



SOLID WASTE MANAGEMENT PLAN PUBLIC & TECHNICAL ADVISORY COMMITTEE

**Tuesday, June 6, 2023
1975 Field Road, Sechelt, B.C.**

AGENDA

CALL TO ORDER 3:30 p.m.

AGENDA

1. Adoption of Agenda

MINUTES

2. Adoption of the Meeting Minutes from April 25, 2023

Annex A
p2-3

PRESENTATIONS AND DELEGATIONS

BUSINESS ARISING FROM MINUTES AND UNFINISHED BUSINESS

REPORTS

3. Guiding Principles and Plan Evaluation Criteria
Veronica Bartlett, Morrison Hershfield
4. Engagement Update
Manager, Solid Waste Services
5. Landfill Closure Timeline
Manager, Solid Waste Services

Annex B
p4-8
Verbal
Verbal

COMMUNICATIONS

6. Metro Vancouver Solid Waste Management Plan Update

Annex C
p9-10

NEW BUSINESS

NEXT MEETING: September 12, 2023

ADJOURNMENT

**SUNSHINE COAST REGIONAL DISTRICT
SOLID WASTE MANAGEMENT PLAN
PUBLIC AND TECHNICAL ADVISORY COMMITTEE**

Tuesday, April 25, 2023

RECOMMENDATIONS FROM THE SOLID WASTE MANAGEMENT PLAN PUBLIC AND TECHNICAL ADVISORY COMMITTEE MEETING HELD IN THE CEDAR ROOM, 1975 FIELD ROAD, SECHLT, BC

PRESENT:

(Voting Members)

Chair
Vice Chair
Director, Electoral Area E
Members

J. Sutherland
D. Reeve
D. McMahon
J. Walton
M. Ernst
N. Brenchley
P. Robson
S. Selzer

ALSO PRESENT:

(Non-Voting)

Director, Electoral Area A
Director, Electoral Area D
Manager, Solid Waste Services
Solid Waste Operations Coordinator
Recorder

L. Lee
K. Backs
M. Sole
A. Patrao
R. Newland

REGRETS:

Members

A. Joe
E. Turner
E. Machado
S. Van Poppelen

CALL TO ORDER

2:30 p.m.

AGENDA

The agenda was adopted as presented.

MINUTES

The minutes of the February 28, 2023, Solid Waste Management Plan Public and Technical Advisory Committee meeting were accepted as circulated.

REPORTS

Introductions were given

Veronica Bartlett and Carey McIver, representatives of Morrison Hershfield, provided a presentation on the Solid Waste Management Plan Update and Status Report, which included the following:

- Plan update overview
- How waste and recyclables are currently managed
- Vision, goals, and Guiding Principles
- Gap analysis findings and identified opportunities / issues
- Emerging opportunities / issues
- Next Steps
 - Engagement Period 1 is anticipated to start in early May
 - Staff have asked for Board direction to formally initiate the plan update process
 - This initial engagement will help set the plan direction by seeking feedback on guiding principles and priorities for solid waste management in the region
 - Later this year:
 - Evaluate options to support waste diversion
 - Staff will present future waste disposal options

Discussion included the following:

- Recycling changes vs. policy on the Sunshine Coast
- Businesses not following regulations and what is the recourse?
- Disposal vs. diversion rates
- The need for education and enforcement

NEXT MEETING June 6, 2023

ADJOURNMENT 5:05 p.m.

TO: Marc Sole, Manager of Solid Waste Services
Sunshine Coast Regional District

FROM: Veronica Bartlett,
Morrison Hershfield

PROJECT No.: 220277800

RE: Proposed Guiding Principles and Evaluation Approach
for the SCRD's SWMP Review and Update

DATE: May 30, 2023

X:\PROJ\2022\220277800-SCRD SWMP REVIEW AND UPDATE\08. WORKING\EVALUATION MEMO\2023-MAY-30 SCRD SWMP GUIDING PRINCIPLES EVALUATION APPROACH
MEMO FINAL.DOCX

1 BACKGROUND AND SCOPE

All regional districts in BC are required to have a solid waste management plan (SWMP, or the Plan), which describes how a region will manage garbage, recycling, and organic waste programs and services for a ten-year period. The Sunshine Coast Regional District (SCRD) is due to update its SWMP. The update process follows steps described by the BC Ministry of Environment and Climate Change Strategy (the MOE) in the 2016 A Guide to Solid Waste Management Planning.

