



## **AGENDA**

### **AVICC Special Committee on Solid Waste Management**

**Board Chamber, Nanaimo Regional District, 6300 Hammond Bay Road**

**Thursday, March 5, 2020 - 11:00 a.m. to 2:00 p.m.**

*Lunch will be provided.*

1. Welcome new members and introductions
2. Minutes from March 25, 2019 Special Committee – *page 3*
3. Historical Context – Brian Carruthers, CAO, Cowichan Valley RD – *presentation*
4. Update for each RD on the 3 focus areas identified by the Special Committee:
  - a) Organics Management (RDN) – *survey page 11*
  - b) Single-Use Plastics and Replacement Compostables (RDN) – *page 12*
  - c) Long-Term Disposal Options (Comox Strathcona) – *included in survey for 4a*
5. Financial Update – status of funds from RD contributions – *page 13*
6. Communications Group – “Recycle Right – at Home” Campaign Review (RDN) – *page 14*
7. Technical Group – 2018 Metrics Comparison (CRD) – *to be distributed at meeting*
8. Future of Special Committee – Options
  - a) CAOs and staff meet twice a year to discuss current issues, new and emerging issues, areas of overlap with opportunities for collaboration; staff would report back on meetings to their respective RD Boards

OR

  - b) Special Committee term be extended with clarity of role and objectives
9. Potential Resolution(s) for 2020 Convention – Advocacy on Labelling and Disposal of Compostable Containers, Straws, Bags; Committee Status and Work Plan (*2019 endorsed resolution attached, 2020 solid waste resolutions submitted for discussion at 2020 convention attached – page 18*)
10. Next Meeting

## AVICC Special Committee on Solid Waste Management – March 2020

| Representing                        | Position        | Representative                      |
|-------------------------------------|-----------------|-------------------------------------|
| Alberni-Clayoquot Regional District | Elected Rep     | John McNabb                         |
|                                     | Alt Elected Rep | John Jack                           |
|                                     | CAO             | Doug Holmes                         |
| Capital Regional District           | Elected Rep     | Denise Blackwell                    |
|                                     | Alt Elected Rep |                                     |
|                                     | CAO Designate   | Russ Smith                          |
| Comox Valley Regional District      | Elected Rep     | Arzeena Hamir                       |
|                                     | Alt Elected Rep | Alex Bissinger                      |
|                                     | CAO             | Russell Dyson                       |
| Cowichan Valley Regional District   | Elected Rep     | Lori Iannidinardo                   |
|                                     | Alt Elected Rep |                                     |
|                                     | CAO             | Brian Carruthers                    |
| Mount Waddington Regional District  | Elected Rep     | Dennis Buchanan                     |
|                                     | Alt Elected Rep |                                     |
|                                     | CAO             | Greg Fletcher                       |
| Nanaimo Regional District           | Elected Rep     | Ben Geselbracht                     |
|                                     | Alt Elected Rep | Don Bonner                          |
|                                     | CAO             | Phyllis Carlyle                     |
| qathet Regional District            | Elected Rep     | CaroleAnn Leishman                  |
|                                     | Alt Elected Rep | Mark Gisborne                       |
|                                     | CAO             | Al Radke                            |
| Strathcona Regional District        | Elected Rep     | Charlie Cornfield                   |
|                                     | Alt Elected Rep | Brad Unger                          |
|                                     | CAO             | David Leitch                        |
| Sunshine Coast Regional District    | Elected Rep     | Leonard Lee                         |
|                                     | Alt Elected Rep |                                     |
|                                     | CAO             | Dean McKinley                       |
| AVICC Executive                     | Chair           | Edwin Grieve (AVICC Past President) |
|                                     | AVICC Staff     | Liz Cookson                         |



**MINUTES OF THE AVICC  
SPECIAL COMMITTEE ON SOLID WASTE MANAGEMENT  
HELD AT REGIONAL DISTRICT OF NANAIMO  
Monday, March 25, 2019**

**REPRESENTATIVES:**

Director Dennis Buchanan, Mount Waddington  
Director Ben Geselbracht, Nanaimo  
AVICC President Edwin Grieve, Committee Chair  
Director Arzeena Hamir, Comox Valley  
Director Lori Iannidinardo, Cowichan Valley  
Chair John Jack, Alberni-Clayoquot  
Director Leonard Lee, Sunshine Coast  
Director CaroleAnn Leishman, qathet (by phone)  
Director Brad Unger, Strathcona  
Director Geoff Young, Capital

**STAFF IN ATTENDANCE:**

Randy Alexander, GM, Regional and Community Utilities, Nanaimo  
Phyllis Carlyle, CAO, Nanaimo  
Brian Carruthers, CAO, Cowichan Valley  
Liz Cookson, Secretary-Treasurer, AVICC  
Russell Dyson, CAO, Comox Valley  
Meghan Ebueza, Solid Waste Planner, Nanaimo  
Larry Gardner, Manager, Solid Waste Services, Nanaimo  
Andrew McGifford, Senior Manager, Comox Strathcona Waste Mgmt  
Tom Watkins, Manager, Environmental Resource Mgmt, Capital  
Rob Williams, GM of Environmental Services, Alberni-Clayoquot  
Tauseef Waraich, Manager, Recycling & Waste, Cowichan Valley

Chair and AVICC President Edwin Grieve called the meeting to order at 10:00 am, and thanked members for attending today's meeting.

**MINUTES OF AUGUST 24, 2018 MEETING**

On motion by Director Buchanan, seconded by Director Unger,  
That the draft minutes of the August 24, 2018 meeting be amended on page 3 to change "Mount Waddington Director Unger" to "Strathcona Director Unger", and

That the minutes of the August 24, 2018 Special Committee meeting be adopted as amended was  
CARRIED

**HISTORY OF THE SPECIAL COMMITTEE & ACCOMPLISHMENTS TO DATE**

Russell Dyson gave a presentation on the history of the Special Committee and its accomplishments to date. He noted that it was a unique initiative that brings 9 regional districts together to implement a shared action plan.

