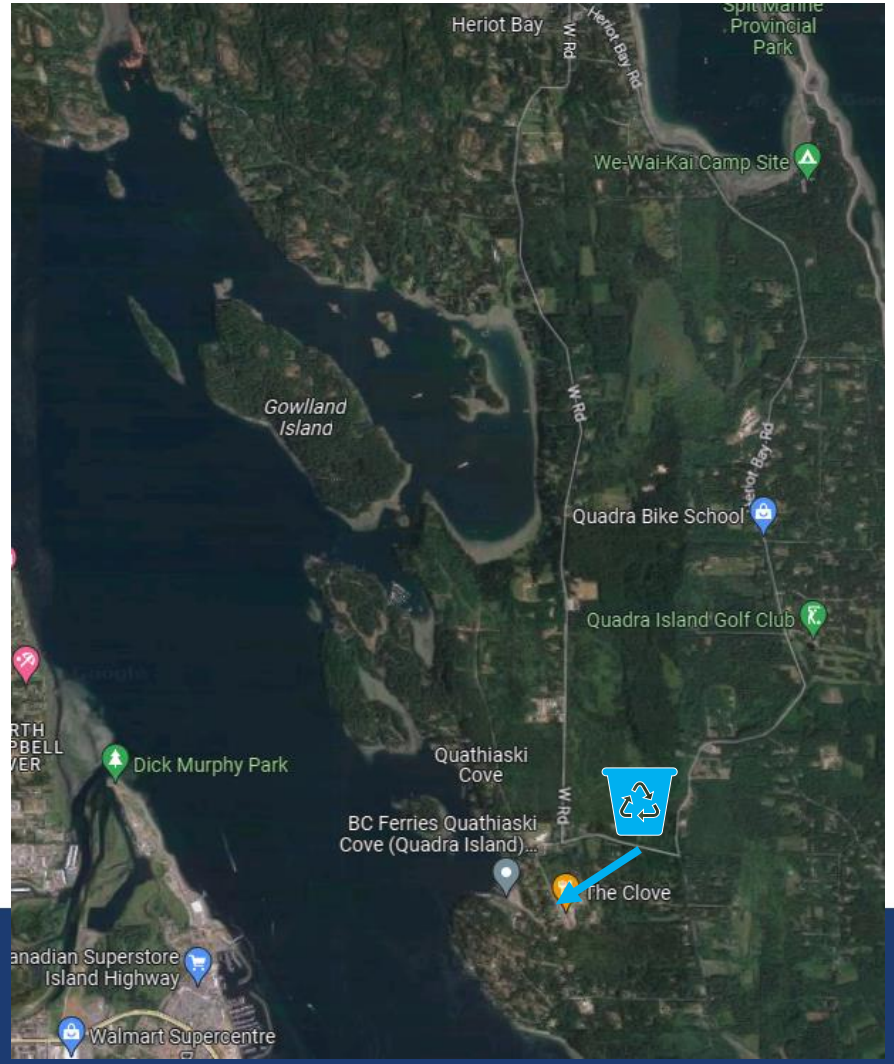
- 2023 Requisition Value for 391: $643,419
- 2022 Tipping Fees to 391: $450,088
- EPR Revenue: $0

- Approximate Cost of Services to 391: $97,200

Any Questions or Observations?



Quadra Island - SRD Electoral Area C



- Recycling Drop-Off centrally located near grocery store and ferry to Campbell River
- No CSWM waste transfer site or landfill
- 21 km, 45 min drive with 10 min ferry to CRWMC

Comox Strathcona Waste Management

Quadra - Profile

- Population Estimate: Electoral Area C - 2,737
- We Wai Kai First Nation – 78 homes on Quadra as well as a campground, 18 buildings
- Additional Users: Tourism, hotels, camping
- Average residential property value 2023: $639,400

Quadra – Diversion Operations

- Recycling drop off location located on Ministry of Transportation and Infrastructure, no lease charged
- 10 front load six yards bins, emptied daily by Emterra
- Transportation and recycling processing funded through 391
- Accepts standard curbside Recycle BC materials
- Facility is open 24 hours 7 days a week, 8,760 hours a year

