

Municipality of North Cowichan

Environmental Advisory Committee

AGENDA

Thursday, September 23, 2021, 1:30 p.m.

Electronically

Pages

1. CALL TO ORDER

This meeting, though electronic, is open to the public and all representations to the Environmental Advisory Committee form part of the public record. At this time, due to the COVID-19 Pandemic, public access to meeting rooms at North Cowichan Municipal Hall is not permitted, however, this meeting may be viewed on the District's live stream webcast at www.northcowichan.ca/meetings.

2. APPROVAL OF AGENDA

Purpose: To consider any items of business not included in the Agenda, that are of an urgent nature, must be introduced and approved at the time the agenda is adopted. Matters must be taken up in the order that they are listed unless changed at this time.

Recommendation:

That the agenda be adopted as circulated [or as amended].

3. ADOPTION OF MINUTES

3 - 4

Purpose: To consider if there were any errors or omissions prior to adopting the minutes.

Recommendation:

That the Committee adopt the minutes of the meeting held August 17, 2021.

4. BUSINESS

4.1. Somenos Marsh Riparian Presentation (Workplan Subject A1)

5 - 17

Purpose: Paul Fletcher, President, Somenos Marsh Wildlife Society, to provide a presentation on the importance of riparian protection, to help inform future decisions from the EAC

4.2. Verbal report on Council's endorsement of the EAC workplan as presented August 18 and status of items in the workplan

18 - 25

Purpose: To provide an update to the Environmental Advisory Committee regarding the approved Workplan.

Motion from August 18, 2021 Council meeting:

THAT Council:

1. *Approve the Environmental Advisory Committee (EAC) 2021 Workplan, subject to the following items being removed from the Workplan and referred to the Cowichan Valley Regional District Airshed Roundtable:*
 - a. *C3.1 Woodstoves*
 - b. *C3.2 Backyard Burning*
2. *Direct staff to work with the EAC Chair to prioritize the items listed in Section A of the EAC Workplan for implementation in 2021.*

4.3. Single Use Plastics (Workplan Subject A2)

26 - 39

Purpose: Shaun Chadburn, Environmental Programs Coordinator, to provide background information on Recycling and Single Use Plastics Initiatives in BC and Canada

4.4. Next Meeting Date

Purpose: To advise the Committee that the Chair has called for a meeting to be held on Thursday, October 19, 2021 at 1:30 p.m.

5. NEW BUSINESS

6. ADJOURNMENT

Municipality of North Cowichan Environmental Advisory Committee MINUTES

**August 17, 2021, 1:30 p.m.
Electronically**

Members Present	Councillor Kate Marsh, Chair Neil Anderson Cam Campbell Bruce Coates (arrived at 1:42 p.m.) Per Dahlstrom Sandra McPherson Dr. Jesse Patterson (arrived at 1:41 p.m.) Dr. Geoffrey Strong
Members Absent	Dr. Jana Kotaska David Coulson Ashley Muckle Dr. Shannon Waters
Staff Present	David Conway, Director, Engineering Projects Dave Preikshot, Senior Environmental Specialist Shaun Chadburn, Environmental Programs Coordinator Tricia Mayea, Deputy Corporate Officer Theresa Dennison, Administrative Assistant to the Deputy CAO

1. CALL TO ORDER

There being a quorum present, the Chair called the meeting to order at 1:40 p.m.

IT WAS MOVED AND SECONDED:

That Sandy McPherson be appointed Vice Chair for this meeting in the event that the Chair has to leave the meeting. CARRIED

2. APPROVAL OF AGENDA

IT WAS MOVED AND SECONDED:

That the agenda be adopted as circulated. CARRIED

3. ADOPTION OF MINUTES

IT WAS MOVED AND SECONDED:

That the Committee adopt the minutes of the meeting held July 20, 2021. CARRIED

4. BUSINESS

4.1 Cowichan Watershed Board - OCP Feedback Letter for Information

IT WAS MOVED AND SECONDED:

That the Committee receive the OCP feedback letter from the Cowichan Watershed Board for information;

And That the Chair of the Environmental Advisory Committee be authorized to send a letter to the Cowichan Watershed Board thanking them for their valuable contribution;

And That the Environmental Advisory Committee endorses the OCP policy direction.

CARRIED

4.2 Somenos Marsh Wildlife Society - OCP Feedback Letter for Information

IT WAS MOVED AND SECONDED:

That the Committee receive the OCP feedback letter from the Somenos Marsh Wildlife Society for information;

And That the Chair of the Environmental Advisory Committee be authorized to send a letter to the Somenos Marsh Wildlife Society thanking them for their valuable contribution;

And That the Environmental Advisory Committee endorses the OCP policy direction.