## History

- 2014 a Regional District workshop was held to discuss solid waste issues. Participants:
  - shared experiences and best practices
  - identified uncertainties facing members
  - looked for areas where the RDs could work in common
  - established a desire to work together on regional solutions
- Resolution R8 Vancouver Island Coordinated Solid Waste Strategy sponsored by the City of Campbell River and the Strathcona RD was endorsed by AVICC members at 2015 AGM
- April 2015 the Special Committee was established to:
  - Summarize solid waste management plans;
  - Analyze and review legislative framework to inform joint solutions;
  - Develop a long-term strategy for solid waste management ensuring that the affected local governments have reached consensus;
  - Present the findings and recommendations of the analysis as requested by AVICC;
  - Report out on work of the Special Committee at the 2016 AVICC Annual General Meeting and Convention; and
  - Present a briefing to the Province of BC.
- Initial contribution of \$25,000 from Comox Strathcona Waste Management; \$15,000 from AVICC and RDN providing meeting space
- TetraTech consultant led a workshop that identified issues; SWOT analysis; trends; potential solutions
- TetraTech presented the State of Waste Management Report to the Special Committee; reviewed and discussed in detail
- Special Committee prioritized the report recommendations, established an action plan, presented the action plan to members at the 2016 AGM by resolution, and received endorsement of the resolution and action plan
- Report back annually to members at AGMs

## Accomplishments:

- Cost sharing formula for all RDs
- Annually update data tables from the State of Waste Management Report
- Meeting with then Minister of Environment, Mary Polak at 2016 UBCM Convention
- Waste Leakage Analysis (fees and bylaw comparison)
- Illegal dumping bylaw effectiveness review (enforcement and prevention)
- Investigation of solid waste advanced technology
- Communications Group collaboration

### Goals

- Meet quarterly
- Develop joint campaigns
- Share education materials
- Ensure consistent messaging

### Deliverables

- 2017/18 - Illegal dumping campaign
- 2018/19 – Recycle Right at Home campaign
- Meeting with Minister of Environment, George Heyman at 2018 UBCM Convention
- Commitment of Ministry staff to engage
- CAO meeting with Assistant Deputy Minister
- MoE staff presentation to AVICC January meeting of technical staff and CAOs

## **REVIEW OF SOLID WASTE MANAGEMENT PLANS AND RECOMMENDATIONS FOR NEXT STEPS**

Brian Carruthers presented on the future of the Special Committee. He advised that the CAOs and technical staff met in January 2019, and determined that there is value in having the Special Committee continue with a modified scope. The recommendation from staff is that the participation of elected officials should be focused on policy and advocacy, and that staff should continue to collaborate on initiatives that are operational in nature.

At the February meeting staff reviewed the Solid Waste Management Plans from each RD and looked for commonalities and opportunities for collaboration. Based on the review, the proposed priorities for the Special Committee are:

### **1. Organics Management**

- Shared Service and Cooperative Efforts
- Aligned Tipping Fee Rates and Bylaws
- Advocacy
- Organics Disposal Bans
  - 5 Regional Districts have some level of organics disposal bans
- Organic Material Processing
  - All Regional Districts have some level of processing
  - Audits of RDs show different % of organics in waste streams
  - Mix of Private Partnerships, Private Facilities or Regional District Facilities

### **2. Long Term Disposal Options**

- Shared Service
  - Summary Landfill Lifespans
- Cooperative Efforts
  - Sub-Committee Alternative Disposal Options
- Advocacy – regulations

### **3. Single-Use Plastics**

- Advocacy
  - Regional District authority, don't have same authorities as municipalities to address
  - Summary of existing models
- Alignment benefits
  - Helps public and private sector to understand
  - Mandatory source separation
  - Disposal Bans

Brian Carruthers summarized the operational activities proposed for staff as:

### **Communication and Outreach**

- Alignment
- Cooperative Efforts

### **Solid Waste Comparative Data**

- Tetra Tech – wait for 2018 Data to become available

## Varying Tipping Fees

- Alignment

## Mandatory Source Separation

- Alignment
- Advocacy

## Disposal Bans

- Alignment

## Extended Producer Responsibility (EPR)

- Advocacy

Staff proposed a cost sharing of funding based on the same formula as was used for the initial \$20,000 member contribution in 2016/17. The second contribution proposed is \$12,250 with the following allocation by RD:

| A                 | B                                      | C                             | D                   | E   | F   | G                 | H                  |
|-------------------|--|-------------------------------|---------------------|---|---|-------------------|--------------------|
| AVICC Member      | Member flat participation contribution | Total Waste Disposed (tonnes) | % AVICC Total Waste | Participant contribution based on % of waste disposed | Total Member contribution based on \$20,000.00 budget | 50% of Column E   | 2019 Contribution  |
| Alberni-Clayoquot | 500.00                                 | 21,044                        | 6.40%               | 992.19  | 1,492.19  | 496.10            | 996.10             |
| Capital           | 500.00                                 | 139,412                       | 42.41%              | 6,573.06  | 7,073.06  | 3,286.53          | 3,786.53           |
| Comox Valley      | 500.00                                 | 39,427                        | 11.99%              | 1,858.92  | 2,358.92  | 929.46            | 1,429.46           |
| Cowichan Valley   | 500.00                                 | 23,677                        | 7.20%               | 1,116.33  | 1,616.33  | 558.17            | 1,058.17           |
| Mount Waddington  | 500.00                                 | 6,172                         | 1.88%               | 291.00  | 791.00  | 145.50            | 645.50             |
| Nanaimo RD        | 500.00                                 | 51,782                        | 15.75%              | 2,441.44  | 2,941.44  | 1,220.72          | 1,720.72           |
| Powell River RD   | 500.00                                 | 9,242                         | 2.81%               | 435.75  | 935.75  | 217.88            | 717.88             |
| Strathcona        | 500.00                                 | 27,723                        | 8.43%               | 1,307.10  | 1,807.10  | 653.55            | 1,153.55           |
| Sunshine Coast    | 500.00                                 | 10,270                        | 3.12%               | 484.21  | 984.21  | 242.11            | 742.11             |
| <b>Total</b>      | <b>\$4,500.00</b>                      | <b>328,749</b>                | <b>100%</b>         | <b>\$15,500.00</b>                                    | <b>\$20,000.00</b>                                    | <b>\$7,750.00</b> | <b>\$12,250.00</b> |

## COMMUNICATIONS GROUP

Meghan Ebueza spoke on behalf of the Communications Group. She advised that 8 of the 9 RDs in the Special Committee are partnered with the Ministry of Environment on the “Love Food Hate Waste” campaign that aims to reduce avoidable food waste.