Quadra – Diversion Operations

- Operated by a local contractor part time, under contract by CSWM
- CSWM holds events to offer expanded EPR collections, over 400 residents came out
- A new Recycle BC approved depot with expanded materials to be accepted is in the works, adding film, foam and glass
- Will reduce processing and hauling costs, but will add additional labour and capital costs

Quadra – Garbage

- Residents and businesses can pay for a subscription garbage collection service from a private hauler
- There is no where to drop off garbage on the island
- Self-hauling garbage to the CRWMC is also an option

SRD Electoral Area C Quadra Island

- 2023 Requisition Value for 391: $167,632
- 2022 Tipping Fees to 391: $129,675
- EPR Revenue: $0

- Approximate Cost of the recycling depot : $45,000

Comox Strathcona Waste Management

Any Questions or Observations?



Valley and Village of Sayward



- Recycling Depot is centrally located by the Village office
- No CSWM waste transfer site or landfill
- 83 km, 1 hr drive to CRWMC down Hwy 19

Comox Strathcona Waste Management

Sayward - Profile

- Population Estimate: Village of Sayward, 334
- Est. of Sayward Valley portion of SRD Elec. Area A, 508
- Additional Users: Tourism, hotels, wildlife viewing
- Average residential property value 2023: $326,778

Sayward – Diversion Operations

- Recycling depot operated by part time contractor to CSWM, accepts standard Recycle BC materials and motor oil.
- Hours are Monday, Wednesday, Friday 7:30 am to 8:30 pm, and Sunday 8:30 am to 5:00 pm, 2,158 hours/yr
- No lease for use of Village property
- Recycling Depot is centrally located by the Village office and is co-located with works yard and complementary services provided by the Village

Sayward – Municipal Services

- Weekly curbside garbage collection from single family homes in the Village and Valley, single contract managed by SRD. Typical cost is $264.04 per household
- Collection truck drives waste to CRWMC, tipping fees are paid at the CRWMC, the trucking is subsidized by 391
- Village operates a free store, scrap metal collection and yard waste drop off at the depot
- The Village keeps the scrap metal revenue and arranges transportation

Sayward - Events

- Three times a year, Apr, Jul, Oct, CSWM hosts a Sayward Days event
- Large household garbage too large for the curb is brought to a central yard
- Promote diversion and reuse of goods during events
- Grants for the events are provided by 391



Valley and Village of Sayward

- 2023 Requisition Value for 391: $47,177
- 2022 Tipping Fees to 391: $47,504
- EPR Revenue: $0