CARRIED

4.3 Biodiversity Protection Policy

Staff collected input from the Committee on the consolidation of information and direction collected from the EAC members at the July 21, 2021 meeting regarding the Biodiversity Protection Policy.

Dr. Jesse Patterson left the meeting at 3:00 p.m. and returned at 4:15 p.m.

By unanimous consent the meeting recessed at 3:14 p.m. and reconvened at 3:22 p.m.

IT WAS MOVED AND SECONDED:

That the Environmental Advisory Committee recommends that Council accepts the scope of work for preparing a biodiversity protection policy as amended at the August 17, 2021 Environmental Advisory Committee meeting.

CARRIED

5. NEW BUSINESS

It was noted that the Lower Cowichan River Cleanup 2021 is on Sunday August 22, 2021 at 9:30 a.m., located at the Mini Big House, 5536 River Road, Duncan. It starts off with a Continental Breakfast and will wrap-up with a Barbecue lunch.

6. ADJOURNMENT

IT WAS MOVED AND SECONDED:

That the meeting be adjourned at 4:28 p.m.

Certified by Recording Secretary

Signed by Chair

Riparian Protection:

Meeting community and ecological needs



Heather Pritchard, RPF
November 18, 2020



Impacts in the Somenos watershed:

- Excessive nutrient loading
- Invasion of Parrot's Feather
- Reduced summer flows
- Decreased oxygen levels
- Increased water temperatures



➔ **Loss of fish populations in the lakes and creeks**

What does science say about riparian buffer widths?

Function	Full Range	Common Range
Bank stabilization	10 – 30 m	10 – 30 m
Sediment control	5 – 100 m	10 – 30 m
Reduce flood risk	20 – 150 m	20 – 150 m
Filter N, P	5 – 90 m	10 – 20 m
Stream temperature	10 – 70 m	10 – 30 m

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Sediment control	5 – 100 m	10 – 30 m
Reduce flood risk	20 – 150 m	20 – 150 m
Filter N, P	5 – 90 m	10 – 20 m
Stream temperature	10 – 70 m	10 – 30 m
Litter inputs	3 – 100 m	10 m
Large fallen trees	50 m	50 m

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Bank stabilization	10 – 30 m	10 – 30 m
Sediment control	5 – 100 m	10 – 30 m
Reduce flood risk	20 – 150 m	20 – 150 m
Filter N, P	5 – 90 m	10 – 20 m
Stream temperature	10 – 70 m	10 – 30 m
Litter inputs	3 – 100 m	10 m
Large fallen trees	50 m	50 m
Terrestrial species	10 – 500+ m	50+ m
Birds	45 – 200 m	100+ m
Amphibians, reptiles	120 – 300 m	120 – 300 m

How have other LGs improved riparian protection?

1. **Predetermined riparian protection setbacks** (Squamish, West Vancouver, Saanich, Courtenay)

- 30 m buffers on main streams
- 30 m for new developments
- 15 m in already developed areas
- 15 m on ephemeral watercourses

How have other LGs improved riparian protection?

2. **Riparian restoration** (Saanich)
3. **Connectivity** (Saanich, Cumberland)
4. **Wildlife habitat** (Cumberland, Whistler, Sechelt, West Vancouver, Saanich)
 - Wildlife and habitat inventories
 - Covenants

How have other LGs improved riparian protection?

- 5. **Blanket DPAs** (Cumberland, Whistler)
- 6. **Environmental impact studies** (Whistler, Courtenay)
- 7. **Habitat compensation**
- 8. **Education and incentives**

Somenos Marsh Wildlife Society:

- Planted 383 trees and shrubs
- Removed over 600 kg of garbage
- Landowner education for over 200 households
- Initiated a Citizen Science program
- 77% of survey respondents support MNC redirecting \$100K per year for restoration work in Somenos

Recommendations

1. Science-based predetermined setbacks

- 30 m buffer along main streams and in headwaters
- 20 m voluntary Stewardship Zone
- 15 m buffers on small ephemeral streams
- Graduated restoration program on converted lands

Recommendations

2. Emphasis on restoration

3. “Whole of watershed”

4. Riparian restoration in ALR

5. Performance-based targets

(e.g., to conduct restoration treatments within a minimum 10 m buffer along Somenos Creek by 2025)



Recommendations

6. Incentives for riparian restoration

- Riparian Tax Exemption
 - Community Charter s. 225
 - Local Government Act s. 811
- Carbon offsets

Moving forward...