Meghan Ebueza also presented the Recycle Right at Home campaign that had been developed by the Communications Group based on direction from the Special Committee. She advised that in selecting the campaign the Communications Group had looked for common themes that all the RDs struggle with. She played the 5 videos that had been developed for the campaign:

1. Get Ready to Reduce
2. Keep it Clean
3. Know Before You Throw
4. Think Before You Throw
5. What is Curbside Contamination?

In response to questions, Meghan Ebueza advised that different versions were made of some videos to accommodate specific concerns in individual RDs e.g. glass collection. She noted that while some

RDs don't have curbside collection in all areas everyone does need to do the same sorting of materials at home, and that the issues of contamination, separation, etc. are common across the RDs. Some footage was reshot for the Capital RD at an additional cost to the budget.

Meghan Ebueza advised that the Communications Group will be meeting by phone to follow up after the campaign launch to share their experiences.

There was general discussion of the videos. Comments included:

- videos can be watched multiple times by people so there is an opportunity to include lots of information in each
- each RD can frame the videos with their specific information or additional messaging
- the videos can be shared through schools at the discretion of each RD
- in some regions the blue boxes are used for transporting recyclables to the depot, and not to the curbside
- messaging in the videos is consistent with messaging from the Province and the EPR programs

On motion by Director Hazir, seconded by Director Iannidinardo,  
That the presentations on the Background of the Special Committee, the Future of the Special Committee, and the Communications Group all be received was CARRIED

On motion by AVICC President Grieve, seconded by Director Iannidinardo,  
That the current Vision and Goals of the Special Committee as set out in the Ministerial briefing notes included in the meeting package be reaffirmed was CARRIED

The Vision and Goals as endorsed are:

- **Vision:**  
That local governments on Vancouver Island, Gathet and the Sunshine Coast are working together to address the opportunities and challenges of managing solid waste and our residents are aware of, and support the need to reduce and manage our waste in a sustainable manner.
- **Goals:**
  1. Ensure information is shared between AVICC local governments to encourage best practices in solid waste management and consistent messaging to our residents.
  2. Collect and maintain appropriate and consistent data associated with solid waste management within the AVICC.
  3. Support an informed and unified voice to assist efforts with the Province, NGOs and other partners in developing effective waste management solutions and policies.

## RESOLUTION FOR 2019 AVICC CONVENTION

AVICC President Grieve reviewed the history of AVICC Executive resolutions regarding the Special Committee. He advised that the membership had endorsed resolutions confirming the continuation of the Special Committee and its action plans at the 2016, 2017 and 2018 Conventions. He advised that the AVICC Executive could endorse and then submit a resolution to the 2019 Convention on behalf of the Special Committee, and this would not be considered a late resolution under AVICC bylaws.



Committee members discussed incorporating the Vision and Goals they had endorsed at this meeting in to the 2019 resolution. Director Geselbracht proposed adding additional language regarding zero-waste and a circular economy to the resolution. Members considered the definition of circular economy, and suggested that it was already covered in the third goal.

There was general discussion around focusing messaging on common issues that have the biggest impact and that help move people's mindset along the road to zero waste by encouraging incremental steps. There was support for effective and consistent waste management solutions and policies.

In response to a question about the appropriateness of the Special Committee giving direction to RD staff, Brian Carruthers advised that the goals are focussed on collaboration and cooperation, and are based on individual RD solid waste management plans that reflect the direction of each individual RD.

On motion by Director Iannidinardo, seconded by Director Buchanan,  
THAT the following changes be incorporated into the Vision and Goals:

- “and to work toward achieving zero-waste in our communities” be added to the end of the Vision statement;
- “and common solutions” be added to the first goal following “best practices”;

AND THAT the Vision and Goals be endorsed as amended was

CARRIED

The members proposed drafting a three part resolution with more specific opportunities for collaboration and incorporating the three priorities recommended by staff in the presentation on the future of the Special Committee: organics management, long-term disposal and single-use plastics.

Following a break for lunch, the Special Committee members reviewed a resolution drafted by staff incorporating the morning's discussion.

On motion by Chair Jack, seconded by Director Iannidinardo,  
That the proposed resolution be endorsed by the Special Committee and submitted to the AVICC Executive Committee with a request to bring the resolution forward to the 2019 AGM and Convention was

CARRIED

The resolution to be submitted to the AVICC Executive Committee reads:

WHEREAS the Association of Vancouver Island and Coastal Communities' (AVICC) Special Committee on Solid Waste Management, with representatives from nine regional districts, was formed in 2015 to research, prepare and present the findings and recommendations to the 2016 Convention on this mandated service;

AND WHEREAS the Special Committee reported out to the AVICC membership at the 2016, 2017 and 2018 Conventions, the membership endorsed the action plans and further directed the Special Committee to report back to the 2019 Convention with outcomes;



THEREFORE BE IT RESOLVED THAT the AVICC endorses and supports the Special Committee's vision and goals as:

**Vision:**

That local governments on Vancouver Island, qathet and the Sunshine Coast are working together to address the opportunities and challenges of managing solid waste and our residents are aware of, and support the need to reduce and manage our waste in a sustainable manner, and to work toward achieving zero-waste in our communities.

**Goals:**

1. Ensure information is shared between AVICC local governments to encourage best practices and common solutions in solid waste management and consistent messaging to our residents.
2. Collect and maintain appropriate and consistent data associated with solid waste management within the AVICC.
3. Support an informed and unified voice to assist efforts with the Province, NGOs and other partners in developing effective waste management solutions and policies.

AND BE IT FURTHER RESOLVED THAT the AVICC endorses and supports the continuation of the Special Committee on Solid Waste Management with areas of work focused on: Organics Management, Long-Term Disposal Options, and Single-Use Plastics;

AND FINALLY THAT regional district staff continue to discuss opportunities for collaboration and alignment related to those areas of work in the following areas:

1. Communication and Outreach
2. Mandatory Source Separation
3. Solid Waste Comparative Data
4. Disposal Bans
5. Varying Tipping Fees
6. Extended Producer Responsibility (EPR)

On motion by Director Iannidinardo, seconded by Chair Jack,  
That the proposed contribution of \$12,500 from the member regional districts with cost-sharing as proposed in the presentation on the future of the Special Committee be endorsed was CARRIED

**COMMITTEE MEMBER INDIVIDUAL UPDATES**

AVICC President Grieve asked for updates from individual members on work being carried out in their areas.

