

**METRO VANCOUVER REGIONAL DISTRICT  
SOLID WASTE AND RECYCLING INDUSTRY ADVISORY COMMITTEE MEETING**

Minutes of the Regular Meeting of the Solid Waste and Recycling Industry Advisory Committee Meeting held at 2:00 p.m. on Tuesday, February 6, 2024, via Zoom Video Conference.

**MEMBERS PRESENT:**

Craig Hodge, Director, Metro Vancouver Board of Directors (Co-Chair)	Jamie Kaminski, HSR Zero Waste
Lori Bryan, Waste Management Assoc. of BC (Co-Chair)	Sean Kawakami, Convertus Canada Ltd.
Izzie Abrams, Waste Connections of Canada	Leanne Koehn, Ridge Meadows Recycling Society
Edwin Berkhof, Evergen Infrastructure Corp	Mike Lannin, Super Save Group
Ken Carrusca, Cement Association of Canada	Achilles Mallari, Sierra Waste Services Ltd.
Jeremy Crawford, Waste Control Services Inc.	Matthew McAra, GFL Environmental Inc.
Christian Dietrich, Ecowaste Industries	Ralph McRae, Revolution
Grant Hankins, Waste Management Assoc. of BC	David Millman, Waste Management Association of Canada
Josh Jansen Vandoorn, Anaconda Systems Ltd.	Sandy Sigmund, Encorp Pacific Canada
James Collins, Tymac Launch Service Ltd.	Pinky Vargas, Republic Services
	Michael Zarbl, Major Appliances Recycling Roundtable

**MEMBERS ABSENT**

Taufiq Ahmadi, Maple Leave Disposal	Maya Moucachen, Merlin Plastics
Gord Johnson, Empower Environmental/Northstar	Dimitri Pantazopoulos (Alternate), Waste Connections of Canada
Aiden Kiani, Lock-Block Ltd.	Shad Prasad, Cascade Recovery+
Jacqueline Lotzkar, Pacific Metals Recycling Inc.	Nicole Stefenelli, Urban Impact Recycling
	Nicole Victor, Covanta

**GUEST SPEAKERS:**

Todd Baker, Morrison Hershfield  
Eva Robertson, Morrison Hershfield

**METRO VANCOUVER (MV) AND CITY OF VANCOUVER STAFF:**

Allen Jensen, Senior Engineer, Solid Waste Services  
Chris Underwood, Division Manager, Solid Waste Planning  
Lynne Vidler, Senior Engineer, Solid Waste Services  
Nanette van Doorn, Communications and Engagement Consultant, Solid Waste Services  
Paul Henderson, General Manager, Solid Waste Services  
Samantha Joy, Engagement Specialist, Solid Waste Services  
Stephanie Liu, Program Manager, Community Engagement  
Terry Fulton, Senior Engineer, Solid Waste Services  
Zeenia Mizan, Communications Officer, Strategy and Stakeholder Relations, Solid Waste Services

**PREPARATION OF MINUTES:** Justine Wiklo, Raincoast Ventures Ltd.

# Solid Waste and Recycling Industry Advisory Committee Meeting

February 6, 2024  
2:00 PM – 4:00 PM  
Zoom

## Agenda

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1. Agenda
  - 1.1. February 6, 2024, Meeting Agenda
2. Minutes
  - 2.1. January 9, 2024, Meeting Minutes
3. Draft IAC Work Plan – Voting Item
4. Reports
  - 4.1. Concrete and Asphalt Recycling Opportunities Review
  - 4.2. Residuals Management Options Review
5. Next Steps
  - 5.1. 2024 IAC Call for Membership Submissions
  - 5.2. Waste-To-Energy Facility Tour Opportunity
6. Other Business
  - 6.1. Zero Waste Committee Updates
7. Information Items
  - 7.1. IAC January 2024 Meeting – Small Groups Discussion Feedback Survey
  - 7.2. 2024 Draft Work Plan
  - 7.3. Regional Waste Flows

## MEETING MINUTES

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Co-Chair Lori Bryan called the meeting to order at 2:03 p.m. and welcomed attendees to the Solid Waste and Recycling Industry Advisory Committee meeting. Participants were reminded to use the Zoom “raise hand” function to provide questions or comments or for any voting that might be required, and to ensure their names were correctly identified in the participant list.