1. Community engagement
2. Riparian working group



Report

Date August 18, 2021
To Council
From David Conway, Director, Engineering Projects
Subject 2021 Environmental Advisory Committee Workplan

File:

Endorsed:



Purpose

To consider the projects and initiatives proposed by the Environmental Advisory Committee for implementation in their 2021 Environmental Advisory Committee Workplan (the "Workplan").

Background

Since the Environmental Advisory Committee's (EAC) inception in February 2021, many agenda items have been referred by Council and/or suggested by staff, committee members and others for consideration by the EAC. Having reached the mid-point of 2021, staff have worked with the EAC to prioritize these items (Attachment 1).

Under the EAC's Terms of Reference,

- (1) Their role is to:
 - (a) Develop and integrate practical Climate Action and Energy Plan (CAEP) policies and programs through both the pending CAEP and Official Community Plan processes; and,
 - (b) Advise Council on other environmental issues, such as natural areas, watershed protection, air quality, climate adaptation, and other emerging issues referred by Council.
- (2) Meet six times per year, bi-monthly, or at the call of the Chair (Councillor Marsh). The meeting schedule for 2021 set by the EAC on February 16, 2021 (inaugural meeting), included six dates (March 16, April 20, May 18, June 22, September 23 and November 16). The Chair has called three special meetings (March 2, May 4 and July 20) for a total of eight meetings to date. In addition to the September and November meetings, a fourth special meeting is scheduled for August 17. Meetings run approximately three hours in length. However, this does not include meeting preparation time, such as reading and self-study, which members are likely spending so they can contribute towards valued recommendations.

Discussion

Staff are seeking Council direction on the proposed EAC work plan for the remainder of 2021 to ensure the planned environmental activities meet Council's strategic priorities, staff resources and expected EAC deliverables. The proposed Workplan (Attachment 1) breaks down potential items for consideration by the EAC into three categories:

Section A. Items referred by Council to the EAC for advice and input.

Section B. Items referred by Council and other parties to support Council's Strategic Plan priorities.

Section C. Items referred by other parties for potential consideration by the EAC.

Staff have included an additional column to the Workplan to provide Council with an update on the status of the various items, as applicable.

The EAC prioritized each item as *high, medium* and *low* priority within the above-noted categories and adopted the following recommendation to Council:

"The Environmental Advisory Committee recommends:

That Council endorse the amended EAC 2021 Workplan, and direct staff to schedule the subjects on future Environmental Advisory Committee agendas with first priority for subjects in Section A of the workplan."

- **Section A**

Three of the subjects under Section A are items that have been referred by Council to the EAC and are waiting to be placed on an upcoming agenda or additional information is required before including:

- (1) Somenos Marsh presentation on Riparian Protection [A1],
- (2) Ban on Single Use Plastics [A2], and
- (3) 3137 Henry Road rezoning application [A3].

The remaining three items [A4 to A6] in Section A have already been addressed or are in progress. Staff will work with the EAC Chair to include these matters on an upcoming EAC agenda as early as practical.

- **Section B**

Section B contains seven subjects that are in relation to Council's Strategic Plan. Three were considered to be of high or medium importance by the EAC [B1, B2 and B7]. The top priority identified by the EAC is the Biodiversity Protection Policy project [B1], which was discussed at a special EAC meeting held on July 20 and will be discussed further at the special meeting scheduled for August 17.

The review of the CAEP community grants and Terms of Reference [B3] being of medium priority does not mean that CAEP fund use, promotion, and disbursement of the CAEP grants will not occur in 2021. It means that a project to update the grant program and terms of reference for the fund may not occur in 2021.

- **Section C**

Section C lists six current matters or ideas raised by EAC members or submitted by others. Four are considered highly important by the EAC [C2, C3-2, C4 and C5], including input on the Forestry Review [C5].

As the Forestry Review's public engagement is still on pause and the resumption date is unknown, staff suggest this be removed from the 2021 EAC workplan and potentially revisited as part of proceeding with the review. When the review proceeds, Council could give clear direction to the EAC and staff on the scope of desired EAC involvement, and the EAC workplan could be amended

as required. Prior to directing EAC involvement, Council may wish to request a staff report with options on where and when EAC involvement may be most beneficial in the project methodology. The Forestry Review is a complex project involving government to government consultation with First Nations (ongoing), a broad, planned public engagement led by an external consulting firm (currently paused), as well as expert technical advice and guidance from UBC/3GreenTree and the Forestry Advisory Committee (currently suspended) on forestry operations and options. Clarity on what Council envisions the EAC contributing specifically, and where in the project process they would be asked to contribute, is important direction for staff and the retained consultants to receive. It is also important for the public to understand as it relates to their expectations for the overall process and opportunities to be engaged.