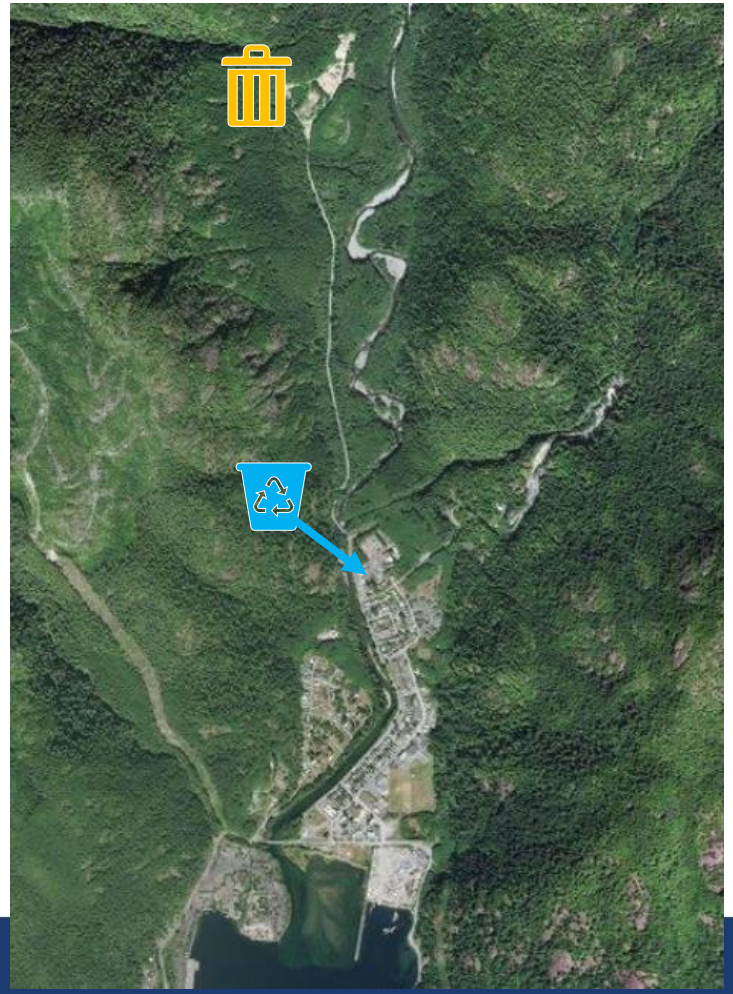


- Approximate Cost of Services to 391: $69,842

Any Questions or Observations?



Village of Tahsis



- Recycling Depot is centrally located at the public works yard
- Landfill is owned and operated by CSWM located north of town
- 145 km, 2.5 hr drive to CRWMC through Gold River

Comox Strathcona Waste Management

Tahsis - Profile

- Population Estimate: 393, grew significantly from 2016 census
- Additional Users: Fishing lodges, water access properties, aquaculture sector
- Average residential property value 2023: $142,139

Tahsis – Diversion Operations

- Recycling Depot accepts standard Recycle BC materials, motor oil, and electronics
- Hours are Tuesday to Saturday 8:00 am to 3:30 pm, 1,950/yr
- CSWM has an agreement with the Village for the operations of the landfill and recycling
- The depot has a community food waste composter secured in a seacan

Tahsis – Municipal Services

- Weekly curbside garbage collection from single and multi-family households
- Dumpsters provided to businesses, and serviced by the Village
- Multiple bear proof dumpsters located around the Village
- Free Store – located with the Depot

Tahsis - Landfill

- Received an estimated 650 tonnes of MSW in 2022
- No scale on site, and no charge for disposal of waste
- The landfill is fenced
- Leased from the Crown



Tahsis - Landfill

- Yard waste and wood waste are segregated and either burned, or chipped for cover
- Scrap metal is hauled to CR paid by 391
- Tires are segregated and managed through EPR
- Open Wed 8 am to 3:30 pm and Sat 10 am to 3:30 pm, 676 hours
- Anticipated year of closure 2030



Comox Strathcona Waste Management

Village of Tahsis

- 2023 Requisition Value for 391: $7,535
- 2022 Tipping Fees to 391: $10
- Scrap metal and EPR Revenue: $12,800



- Approximate Cost of Services to 391: $197,300

Tahsis - Video

Pause to Play Video of Tahsis

Any Questions or Observations?



Village of Zeballos



- Recycling Depot is centrally located between Zeballos and Ehatis
- Landfill is owned and operated by CSWM located west of town
- 199 km, 2.6 hr drive to CRWMC past Woss

Comox Strathcona Waste Management

Zeballos - Profile

- Population Estimate: 126 in Village
  - Ehattesaht/Chinehkint First Nation: 104 on reserve
  - Nuchatlaht First Nation: 23 on reserve
  - Ka:'yu:'k't'h'/Chek'tles7et'h' First Nations members may also pass by 164 on reserve
- Additional Users: Fishing lodges, water access properties, aquaculture sector
- Average residential property value 2023: $91,282

Zeballos – Diversion Operations

- Recycling Depot accepts standard Recycle BC materials. Possibility for electronics and small appliances
- Hours are Monday to Saturday 8:30 am to 4:30 pm, 2,496/yr
- The Village staff operate the depot under agreement
- No lease for use of site on Village property



Comox Strathcona Waste Management

Zeballos – Diversion Operations



- Depot is co-located with a community garden and is fully fenced
- Motor oil accepted in Ehatis
- Village provides free dumping at the landfill in May, CSWM supports diversion of additional materials through this time and sometimes a community event.