Director Lee: Thanked the Special Committee for its work to date and is looking forward to future involvement as a new member.

Director Buchanan: Advised that the Mount Waddington landfill is going well, staff looking at new sensors to place in the leachate pool to possibly let them turn off one or two pumps to save on hydro costs.

Director Iannidinardo: The new Meade Creek facility is working well, need staffing to direct traffic to let people know what goes where. She appreciates having the Communications Group videos to send out and keep people informed. Likes the idea of spreading the communications to school districts.

Director Young: CRD's landfill has a reasonable capacity. There is some separation by customers at the landfill, but most pickups are at home for curbside collection. Multi-family residential source separation can be difficult. Consistency between the municipalities within the CRD is a challenge. CRD is looking at food waste composting opportunities for renewable natural gas generation or electricity generation.

Director Hamir: Comox Valley moving toward regional organic pick up with Strathcona. They have a fantastic leachate processing facility.

Director Geselbracht: Commented that it is unique for a region to have the kind of collaboration shown by this Special Committee. He is proud of staff's work on the new Nanaimo SWMP.

He is concerned with changes in China that mean some materials will no longer be accepted, and the pressure that this will put on local governments. He would like to advocate for the law being proposed by MP Nathan Cullen to require all packaging to be recyclable, and enquired on the procedure for the Special Committee to bring a resolution forward to the Convention. President Grieve advised that resolutions cannot come from the Special Committee directly, but could come from an AVICC member local government as a late resolution or from the AVICC Executive Committee. The Executive would require background information on the resolution to consider sponsoring it, and an Executive member would be responsible for speaking to the resolution on the floor of the convention.

On motion by Director Geselbracht, seconded by Director Young,  
That the Special Committee express its support for a federal law that all packaging be recyclable and request the AVICC Executive Committee consider a resolution at the 2019 AGM and Convention was  
CARRIED

Chair Jack: ACRD is currently liaising with the Tseshaht First Nation regarding the landfill.

Director Unger: Gold River has apartments being demolished and looking for options on disposal of the building waste. Looking at new options for enhanced recycling in the region.

#### **ADJOURNMENT**

At 1:15 pm on motion by AVICC President Grieve, seconded by Director Iannidinardo,  
That the meeting be adjourned was

CARRIED

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Edwin Grieve, AVICC President and Chair  
AVICC Special Committee on Solid Waste

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Liz Cookson, AVICC Secretary-Treasurer

|   | RDN   | SCRD  | CRD   | CVRD   | ACRD  | CSWM  | qathet   | RDMW   |
|---|---|---|---|--|---|---|--|--|
| <b>Organics Managed</b>                                 |   |   |   |  |   |   |  |  |
| <b>Food Waste</b>                                       | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>   | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>   | <b>No</b>                                    |
| Curbside Collection                                     | Available for residential single family dwellings in all municipalities and EAs | Gibsons and pilot in Sechelt only. 2020 launch for SCRD and Sechelt   | 6 municipalities and private haulers                            | Municipalities only. Pending SWMP approval, residential food waste collection for CVRD | Not sure if private hauler service available  | Town of Comox and Village of Cumberland are the only LG included in the Organics Pilot Facility   | City curbside pilot project of 390 homes   | No   |
| ICI Collection  | Private   | Private   | Private   | Private  | Not sure if private hauler service available  | No  | Some restaurants and grocery stores  | Biosolids from WWTP \$78/tonne               |
| Depot Drop Off  | CRTS and Private Facilities   | Private; 2020 budget proposal for residential food waste drop-off in Pender Harbort (PH does not have curbside services).   | Hartland TS and Private Facilities                              | Recycling Centres and Private  | Private organics processing facility where residents can sign up for a bin swap program   | No  | Pilot program for residential self haul for food scraps and yard & garden waste. | No   |
| <b>Food Waste Tipping Fee (\$/tonne)</b>                | \$110.00  | N/A   | \$120.00  | \$112.00   | \$0.00  | \$45.00 (Pilot Project) \$120-\$150 (Future)  | \$0.00   | -  |
| <b>Yard and Garden Waste</b>                            | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>   | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>   | <b>Yes</b>                                   |
| Curbside Collection                                     | No; CoN accepts yard waste  | 2020 Sechelt program to include garden waste  | 6 municipalities and various private haulers                    | No - Duncan only   | No  | Comingled in Comox and Cumberland; Courtney and Campbell River only yard and garden waste   | City pilot program collected together with food waste                            | No   |
| ICI Collection  | Private   | Private   | Private   | Private  | No  | No  | No   | No   |
| Depot Drop Off  | RD and Private  | RD and Private  | Yes   | Recycling Centres (public + Fisher Road Recycling)                                     | Yes   | Private and Public  | 2 drop offs, one for under 50L and one for over 50L                              | Yes  |
| <b>Yard and Garden Waste Tipping Fee (\$/tonne)</b>     | \$55.00   | \$86.00   | \$59.00   | Free   | Free  | \$65.00   | Free   | Free   |
| <b>Clean Wood Waste</b>                                 | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>   | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>   | <b>Yes</b>                                   |
| Accepted at RD Facilities                               | Recycled or Reused  | Pender Harbour Transfer Station only  | Accepted as Garbage   | Yes  | Yes   | Yes   | No   | Yes  |
| Accepted at Private Facilities                          | Yes   | Yes   | Yes   | Yes  | Not Sure  | Yes   | Yes  | -  |
| <b>Wood Waste Tipping Fee (\$/tonne)</b>                | \$260.00  | \$170/\$265   | \$110.00  | \$95.00  | \$120.00  | \$120.00  | \$225.00   | \$28.00                                      |
| <b>Composting Facility (provide additional details)</b> | 20 year Private/Public Partnership with CWBC                                    | 1 private sector facility on Coast. SCRD has a 3 year contract with Salish Soils for processing yard & garden & food waste. | Private yard waste facilities. Food Waste hauled out of region. | Coast Environmental, Fisher Road Recycling, Central Landscape, and Ladysmith           | Received \$6M Strategic Priorities Grant to assist in implementation of organics diversion program including construction of a processing facility at the West Coast Landfill and outsourcing processing within the Alberni Valley. A small scale operation is being considered for Bamfield. | Pilot processing facility at Comox Valley Waste Management Centre. Received funding from OIP program for new organics facility in Campbell River. | -  | No   |
| <b>Long Term Disposal Options</b>                       |   |   |   |  |   |   |  |  |
| <b>Regional Landfill</b>                                | <b>Yes</b>  | <b>Yes</b>  | <b>Yes</b>  | <b>No</b>  | <b>Yes</b>  | <b>Yes</b>  | <b>No</b>  | <b>Yes</b>                                   |
| Remaining Capacity (m <sup>3</sup> )                    | 1,610,994   | 143,800   | -   | -  | Alberni Valley 2,517,700 West Coast 737,154   | Campbell River WMC 95,000 Comox Valley WMC 370,000  | -  | 628,955                                      |
| Remaining Capacity (tonnes)                             |   | 94,908  | -   | -  | Alberni Valley 1,359,558 West Coast 420,178   | -   | -  | 500,000                                      |
| Remaining Capacity (years)                              | 24  | 6   | 28  | -  | Alberni Valley 70-90 years West Coast 60 years  | Campbell River WMC 2.5 years Comox Valley WMC 4.5 years   | -  | 51   |
| Potential Expansion                                     | No  | n/a   | Yes   | -  | Within the existing property, pending long-term tenure from the province, along with approval of the updated operations closure plan.   | Campbell River WMC Yes Comox Valley WMC Yes   | -  | Yes  |
| Potential Expansion Capacity (years)                    | -   | n/a   | 50+   | -  | -   | Comox Valley WMC 39 years   | -  | 50.00  |
| Accept Out-of-District Waste                            | Agreement with CVRD and Lasqueti Island   | No  | Yes, only asbestos  | -  | No  | Comox Valley WMC Yes  | -  | Agreement with Bella Bella and Klemtu        |
| Accept Asbestos   | Yes   | Yes   | Yes   | -  | Yes   | Campbell River WMC Yes  | -  | Yes  |
| <b>Do you ship waste Out-of-District?</b>               | <b>No</b>   | <b>No</b>   | <b>No</b>   | <b>Yes</b>   | <b>No</b>   | <b>No</b>   | <b>Yes</b>   | <b>No</b>                                    |
| Location shipped to                                     | -   | -   | -   | Washington   | -   | -   | Rabanco  | -  |
| <b>Long term disposal options being considered</b>      | Yes   | SWMP does not support incineration. Preliminary evaluation of disposal options to be initiated in 2020.                     | Landfill Expansion  | SWMP does not support incineration. Monitoring alternatives.                           | -   | Continue to monitor W2E technologies, but current focus on landfilling until 70% diversion is achieved as per SWMP.                               | At this point focus is on a composting program and waste diversion.              | Tenure expansion adjacent to 7 Mile Landfill |