The Public and Technical Advisory Committee (PTAC) is a group of residents, stakeholders and technical advisors that will provide feedback, input and ideas to help guide the creation of the SWMP. The PTAC met on April 25, 2023 to discuss the current waste management system and the system review report developed by Morrison Hershfield (MH). The report identified emerging issues and opportunities that should be considered in the SWMP update (refer to Appendix A).

The purpose of this Memorandum (memo) is to present two introductory topics for the PTAC's consideration:

- A set of proposed guiding principles that can be used to provide an overall direction to the SWMP development – Refer to Section 2.
- A proposed approach to evaluating potential strategies for the SWMP – Refer to Section 3.

All PTAC members will have an opportunity to provide feedback on the guiding principles and the evaluation approach at the meeting on June 6 before they are finalized.

2 PROPOSED GUIDING PRINCIPLES

The MOE has developed eight provincial guiding principles for regional districts to follow in developing their SWMPs. Regional districts can also include additional locally relevant guiding principles in their plans.

After a discussion about the suitability of the MOE's guiding principles with PTAC on April 25, 2023, all eight guiding principles were adopted in principle to guide the planning process. The PTAC wanted to add language to better reflect the region's vision to *seek local recycling and waste solutions, support local jobs, reduce greenhouse gas (GHG) impacts and increase the region's climate resilience*.

The following are proposed guiding principles for the creation of the region's new SWMP and these will set the tone and direction of proposed strategies:

1. Engage with the community about waste reduction through education and outreach

The SCRD is committed to promoting waste reduction, wherever practical to help minimize waste generation and enable the sustainable use and reuse of products and materials. The SCRD wants to support a shift in thinking from waste as a residual needing landfilling to waste as a resource that can be used locally as part of a circular economy and support local jobs.

2. Focus on the first 3 Rs (Reduce, Reuse and Recycle)

The SCRD wants to emphasize the importance of waste prevention and diversion (recycling and organics diversion) by prioritizing the first 3 Rs in the 5 R pollution prevention hierarchy¹.

3. Maximize beneficial use of waste materials, such as turning food waste into compost

The SCRD wants to maximize beneficial use of waste materials through local solutions, if possible. Organics diversion preserves landfill capacity and produces a beneficial end product (compost), which can improve soil health when applied to land.

4. Support polluter-pay approaches for fees instead of tax increases

The system must be operated in accordance with the “user pay” principle. In terms of this plan, this principle requires a system of cost recovery through the provision of user-fees and enforcement of disposal bans.

5. Prevent organics and recyclables from going in the garbage

The SCRD wants to discourage organics and recyclables from going into the garbage. The new SWMP will reinforce behaviours to reduce, reuse and recycle. Preventing and diverting organics from disposal will reduce landfill-generated GHGs.

6. Develop collaborative partnerships with interested parties to achieve waste diversion targets

The SCRD will collaborate with interested parties, wherever it makes sense during Plan implementation (e.g., collaboration with other regional districts for emergency debris management to increase climate resilience, etc.). All waste and recycling sector service providers, not-for-profit organizations, product stewardship agencies, and waste generators are key contributors for achieving the region’s targets. The Plan will identify opportunities to improve partnerships with system users to achieve regional targets.

7. Explore options that promote cost-effective waste management on the Sunshine Coast

The SCRD wants to focus on finding cost-effective solutions, such as improving operational efficiency of the current regional solid waste system.

8. Minimize environmental impacts through reducing GHG emissions from the landfill and promoting proper disposal

The SCRD wants to manage all waste materials using best practices to limit GHG emissions and protect the environment.

¹ The 5 R pollution prevention hierarchy refers to Reduce, Reuse, Recycle, Recover, Residuals Management.