Zeballos – Municipal Services

- No curbside garbage collection
- Collect garbage from bear proof bins strategically located around Zeballos, as well as the First Nations communities, for residents and businesses to use
- Bins are emptied by Village staff and brought to the landfill
- Village collects utility fees from residents and businesses for use of the bins; $85 for a household

Zeballos - Landfill

- Received an estimated 493 tonnes of MSW in 2022
- No scale on site, material is charged by volume
- Tip fees are set and collected by the Village, $25.70 for a pickup load
- Operated by a CSWM contractor with their equipment
- Fenced and leased from the Crown



Zeballos - Landfill

- Scrap metal is hauled to CR paid by 391
- Tires are segregated and managed through EPR
- Open Wed 1 pm to 3 pm and
  Sat 12 pm to 3 pm, 260
  hours
- Anticipated year of closure
  2028

Village of Zeballos

- 2023 Requisition Value for 391: $1,929
- 2022 Tipping Fees to 391: $0
- Scrap metal and EPR Revenue: $2,100
- Approximate Cost of Services to 391: $95,459
  Landfill and Recycle Depot

Zeballos - Video

Pause to Play Video of Zeballos

Any Questions or Observations?



Village of Gold River



- Recycling depot and waste transfer station at the public works yard
- Landfill owned and operated by CSWM, not open to the public, doesn't accept MSW
- 79 km, 1 hr drive to CRWMC on Hwy 28

Comox Strathcona Waste Management

Gold River - Profile

- Population Estimate: 1,246 in Village
  - Mowachaht/Muchalaht First Nation: 223 on reserve
- Additional Users: Fishing lodges, forestry, water access properties, aquaculture sector
- Average residential property value 2023: $264,881
  - Substantial increase in last 3-5 years

Gold River – Diversion Opportunities

- Small free store building located with depot and transfer station, responsibility of the Village, closed during COVID, has not reopened
- April community clean up event with litter picking held
- Thrift store in town accepts household items, clothing and furniture
- Resident collects refundables from around town

Gold River – Diversion Operations

- Recycling Depot accepts standard Recycle BC materials, electronics, small appliances, light bulbs, used oil and many more materials.
- Hours are Wed to Sun from 9 am to 3:45 pm, 1,755/yr
- Staffed full time by Village employee



Gold River – Transfer Station

- Depot is co-located with a transfer station, operated by Village staff with their equipment under contract to CSWM
- Bin wall for yard waste, inert waste, scrap metal and MSW
- Scrap metal, yard waste and MSW are hauled out funded by 391
- Receives loads from Kyuquot, Walters Island



Gold River – Transfer Station



- Lease for use of buildings on Village property
- CSWM funded scale building, bin wall and recycling containers
- Scale on site used by Village staff, tip fees set and collected by Village
- $174.70 /tonne, minimum $5.70
- The Village is charged for waste delivered to CVWMC

Gold River – Municipal Services

- Curbside collection by Village staff, two cans weekly, includes households from Mowachaht-Muchalaht First Nation cost is approximately $275.55 per year
- Collect garbage from businesses, can select different sized containers and frequency of pick up
- Bins are emptied by Village staff and brought to the landfill
- Village collects utility fees from residents and businesses for use of the bins; $85 for a household

Kyuquot Walters Island – SRD Service

- Waste collected from the defined portion of Kyuquot-Nootka in Electoral Area A, Walters Island and surrounding area, SRD Function 364
- Waste is brought by boat to Gold River and hauled to the transfer station
- Transportation is under the unified transportation model
- Tipping fees are funded by tax requisition

Gold River - Landfill

- Received an estimated 136 m^3 of inert waste in 2022
- Only inert waste accepted from transfer station and Village, no public access
- Anticipated closure 2029
- Acceptance of MSW was phased out in 1998
- Previously accepted biosolids from the Village municipal wastewater treatment plant



Village of Gold River

- 2023 Requisition Value for 391: $25,719
- 2022 Tipping Fees to 391: $121,192
- Scrap metal and EPR Revenue: $18,000
- Approximate cost of Services to 391: $257,853
  Landfill, Transfer Station and Recycle Depot

Gold River - Video

Pause to Play Video of Gold River

Is Your Brain Full Yet?



Comox Strathcona Waste Management

Next Steps and Wrap Up

Sarah, Vivian, Co-Chair

15 minutes

RSWAC Meeting 3.9 - 3.11

Comox Strathcona Waste Management

Next Steps for the RSWAC

Review the Existing System Report to be sent one week prior to the May Meeting, identify any corrections or missed initiatives in your community. We will complete the deep dive!

Next Meeting is **May 11, 2023 at 1 pm**

- Meeting will be in an online format, if anyone is not comfortable or has poor internet they can participate from here

Wrap-Up

Parking Lot

- Any outstanding questions, comments, thoughts?