| Status of Initiatives Addressing Single Use Items        |   |
|--|---|
| Local Government   | Current Status  |
| Capital Regional District                                | CRD is staying informed of member municipalities actions and those of neighboring communities to respond to enquiries from the public. They expect to try to incorporate some learnings into their solid waste management plan coming up. Also interested to see how compostable and biodegradable items are being discussed.   |
| Capital Regional District - City of Victoria             | Checkout Bag Bylaw in effect (Plastic, Paper, Reusable). Implemented Jul 1/18<br>Council direction to regulate straws, cups and takeout containers. Increase in regulated amounts to charge for checkout bags coming into effect July 1, 2019 \$0.25 for paper bags, \$2 for reusable. Straws, Styrofoam takeout and coffee cups are projected future materials to be regulated. The BC Court of Appeal struck down the City of Victoria's Checkout Bag Regulation Bylaw, meaning that for the time being the City's Bylaw is of no force and effect. The City of Victoria is reviewing its options as it continues efforts to phase out single-use items and eliminate unnecessary waste. The ruling does not mean businesses have to change their practices. City staff have visited over 200 Victoria businesses and observed that 97% of businesses have successfully stopped distributing single-use plastic checkout bags. Similar checkout bag regulations remain in place in other Canadian jurisdictions and the Government of Canada plans to ban harmful single-use plastics as early as 2021. |
| Comox Valley Regional District (CSWM Service)            | "THAT the Comox Strathcona Waste Management Board submit a formal response to the CleanBC Plastics Action Plan Policy Consultation Paper;<br>AND FURTHER THAT the Comox Strathcona Waste Management Board recommend to member municipalities to exclude compostable and biodegradable plastics as allowable substitutions within single-use item reduction bylaws;<br>AND FURTHER THAT the Comox Strathcona Waste Management Board encourage visitors, residents and all businesses within the service area to restrict the use of single-use items by allocating \$8,000 in communication and educational resources from the 2020 budget from 391, general education and advertising;<br>AND FINALLY THAT the Comox Strathcona Waste Management Board direct staff to track the impact of the material bans for the purposes of reporting in the next Solid Waste Management Plan using business outreach and waste audit tools."  |
| Cowichan Valley Regional District                        | Cowichan Valley RD updated their SWMP in 2018, policy and support MM in SUI reduction strategies. No active MM pursuing bans at this time.  |
| qathet Regional District                                 | Let's Talk Trash with work with the City of PR on the creation of a single-use disposable product reduction strategy for the City of Powell River and report to Council at a future meeting.  |
| Regional District of Nanaimo                             | Advocating to the Province and Federal Government to take the lead on banning and/or regulating product of single-use items. The Town of Qualicum Beach has approved a ban on single-use plastic bags, the City of Parksville rejected a proposed ban and the City of Nanaimo is still waiting on final approval for a ban on single-use plastic bags. We believe there is stronger support and implementation if these products are regulated at a provincial and/or federal level.  |
| Sunshine Coast Regional District                         | Undecided at the moment, this first report is for information and we're planning on defining single use plastics as all of the above and later might have particular targets. As a regional district we won't be able to ban, but will likely take an advisory role for our member municipalities. Have been asked to look at the potential for a ban, still reviewing but they don't feel at this time that they have the authority. In 2019, advocated to Provincial and Federal Governments in support of provincial/federal regulations for single-use plastics including bans.   |
| Alberni-Clayoquot Regional District                      | Advocating the Province through a joint letter with other local governments regarding the Provincial Plastics Action Plan. The letter focussed on 5 areas with respect to this initiative: 1) Focus on Reduction and Reuse, 2) Clarify Local Government Authority, 3) Take a Phased Approach, 4) Improve EPR, 5) Ensure Internal and External Consultation.   |
| Alberni-Clayoquot Regional District - District of Tofino | Plastic Bylaw goes into enforcement effect 2020. Plans to add other items once there is information about provincial strategy and Supreme Court Review  |
| Mount Waddington Regional District                       | No action at this time.   |