9. Establish a more equitable playing field for waste disposal across the region

Solid waste management facilities within a given region should be subject to similar requirements. This can be done through regulations.

3 PROPOSED APPROACH FOR EVALUATING STRATEGIES

A SWMP includes a suite of strategies aimed to address the identified issues and opportunities. A strategy is typically high-level and strategic in nature with specific initiatives involved. For example, PTAC may want to see “Improved prevention of illegal dumping”. The strategy would include some key initiatives (actions) suggested to be part of strategy implementation. Before deciding which strategies to include in the new SWMP, we need to agree on the basis for evaluating them.

MH has developed a proposed evaluation approach to compare different strategies for updating the SWMP. The evaluation criteria was developed based on MOE guidance and PTAC feedback obtained at the meeting on April 25, 2023.

The evaluation criteria were selected to better compare how the strategies perform (financially, environmentally and their community impact). Figure 1 shows the proposed criteria MH can use when identifying impacts of different strategies.

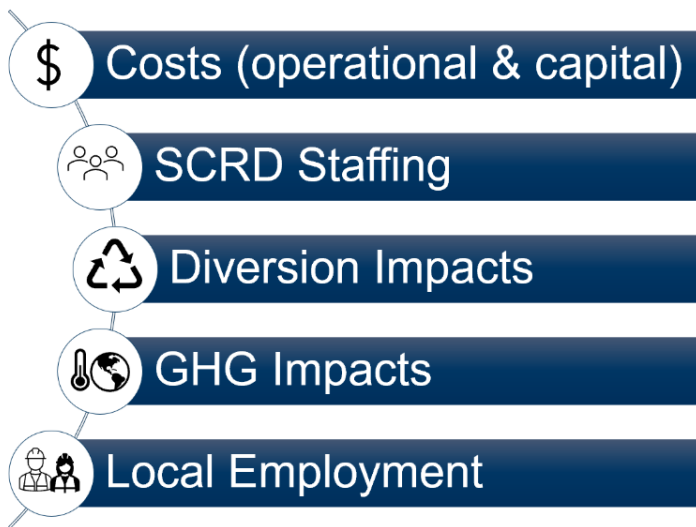


Figure 1: Proposed Indicators for Strategy Evaluation

SWMPs include information about costs and staffing. MH will identify if any ongoing operational costs and capital costs are needed and the approximate timing of the expenditures. Staffing implications will be highlighted for each strategy as the estimated expected annual effort required by SCRD staff.

We suggest including the diversion impact in terms of how a strategy may decrease the disposal rate in kg per capita. This will be estimated based on the waste materials targeted, current waste composition data and a best guess as to how successful the proposed strategy will be to divert waste.

GHG emission reductions will focus only on organics diversion, as indirect GHG impacts from increased reuse and recycling would require detailed analysis that is not possible at this time. MH will also identify when a strategy supports local job creation. This will not be quantified, but instead simply identified as having a positive impact on local jobs.

The SCRD is looking at siting new facilities (e.g., a new landfill or a transfer station) and separate evaluation criteria would need to be developed to inform facility siting.

4 CLOSING

The Sunshine Coast Regional District retained Morrison Hershfield to conduct the work described in this report, and this report has been prepared solely for this purpose.

This document, the information it contains, the information and basis on which it relies, and factors associated with implementation of suggestions contained in this report are subject to changes that are beyond the control of the author. The information provided by others is believed to be accurate and may not have been verified.

Morrison Hershfield does not accept responsibility for the use of this report for any purpose other than that stated above and does not accept responsibility to any third party for the use, in whole or in part, of the contents of this document. This report should be understood in its entirety, since sections taken out of context could lead to misinterpretation.

We trust the information presented in this report meets Sunshine Coast Regional District's. If you have any questions or need additional details, please do not hesitate to contact one of the undersigned.