### 1. AGENDA

#### 1.1 February 6, 2024, Meeting Agenda

Co-Chair Bryan reviewed the February 6, 2024, meeting agenda. No additions were made.

### 2. MINUTES

#### 2.1 January 9, 2024, Meeting Minutes

Co-Chair Bryan called for any additions or changes to the meeting Minutes of January 9, 2024.

There were no changes or additions to the meeting Minutes of January 9, 2024.

### 3. DRAFT 2024 IAC WORK PLAN – VOTING ITEM

Co-Chair Bryan noted that during the discussion groups at the January 9, 2024, Industry Advisory Committee meeting, Committee members had the opportunity to report back with input and recommendations for the 2024 Industry Advisory Committee Work Plan. The Draft Work Plan was shared on screen, with descriptions of how each item would be approached.

Paul Henderson, General Manager, Solid Waste Services, Metro Vancouver, noted that this is a draft developed with feedback from the small-group breakout room discussions in the previous meeting. Additional comments were offered regarding:

- It is up to the committee to determine how they want to approach topic areas. The draft work-plan shows a range of topics and a potential approach for exploring the issues.
- There are some items that make sense for small group discussions, some for plenary sessions, and staff’s suggestion is that the issue of residuals management/competition would be best dealt with through a working sub-group.

Co-Chair Bryan invited the Industry Advisory Committee members to note any additions or amendments to the draft work plan. Discussion ensued, and the following comments were offered:

- Suggestion that four additional topics be added to the 2024 Work Plan:
  - Disposal contracts, recycling statistics, generator levy, and solid waste capital programs
- Comment that the solid waste management plan update progress could be highlighted in the 2024 Work Plan and its timeline could be accelerated
- Clarification that the solid waste management plan update is currently in the Vision and Guiding Principles phase and that it will soon be moving to Idea Generation
- The draft Vision and Guiding Principles for the solid waste management plan update is planned to be presented to the Industry Advisory Committee at the April 2024 meeting

- Procurement processes and capital budget expenditures were added to the list of items for discussion by a working group, in combination with the generator levy, long-term disposal planning, and other related topics.
- Advancing Circular Economy could be considered as its own topic
- It is important to understand how recycling statistics are calculated
- In response to a member query on a deadline for the updated solid waste management plan, it was advised that there is no specific deadline, but the expectation is that the update will take an additional two to three years
- Concern that as large-scale solid waste projects are underway, these could be affected by the solid waste management plan update, and the long timeline could result in a misalignment:
  - Any projects underway are under the current solid waste management plan, and the updated plan is intended to enhance the existing one
- The prioritization of the solid waste management plan update timeline could be included for discussion, to identify how this work can be accelerated

**It was MOVED and SECONDED**

That the Solid Waste and Recycling Industry Advisory Committee approve the following additions to the 2024 Work Plan:

- Separation of Advancing Circular Economy to its own item
- Addition of Contingency Disposal Procurement Process, Generator Levy, and Capital Expenditures
- Addition of, Prioritizing the Timeline for the solid waste management plan update.

**CARRIED**

**It was MOVED and SECONDED**

That the Solid Waste and Recycling Industry Advisory Committee approve the 2024 Work Plan as amended.

**CARRIED**

**4. REPORTS**

Paul Henderson introduced Eva Robertson and Todd Baker from Morrison Hershfield, who have been contracted to provide consulting services on two studies to be presented to the Industry Advisory Committee for feedback and involvement.