| AVICC Member      | Member flat participation contribution | Total Waste Disposed (tonnes) used in 2016 Calculation | % AVICC Total Waste | Participant contribution based on % of waste disposed | Total Member contribution based on \$20,000 2016 budget | Total Member contribution based on \$12,500.00 2019 budget |
|-------------------|--|--|---------------------|---|---|--|
| Alberni-Clayoquot | 500.00                                 | 21,044   | 6.40%               | 992.19  | 1,492.19  | 996.10   |
| Capital           | 500.00                                 | 139,412  | 42.41%              | 6,573.06  | 7,073.06  | 3,786.53   |
| Comox Valley      | 500.00                                 | 39,427   | 11.99%              | 1,858.92  | 2,358.92  | 1,429.46   |
| Cowichan Valley   | 500.00                                 | 23,677   | 7.20%               | 1,116.33  | 1,616.33  | 1,058.17   |
| Mount Waddington  | 500.00                                 | 6,172  | 1.88%               | 291.00  | 791.00  | 645.50   |
| Nanaimo RD        | 500.00                                 | 51,782   | 15.75%              | 2,441.44  | 2,941.44  | 1,720.72   |
| qathet RD         | 500.00                                 | 9,242  | 2.81%               | 435.75  | 935.75  | 717.88   |
| Strathcona        | 500.00                                 | 27,723   | 8.43%               | 1,307.10  | 1,807.10  | 1,153.55   |
| Sunshine Coast    | 500.00                                 | 10,270   | 3.12%               | 484.21  | 984.21  | 742.11   |
| <b>Total</b>      | <b>\$4,500.00</b>                      | <b>328,749</b>   | <b>100%</b>         | <b>\$15,500.00</b>                                    | <b>\$20,000.00</b>                                      | <b>\$12,250.00</b>   |

20,000.00 2016/17 Contribution from RDs based on agreed formula

5,000.00 2017 TetraTech

2,275.00 2017 Illegal Dumping Video

4,000.00 2019 TetraTech Report on 2018 Metrics (invoiced Oct 2019 and Jan 2020) \_

6,568.82 2019 Forage Media videos for Recycle Right at Home campaign

17,843.82 Total Expenses to Date

2,156.18 Remaining from original contribution (AVICC covers staff time, travel, teleconference and catering costs)

Plus new Contribution

12,250.00 2019/20 Contribution from RDs based on same agreed formula

14,406.18 AVICC currently holding for future projects

## AVICC Special Committee on Solid Waste Management:

### RECYCLE RIGHT - AT HOME CAMPAIGN

**Summary:** Association of Vancouver Island and Coastal Communities (AVICC) Special Committee on Solid Waste Management Communications Working Group with partnership and collaboration from 8 regional districts (Alberni-Clayoquot Regional District, Capital Regional District, Comox-Stratcona Waste Management, Cowichan Valley Regional District, qathet Regional District, Regional District of Nanaimo, and Sunshine Coast Regional District) created and distributed videos/graphics for the “Recycle Right - At Home” campaign as a tool to educate all residents within each Regional District so everyone is getting the same information so that we can work together for the end result, which is to reduce, reuse and recycle responsibly and effectively at home.

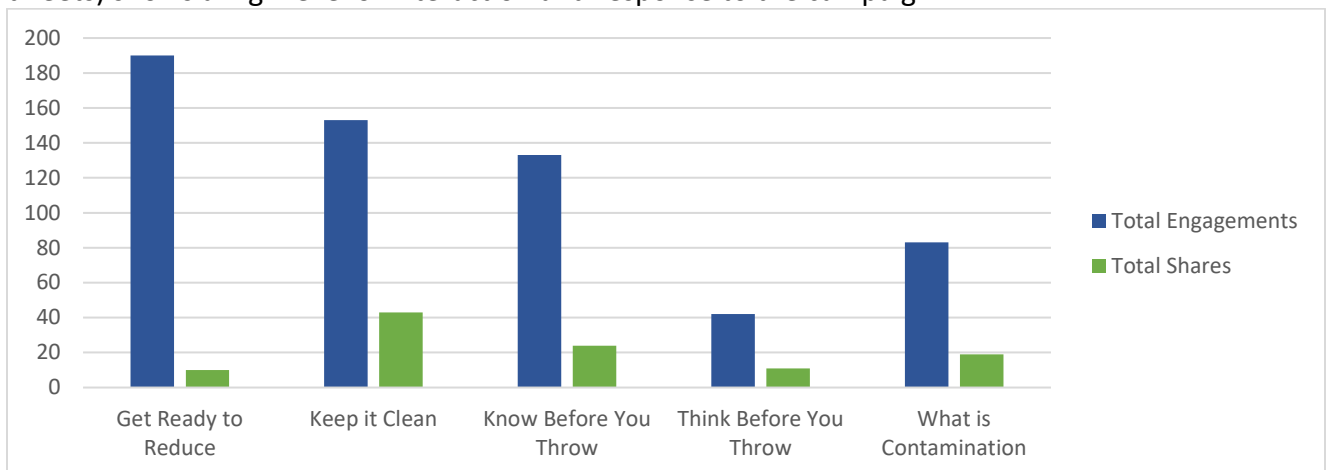
**Communication Tools:** Overall, the campaign was well received by all Regional Districts. The videos were shared through a number of different communication methods including:

- Regional District Websites
- Facebook
- Twitter
- Youtube
- New Releases

The posting of videos allowed for follow up questions and information sharing to residents. The videos and stills created for this campaign will continue to be a useful tool for Regional District to share in the future. While the videos were designed to be relevant to all AVICC residents, some were more tailored to curbside collection which is not available in all AVICC Regional Districts.

#### Outreach Statistics:

Using the various communication tools, Regional Districts were able to track data on the 5 videos. The data does not represent the number of views for the videos or visits to websites. However, the number of engagements (i.e. reactions, comments) and shares (including re-tweets) shows a high level of interaction and response to the campaign.



**Feedback:** The response and feedback from residents was overall positive. The topics were easy to understand and were frequently shared to increase the reach of this campaign. For future campaigns it is recommended to include municipalities in the roll-out to increase the messaging across all jurisdictions. Municipal members were pleased to see the videos and happy to have a helpful resource for their residents.