Summary and Conclusion

Council are asked to consider whether they wish to endorse the entire Workplan or just some of the items proposed in Sections B and C of the Workplan (in addition to Section A items), taking into consideration the anticipated time to respond to the referrals and the number of meetings possible between now and year-end. Council may wish to consider removing items to create EAC capacity for any emerging issues that are likely to arise and that the EAC is anticipating review of the draft CAEP upon its completion, which will be time consuming.

Options

Option 1 (recommended) THAT Council:

- (1) Approve the Environmental Advisory Committee (EAC) 2021 Workplan, subject to the following items being removed from the Workplan:
 - a. [Council to identify the item number and description of any item that is to be removed]; and
- (2) Direct staff to work with the EAC Chair to prioritize the items listed in Section A of the EAC Workplan for implementation in 2021.

- This option increases the likelihood that current issues of Council that have been referred to the EAC remain a priority and that the Workplan remains achievable with Council receiving timely input or recommendations from the EAC as desired. However, it may result in the deferral of other high priority tasks assigned by Council to staff until there is sufficient staff resource time available.

Option 2 THAT Council direct the Environmental Advisory Committee (EAC) to focus on the tasks referred by Council as listed in Section A of the 2021 EAC Workplan.

- This option acknowledges the magnitude of issues that the EAC is interested in and those aligned with Council's Strategic Plan but does not provide any direction to the committee beyond the current Council referrals.

Option 3 THAT Council endorse the 2021 EAC Workplan as proposed and attached to the August 18, 2021 report from the Director, Engineering Projects.

- This option allows for the most flexibility as it relates to the creation of EAC agendas and does not provide any guidance to staff or the EAC on Council's priorities.

Implications

Financial and Personnel - Referrals to the EAC do not have a direct financial impact, but they do require a significant investment of staff time for coordinating and publishing the agendas and meeting materials, reviewing the agenda with the Chair, attending the meeting, minute-taking and providing meeting support, and following-up on action items and writing reports to Council following meetings where resolutions occur.

Staff workload in relation to supporting the EAC has been greater than anticipated due to the number of meetings that have occurred. If Council endorsed the entire Workplan as proposed, this would continue to have an impact on Environmental Services and Legislative Services staff capacity for other initiatives and operational work. The scheduled meetings for the remainder of the year are unlikely to allow enough time for proper consideration and recommendation on all matters listed, so they would require more meetings than the three anticipated under the Terms of Reference.

Communications - Recommendations that may arise from the Workplan will have a need for communications if endorsed by Council. For example, a ban on single-use plastics would require extensive communication and staff effort to implement.

Recommendation

THAT Council:

- (1) Approve the Environmental Advisory Committee (EAC) 2021 Workplan, subject to the following items being removed from the Workplan:
 - a. [Council to identify the item number and description of any item that is to be removed]; and
- (2) Direct staff to work with the EAC Chair to prioritize the items listed in Section A of the EAC Workplan for implementation in 2021

Attachment: 2021 EAC Workplan

2021 EAC WORKPLAN

attachment 1

Subject	Item Description	Requestor	Date Requested	Strategic Plan Relation	EAC Importance(H,M,L)	EAC Comments	Status
A. THE FOLLOWING LIST RELATES TO SUBJECTS THAT HAVE BEEN REFERRED BY COUNCIL TO THE EAC FOR ADVICE							
Staff to schedule with EAC as Priority items for response							
A1	Somenos Marsh Presentation on Riparian Protection	Council	18-Nov-20	n/a	high	**Move to top of list	
A2	Ban on Single Use Plastics	Council	18-Mar-21	n/a	high		
A3	3137 Henry Road Rezoning application	Council	13-May-21	n/a	high	Waiting for referral response from ALC	
A4	Cowichan Land trust- OCP Feedback letter for information	Council	2-Jun-21	n/a	high	Included in June 22, 2021 EAC Agenda	Councillor Marsh to write a letter complimenting CLT on the detailed response.
A5	Seek input from the EAC regarding educational opportunities the DNC can host or share online as part of the forestry review	Council	16-Jun-21	n/a	high	Included in June 22, 2021 EAC Agenda	EAC determined that more discussion was desirable
A6	Advise EAC of CAEP Timelines set by Council	Council		n/a	high	Staff to inform EAC of timeline	completed. Waiting on draft plan