Morrison Hershfield Limited

Prepared by:



Veronica Bartlett, M.Sc.
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Reviewed By:



Todd Baker, P.Eng.
Senior Environmental Engineer
Waste Practice Lead
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APPENDIX A: LIST OF IDENTIFIED ISSUES AND OPPORTUNITIES

Waste Prevention & Diversion:

- Limited curbside recycling collection in some areas for residents and/ or commercial users
- Improved regulatory requirements for ICI diversion
- Enforcement of solid waste bylaws and disposal regulations
- Action to prevent single-use plastics
- Improve circular economy opportunities for local recyclers
- Need for more provincial product stewardship programs
- Explore alternative recycling options for landfilled waste
- Tourist waste
- Tipping fees to encourage waste prevention and diversion

Construction Demolition Renovation (CDR) Sector & Non-Sector-Specific

- Diversion of CDR wastes
- Illegal dumping and marine debris
- Invasive species management

Residual Waste Management & System Financing

- Siting of a potential new landfill or waste export transfer station
- Rising cost of landfill operations – system funding

Office of the Chair
Tel. 604-432-6215 or via Email
CAOAdministration@metrovancover.org

March 30, 2023

File: PE-13-01

Chair Leonard Lee and Board of Directors
Sunshine Coast Regional District
1975 Field Road
Sechelt, BC V7Z 0A8
VIA EMAIL: info@scrd.ca

Dear Chair Lee and Board of Directors:

**Vision and Guiding Principles Engagement:
Metro Vancouver's Solid Waste Management Plan Update**

Metro Vancouver is updating its solid waste management plan, a long-term strategic plan that guides our region's policies and collective actions over the next decade and beyond. At this time, Metro Vancouver is launching engagement on the development of the vision and guiding principles for the updated plan, and would like to invite Sunshine Coast Regional District to provide feedback at this phase of the plan's development.

Solid Waste Management Plan Update

Regional districts are required by the Province to develop, and submit for approval, plans for the management of municipal solid waste and recyclable materials. Building on the strengths of the current *Integrated Solid Waste and Resource Management Plan* that was approved by the Province in 2011, Metro Vancouver will be updating its solid waste management plan and identifying opportunities to accelerate waste reduction and diversion. In doing so, significant consideration will be given to reducing greenhouse gases and promoting a circular economy. In the meantime, work to advance waste reduction and recycling in the region will continue to progress during the solid waste management plan update process.

Metro Vancouver conducted pre-engagement work in 2021 and continues to actively engage with governments – including First Nations and member jurisdictions – government agencies, waste and recycling industry, waste producers, businesses, communities of interest, and Metro Vancouver residents to guide updates to the plan over the next 2-3 years. An [Engagement Panel](#) supports the development and implementation of the public engagement program. The two [Advisory Committees](#), Solid Waste Management Plan Public/Technical Advisory Committee and Solid Waste and Recycling Industry Advisory Committee, provide ongoing advice and support.

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The [engagement webpage](#) contains information on previous and current phases of engagement (visit metrovancover.org, and search 'solid waste management plan engagement').

Seeking Your Feedback - Vision and Guiding Principles

Metro Vancouver is engaging on the vision and guiding principles for the updated solid waste management plan. The vision and guiding principles will set the plan's foundation as well as direction, and reflect fundamental values that guide the plan's development and implementation. Inputs and inspiration will include existing vision statements and guiding principles from Metro Vancouver, the Province, and leading jurisdictions worldwide, complemented by engagement feedback.

Below are several opportunities available to provide feedback on the development of a vision and guiding principles for the updated solid waste management plan:


- Presentation to the Sunshine Coast Regional District Board.
- Meeting with Metro Vancouver.
- Meeting with Metro Vancouver's Independent Consultation and Engagement Panel.

In addition to the above options listed, Metro Vancouver will engage with Sunshine Coast Regional District at its preference.

If you have questions or comments about the review and update of Metro Vancouver's solid waste management plan, require additional information, or wish to schedule a meeting or presentation with Metro Vancouver or the Engagement Panel, please contact Paul Henderson, General Manager, Solid Waste Services, by email at Paul.Henderson@metrovancover.org.

Thank you in advance for your consideration.

Yours sincerely,



George V. Harvie
Chair, Metro Vancouver Board

GVH/SK/PH/sI



Sarah Kirby-Yung
Chair, Zero Waste Committee

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