**Cost:** The campaign was entirely funded by the AVICC Special Committee on Solid Waste Management. The total cost of the campaign was \$5,368.82. Final costs were higher than the original quote to include customized videos for each regional district and video material expenses (i.e. reusable items and recycling bins).

**Deliverables:** Five videos and stills were created and customized to include AVICC and Regional District information at the end for more information. The videos are the property of all AVICC members.

#### Video 1: Get Ready to Reduce

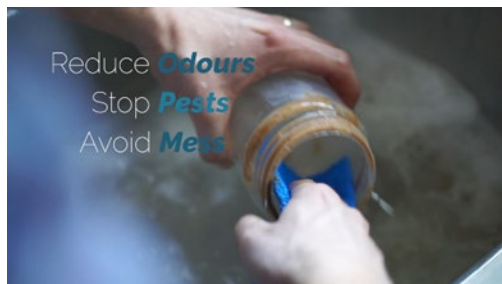


**Roll-out date: Week of April 22, 2019**

**Important Message:**

- Making small daily changes add up quickly
- Get ready to reduce and reuse – it will make a difference

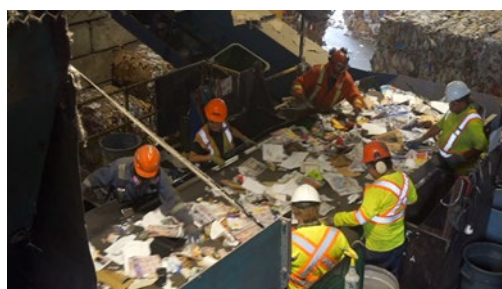
#### Video 2: Keep it Clean



**Roll-out date: Week of April 29, 2019**

**Important Message:**

- Rinsing plastic makes the container more recyclable and easier to deal with both at home and at recycling facilities.
- By giving your containers a quick swish in the dishwater, we can:
  - Reduce funky odours
  - Stop visits from pests
  - And avoid the hassle of a mess
  - Leaving stuff behind in your containers can damage machinery or hurt the workers who sort the recycling.
- Keep it clean – it will make a difference





### Video 3: What is Contamination



Roll-out date: Week of May 6, 2019

#### Important Message:

- Explain what Contamination is
- How contamination effects recycling
- 5 Common Contamination items
  - Garden Hoses
  - Styrofoam
  - Electronics
  - Glass
  - Film Plastics
- Explanation why these items are not accepted in curbside recycling

### Video 4: Know Before You Throw



Roll-out date: Week of May 13, 2019

#### Important Message:

- You'll make a difference when you know before you throw
- Sort your items into separate bins to be put out for curbside recycling, brought to a drop-off recycling depot, and donated for reuse
- Know before you throw – it will make a difference

### Video 5: Think Before You Throw

**WISHCYCLING**  
PUTTING NON-RECYCLABLE  
MATERIALS INTO THE RECYCLING STREAM  
HOPING THAT THEY CAN BE RECYCLED



Roll-out date: Week of May 20, 2019

#### Important Message:

- Recycling can be confusing, but knowing how to 'Recycle Right' is an important step we can all take in ensuring our recycling doesn't end up in a landfill

## **AVICC Member Links:**

Alberni-Clayquot Regional District

<https://www.acrd.bc.ca/recycle-right-at-home>

[Recycle Right at Home News Release](#)

Capital Regional District

<https://www.facebook.com/CapitalRegionalDistrict/videos/>

Comox Strathcona Waste Management

<https://www.cswm.ca/recycling/what-can-i-recycle>

<https://www.cswm.ca/recycling/curbside-recycling-organics-yard-waste-pick>

<https://www.cswm.ca/garbage/facilities-hours>

<https://www.cswm.ca/about/news/cswm-rolls-out-recycle-right-home-videos>

<https://www.youtube.com/channel/UCMPDSmBpL7vP2RkrgHXlmmg>

Cowichan Valley Regional District

[https://www.facebook.com/pg/mycvrd/videos/?ref=page\\_internal](https://www.facebook.com/pg/mycvrd/videos/?ref=page_internal)

<https://www.cvrld.bc.ca/78/Garbage-Recycling>

qathet Regional District

[https://www.facebook.com/pg/letstalktrashpr/videos/?ref=page\\_internal](https://www.facebook.com/pg/letstalktrashpr/videos/?ref=page_internal)

<http://letstalktrash.ca/lets-talk-trash-lends-you-a-hand-with-recycling/>

Regional District of Nanaimo

<https://www.rdn.bc.ca/recycle-right-home>

<https://twitter.com/RDNanaimo>

<https://www.facebook.com/RegionalDistrictofNanaimo/videos/>

<https://www.rdn.bc.ca/news-2019-05-14>

Sunshine Coast Regional District

<https://www.facebook.com/sunshinecoastrd/>

<https://twitter.com/SunshineCoastRD>

## **2019 RESOLUTION ENDORSED BY THE MEMBERSHIP**

### **ER1) AVICC Special Committee on Solid Waste Management**

**AVICC Executive**

WHEREAS the Association of Vancouver Island and Coastal Communities' (AVICC) Special Committee on Solid Waste Management, with representatives from nine regional districts, was formed in 2015 to research, prepare and present the findings and recommendations to the 2016 convention on this mandated service;

AND WHEREAS the Special Committee reported out to the AVICC membership at the 2016, 2017 and 2018 conventions, the membership endorsed the action plans and further directed the Special Committee to report back to the 2019 convention with outcomes;

THEREFORE BE IT RESOLVED THAT the AVICC endorses and supports the Special Committee's vision and goals as:

#### **Vision:**

That local governments on Vancouver Island, qathet and the Sunshine Coast are working together to address the opportunities and challenges of managing solid waste and our residents are aware of; support the need to reduce and manage our waste in a sustainable manner; and to work toward achieving zero-waste in our communities.

#### **Goals:**

1. Ensure information is shared between AVICC local governments to encourage best practices and common solutions in solid waste management and consistent messaging to our residents.
2. Collect and maintain appropriate and consistent data associated with solid waste management within the AVICC.
3. Support an informed and unified voice to assist efforts with the Province, NGOs and other partners in developing effective waste management solutions and policies.