2021 EAC WORKPLAN

Strategic Plan							
Subject	Item Description	Requestor	Date Requested	Relation	EAC Importance(H,M,L)	EAC Comments	Status
B. THE FOLLOWING LIST RELATES TO SUBJECTS THAT HAVE BEEN IDENTIFIED IN COUNCIL'S STRATEGIC PLAN							
EAC to provide recommendation to Council							
B1	Biodiversity Protection Policy - Project Charter Review with Council and EAC	Council	21-Jun-21	Strategic plan and 2021 business plan for ENV	high	Schedule EAC - July 20, 2021 at 1:30 p.m.	referred by Council jun 21
B2	Generate draft policies pursuant to Council direction on CAEP actions	staff/council		Strategic plan and 2021 business plan for ENV	high	Anticipation following next draft of CAEP update	refer to A6
B7	Developing a Community Energy Utility Utilizing Solar Photo Voltaic	Peter Nix/Councillor Marsh	20-Nov-20	In Council Strategic Plan to research solar potential to replace fossil fuels	high		staff working on a related report expected September 21, 2021
B3	CAEP Community Grants/ TOR	Staff Initiated		Implementing the CAEP is in the Council strategic plan - update the terms of reference to be current	medium	Unless tied to CEA grant will be more of a medium priority	staff pursuing CEA grant with funder meeting July 6/21
B5	Cascadia Bioenergy - Cascadia Bioenergy is a renewable energy company focused on producing clean energy from local forestry resources. Our vision is to displace fossil fuels in power generation converting non-merchantable, post-harvest forest fibre into biocoal	Councillor Marsh	9-Mar-21	Exploring feasibility of District Energy systems is a Council priority	medium		

Subject	Item Description	Requestor	Date Requested	Strategic Plan Relation	EAC Importance(H,M,L)	EAC Comments	Status
B6	Dairy Farmer looking for land (or a longterm lease) and funding to install a biogas RNG digester.	Joshua Larson/ Councillor Marsh	5-Mar-21	Tangentially related to District Energy which is a council priority - also related to implementation of CAEP	medium		
B4	Cowichan Green Community Agricultural Center - solar panels on roof - community grant	Councillor Marsh	10-Dec-20	Related to Strategic plan in regards to renewable energy and implementing the CAEP	low	Staff to check with CGC to see what urgency is	

2021 EAC WORKPLAN

attachment 1

		Strategic Plan					
Subject	Item Description	Requestor	Date Requested	Relation	EAC Importance(H,M,L)	EAC Comments	Status
C. THE FOLLOWING LIST RELATES TO SUBJECTS THAT HAVE BEEN IDENTIFIED BY OTHERS							
EAC to review merit and provide recommendation to Council							
C2	Native Plant Demonstration Project on the Beverly St. Dyke	Bruce Coates (EAC member and Cow	27-Nov-20		high	Lump in with discussion about biodiversity when meet on July 20, 2021	
C3-2	Backyard Burning	Councillor Marsh	24-Dec-20		High	Airshed Roundtable EAC statement to continue focus and funding Update policy on Backyard Burning	
C4	Bees and Natural Resources	Council/Tanis Bapty	26-Apr-21		high	Lump in with discussion about biodiversity when meet on July 20, 2021	
C5	EAC Input on Forestry Review	Councillor Marsh	16-Jun-21		high		this issue potentially goes beyond the referral of educational opportunities.
C3-1	Woodstoves	Councillor Marsh	24-Dec-20		medium		
C1	Green Hydrogen Generation in Alberta	Neil Anderson (EAC member)	44258		low	In conjunction with discussions of eco-industrial park	

Banning Single Use Plastics

September 23, 2021 - Environmental Advisory Committee Meeting

Shaun Chadburn, BSc.
Environmental Programs Coordinator
Municipality of North Cowichan

Outline

- Background
- Provincial/Federal Government Direction
- Extended Producer Responsibility (EPR) Systems in BC
- Recycling in BC
- Single Use Plastics Bans In Other Jurisdictions
- Summary and Other Considerations

Background

- *Every year, Canadians throw away over 3 million tonnes of plastic waste. This represents up to \$8 billion per year in lost value and wastes valuable resources and energy **
- *About one-third of the plastics used in Canada are for single-use or short-lived products and packaging. In fact, in Canada, up to 15 billion plastic bags are used every year and close to 57 million straws are used daily **

* Government of Canada, 2019

Background Cont'd

- Previously, municipalities in BC required ministerial approval to regulate single use plastics.
- The Provincial Government has recently amended a regulation under the Community Charter to allow local governments to ban single-use plastics, including plastic checkout bags, polystyrene foam containers and plastic utensils, which includes stir sticks.