Roundtable

- Inspirations or frustrations?
- How did the meeting go?



Comox Strathcona Waste Management

Thank YOU.





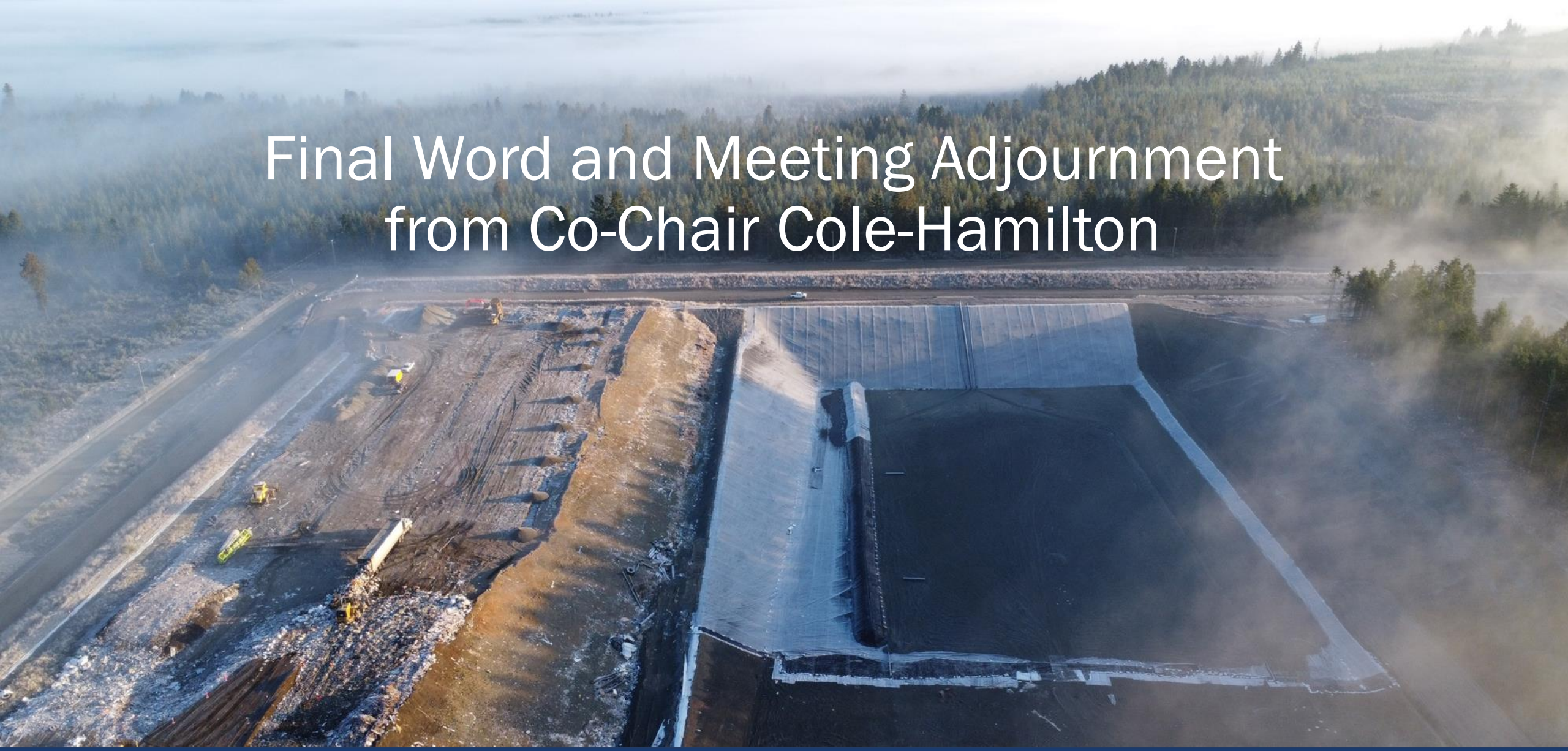
Any questions or comments, email or call Sarah.

250-334-6065

swillie@comoxvalleyrd.ca

Comox Strathcona Waste Management

Final Word and Meeting Adjournment from Co-Chair Cole-Hamilton



Comox Strathcona Waste Management