AND BE IT FURTHER RESOLVED THAT the AVICC endorses and supports the continuation of the Special Committee on Solid Waste Management with areas of work focused on: Organics Management, Long-Term Disposal Options, and Single-Use Plastics;

AND FINALLY THAT regional district staff continue to discuss opportunities for collaboration and alignment related to those areas of work in the following areas:

1. Communication and Outreach
2. Mandatory Source Separation
3. Solid Waste Comparative Data
4. Disposal Bans
5. Varying Tipping Fees
6. Extended Producer Responsibility (EPR), and
7. Solid Waste Advanced Technologies

## 2020 RESOLUTIONS SUBMITTED TO AVICC FOR DEBATE

### **a) Funding for Clean Renewable Energy Projects**

### **Village of Cumberland**

WHEREAS the BC Hydro Standing Offer Program encouraging the development of new small and clean renewable energy projects was indefinitely suspended in 2019 after the Province's comprehensive review of BC Hydro;

AND WHEREAS renewable energy projects are a feasible revenue source for local governments:

THEREFORE BE IT RESOLVED that the AVICC & UBCM request that the Province of British Columbia reinstate the BC Hydro funding and electricity purchase program for renewable energy projects for local governments.

### **b) Circular Economy**

### **City of Nanaimo**

WHEREAS the Association of Vancouver Island and Coastal Communities has created a Special Committee for Solid Waste Management;

AND WHEREAS developing a circular economy is a vital component of sustainable solid waste management:

THEREFORE BE IT RESOLVED that the Association of Vancouver Island and Coastal Communities expand the terms of reference for their Special Committee on Solid Waste Management to include circular economy.

### **c) Regulation of Soft Plastics and Other Packaging Materials**

### **District of North Cowichan**

WHEREAS the Supreme Court of Canada has refused to hear the appeal of a BC Court of Appeal decision in *Canadian Plastic Bag Association v. Victoria (City)*, a decision which effectively limits the ability of local governments to regulate the use of soft plastics and other plastic packaging within their geographic jurisdictions;

AND WHEREAS some local governments see the need for such regulation:

THEREFORE BE IT RESOLVED that AVICC & UBCM request the provincial government to amend Section 9 of the *Community Charter* to expressly allow local government regulation of plastics and other packaging substances that may be considered environmentally deleterious.

**d) Amend Recycling Regulation to Include Mattresses and Bulky Furniture**

**RD of Nanaimo**

WHEREAS the inclusion of mattresses and bulky furniture in an Extended Producer Responsibility (EPR) program ensures the costs associated with recycling and disposal are borne by manufacturers;

AND WHEREAS an EPR program for mattresses would create jobs, divert materials that are difficult to manage at disposal facilities, save landfill space, reduce GHG emissions and save energy through recycling:

THEREFORE BE IT RESOLVED that AVICC & UBCM urge the Ministry of Environment and Climate Change Strategy to include mattresses and bulky furniture in an Extended Producer Responsibility program to shift the cost and responsibility of these materials from local governments to manufacturers.

**e) Expand Extended Producer Responsibility Programs**

**RD of Nanaimo**

WHEREAS eighteen Regional Districts met with the Minister of Environment and Climate Change Strategy at the 2019 UBCM Convention to petition the Ministry to amend the Recycling Regulation to include packaging and printed paper from the ICI sector;

AND WHEREAS Minister Heyman issued a letter December 18, 2019 responding to the request and noting that the Province recently undertook research and focused engagement concerning additional products that might prove suitable to manage under the Recycling Regulation, and that any work to explore regulatory amendments involving ICI materials would be accompanied by further consultation:

THEREFORE BE IT RESOLVED that UBCM thank the Minister of Environment and Climate Change Strategy for considering the 2019 Regional Districts' joint submission, and request the Province to commit to further consultation on the issue of amending the Recycling Regulation to include packaging and printed paper from the ICI sector.

**f) Harmonize BC Plastics Action Plan & Strategy on Zero-Plastic Waste**

**RD of Nanaimo**

WHEREAS the Ministry of Environment and Climate Change Strategy's Plastics Action Plan Policy Consultation Paper requested feedback regarding bans on single-use packaging, reducing and recycling more plastics, and higher returns of plastic bottles;

AND WHEREAS harmonization of the BC Plastics Action Plan and Canada-wide Strategy on Zero Plastic waste regulations regarding reduction of single-use plastics shifts the costs and responsibility of restricting single-use plastics from local governments to producers:

THEREFORE BE IT RESOLVED that AVICC & UBCM urge the Ministry of Environment and Climate Change Strategy to collaborate with the Canadian Council of Ministers of the Environment to ensure consistent regulations across Canada to reduce single-use products and increase producers' responsibility for end-of-life management of single-use products.

#### **g) Standards and Labelling of “Flushable” Wipes**

**RD of Nanaimo**

WHEREAS some items labelled as “flushable”, such as disposable wipes, cause significant problems in sewer systems, damaging infrastructure and risking environmental pollution;

AND WHEREAS public awareness and education campaigns sponsored by local governments can only partially mitigate the problem in the absence of consistent standards and proper labelling and advertising;

THEREFORE BE IT RESOLVED that UBCM work with FCM to advocate at the federal level for the development of clear standards for products labelled “flushable” and to increase regulatory oversight of labelling and advertising of such products.

#### **h) Marine Debris**

**Sunshine Coast RD**

WHEREAS a large volume of marine debris including plastics, styrofoam, components of boats, docks, and fishing gear is increasingly washing up on local shores which is environmentally damaging to marine environments, poses risks to fish and wildlife, creates a safety hazard for marine traffic, and places added pressure on communities to collect and haul shoreline marine debris to disposal facilities which is costly and logistically complex;

AND WHEREAS local governments have no jurisdiction on shorelines, as that is under the authority of the Province, and provincial efforts to increase producer responsibility for product stewardship have not been sufficient at reducing pollution caused by marine debris due to the diversity of materials and their often unknown source of origin:

THEREFORE BE IT RESOLVED that that AVICC & UBCM urge the provincial government to adequately resource and develop a provincial program to assist with marine debris shoreline clean-up efforts that focusses on increasing regulation and enforcement for sectors responsible for the majority of marine debris, expanding recycling options for commonly found materials such as styrofoam, and funding communities that are struggling to address significant marine debris pollution on their shorelines so that regular community-led shoreline clean-up events are supported and collected marine debris can be safely transported to disposal facilities.