BC Government Direction

Clean BC - Plastic's Action Plan:

- Bans on single use packaging
- Dramatically reduce single use plastic in landfills and waterways
- Expand plastic bottle and beverage container returns
- Reducing plastic overall



Federal Government Direction

Over 10 federal acts, regulations and agreements that prevent plastic waste and marine litter

Targets:

- *Ban harmful single use plastics as early as 2021*
- *Achieve the goal of zero plastic waste by 2030.*
- *Introduce standards and targets for companies that manufacture or sell items with plastics packaging.*

Extended Producer Responsibility (EPR) Systems

- EPR requires producers to take responsibility for designated products, including collection and recycling
- Fall under Provincial Legislation:
*Environmental Management Act-
Recycling Regulation*



Recycle BC Stewardship Program

- *Non-for-Profit organization that provides residential recycling services to households across BC.*
- *Only Full EPR program in North America for Packaging and Printed Paper.*
- **99.2%** of BC now has access to recycling (176 communities - including 44 First nations communities).
- **85.8 %** recovery rate of recyclable items.
- **More than 97%** of plastics collected in BC are sold to end markets in BC.

Recycle BC – Single Use Plastics

Acceptable for Recycling **At Depots:**

- Bags for groceries or dry cleaning, bread, newspapers and flyers
- Bags for produce, dry bulk foods and frozen vegetables
- Outer bags and wrap for diapers, feminine hygiene products, paper towels, tissues and soft drink can flats
- Bags for water softener salt and garden products
- Overwrap on mattresses, furniture and electronic equipment

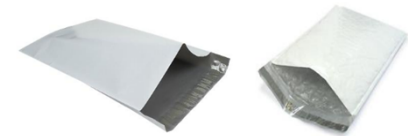
Recyclable: *Plastic bags are recycled into new grocery bags, plastic pallets, containers, crates, pipes, decking and park benches.*

Recycle BC – Single Use Plastics

"Other Flexible Plastic Packaging"

- Types of film and flexible plastics that often include multiple layers of different types of plastic, making it more difficult to recycle.
- Includes stand-up and zipper lock pouches, crinkly wrappers and bags, flexible packaging with seal, woven and net plastic bags, and non-food protective packaging.
- In R&D Phase – Currently being collected at Recycle BC Depots and turned into engineered fuels.

Plastic shipping envelopes



Onion net bags



Industry - Canada Plastics Pact (CPP).

Targets:

- Define a list of plastic packaging that is to be designated as problematic or unnecessary and take measures to eliminate them by 2025
- Support efforts towards 100% of plastic packaging being designed to be reusable, recyclable or compostable by 2025
- Undertake ambitious actions to ensure that at least 50% of plastic packaging is effectively recycled or composted by 2025
- Ensure an average of at least 30% recycled content across all plastic packaging (by weight) by 2025

Other Jurisdictions

More than 20 local governments in BC have implemented Single Use Plastic Bans. In general, most local governments who have implemented bans:

- Prohibit distribution of plastic checkout bags and styrofoam cups/containers. Select municipalities also chose to prohibit plastic straws.
- Provide a minimum fee for businesses selling re-useable (\$2.00) and paper bags (\$0.25))
- Have implemented substantial engagement and educations programs with local businesses prior to bylaw development.
- Have a fine ranging from \$100-\$10,000.

Other Considerations and Summary

- Recycle BC Program is one of the best in North America and is making progress in many area's related to single use plastics design, collection, diversion, recycling and end markets.
- BC Government - Clean BC Plastics Plan has many commitments in relation to single use plastics.
- Federal Government has strong commitments including "Ban harmful single use plastics as early as 2021".
- Cowichan Valley Regional District and City of Duncan would not be subject to a ban in MNC. A coordinated approach, including significant engagement with the business community, should be considered if MNC wanted to proceed with a ban.
- Resources will be required for development of a bylaw, engagement, and enforcement.

Questions ?

Huy ch q'u | Thank you

Shaun Chadburn
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