**4.1 Concrete and Asphalt Recycling Opportunities Review**

Eva Robertson provided a presentation titled, *“Concrete and Asphalt Recycling Opportunities Review”*, with the following highlights:

- Purpose of the presentation is to review the draft scope of work, get feedback and input, and identify opportunities for involvement from Industry Advisory Committee members
- The objective of the study is to identify options to reduce the downcycling of concrete and asphalt waste, by identifying barriers and solutions
- The study will determine best practices and leading-edge opportunities, while assessing the business case and related risks
- In 2021, 1.2 million tonnes of concrete and asphalt were recycled, with a recycling rate of 98%
- Proposed tasks include:

- A literature review on local regulations, bylaws, and standards
- Interviews and a workshop with industry representatives
- Business case report

#### **4.2 Residuals Management Options Review**

Todd Baker provided a presentation titled, “*Residual Waste Management Options Review*”, with the following highlights:

- The purpose of this presentation is to gather feedback on the draft scope of work, and to communicate opportunities for Industry Advisory Committee member engagement
- For the purposes of this study, Residual Waste is defined as all residential and commercial/institutional waste remaining after the 3R’s, and this study specifically looks at commercial, residential, and institutional waste
- There are approximately one million tonnes of residential, commercial and institutional waste per year that requires disposal, and the primary disposal facilities are the Waste-to-Energy Facility, the Vancouver Landfill, and three remote landfills
- Proposed tasks include:
  - A high level literature review to examine international best practices, approaches, and trends in similar regions with similar demographics
  - Methods of managing garbage in comparable jurisdictions will be reviewed, while compiling information on costs, risks, and greenhouse gas emissions
  - Case studies will be prepared to examine historical and current non-traditional, alternative technologies for waste management
  - Define the goals and key considerations for various approaches
  - Develop criteria for the evaluation of new/emerging technologies

Paul Henderson advised that while mass burning and traditional landfill techniques are not being examined under the case studies, they will still be considered as options for the region.

### **5. NEXT STEPS**

#### **5.1 2024 IAC Call for Membership Submissions**

Co-Chair Bryan advised that an email had been sent to all Industry Advisory Committee members and waste and recycling industry contacts on January 25, 2024, with a call for membership submissions for the 2024 committee. An additional email will be sent out as a reminder. Those interested in being part of the 2024 Solid Waste and Recycling Industry Advisory Committee will need to reapply to be part of the 2024 Committee. The first meeting with the 2024 IAC will be on March 5, 2024.

#### **5.2 Waste-to-Energy Facility Tour Opportunity**

Paul Henderson advised that the Public and Technical Advisory Committee had expressed interest in a tour of the Waste-to-Energy Facility and that staff would like to extend the same opportunity to Industry Advisory Committee members. Further details will be provided at the next meeting. If there are only a few members interested in touring the facility then they can join the Public/Technical Advisory Committee tour.

### **6. OTHER BUSINESS**

#### **6.1 Zero Waste Committee Updates**

Paul Henderson provided an update from the Zero Waste Committee, noting the following highlights:

- Multi-family waste reduction has been added to the Work Plan
- There is information available on the Textiles Reduction Campaign, and the Zero Waste Conference Report
- The Manager's Report references an opportunity to provide written feedback on the updated draft Tipping Fee Bylaw updates and draft smart waste program implementation plan.
- Links to the drafts have been distributed, and there is an opportunity for additional written feedback over the next approximately 4 weeks.

Discussion ensued, and the following comments were offered:

- Members expressed concern with Metro Vancouver proceeding with Tipping Fee Bylaw updates and the smart waste program while in parallel engaging with Industry Advisory Committee members.
- The Generator Levy has been in place since 2018. Metro Vancouver has assessed that it does not require approval from the Minister of Environment
- Concern regarding communications around the Tipping Fee Bylaw and the smart waste program
- It was advised that both projects are proceeding as communicated

Co-Chair Bryan invited Industry Advisory Committee members to review the Zero Waste Committee Reports, and to ask for any clarification or provide feedback through Metro Vancouver staff.

## **7. INFORMATION ITEMS**

### **7.1 IAC January 2024 Meeting – Small Groups Discussion Feedback Summary**

### **7.2 2024 Draft Work Plan**

### **7.3 Regional Waste Flows**

In reference to the information items, Co-Chair Bryan noted all were attached to the agenda package.

## **8. ADJOURNMENT**

Co-Chair Bryan thanked Industry Advisory Committee members for their participation, comments, and feedback, and advised that the next Solid Waste and Recycling Industry Advisory Committee meeting would be held on March 5, 2024, via Zoom Video Conference.

The Solid Waste and Recycling Industry Advisory Committee meeting adjourned at 3:33 p.m.