



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

Tuesday, March 5, 2024

2:00 pm – 4:00 pm

A G E N D A

- 1. 2024 INDUSTRY ADVISORY COMMITTEE INTRODUCTIONS AND WELCOME**
- 2. AGENDA**
 - 2.1 March 5, 2024 Meeting Agenda**
- 3. MINUTES**
 - 3.1 February 6, 2024 Meeting Minutes**
- 4. REPORTS**
 - 4.1 Integrated Solid Waste and Resource Management Plan Biennial Report**
For input/feedback
Designated Speaker: Terry Fulton, Senior Project Engineer, Metro Vancouver
- 5. OTHER BUSINESS**
 - 5.1 IAC Facility Tour Opportunity**
Verbal Update, Menti Meter
Designated Speaker: Samantha Joy, Engagement Specialist, Metro Vancouver
 - 5.2 Zero Waste Committee and Other Updates**
Verbal Update
Designated Speaker: Paul Henderson, General Manager, Metro Vancouver
- 6. CO-CHAIR NOMINATIONS**
- 7. INFORMATION ITEMS**
 - 7.1 Regional Waste Flows – February**
 - 7.2 2024 Solid Waste and Recycling industry Advisory Committee Work Plan**
 - 7.3 2024 Solid Waste and Recycling Industry Advisory Committee Members**
 - 7.4 2024 Solid Waste and Recycling Industry Advisory Committee Meeting Schedule**

Committee Co-Chairs:

Director Craig Hodge, Zero Waste Committee Vice-Chair
Lori Bryan, Executive Director, Waste Management Association of BC

Membership:

Abrams, Izzie – Waste Connections of Canada	JansenVandoorn, Josh – Anaconda Systems Ltd.	McRae, Ralph – Revolution Infrastructure Inc.
Berkhof, Edwin – Evergen Infrastructure Corp.	Jessa, Imran – Delta Textiles Exporters Inc.	Millman, David – Waste Management of Canada Corp.
Bryan, Lori – Waste Management Association of BC	Johnson, Gord – Northstar	Moucachen, Maya – Merlin Plastics
Carrusca, Ken – Cement Association of Canada	Kaminski, Jamie – HSR Zero Waste	Pantazopoulos, Dimitri – Waste Connections of Canada
Collins, James – Tymac Launch Service Ltd.	Kawakami, Sean – Convertus Canada Ltd.	Prasad, Shad – Cascade Recovery + Scaldaferrri, Fabio – Pacific Mattress Recycling Inc.
Crawford, Jeremy – Waste Control Services	Kiani, Aiden – Lock-Block Ltd.	Sigmund, Sandy – Encorp Pacific Canada, Return-It
Deol, Harwant – Super Save Group	Koehn, Leanne – Ridge Meadows Recycling Society	Turner, John – BC Biocarbon Ltd.
Dietrich, Christian – Ecowaste Industries	Lannin, Mike – Super Save Group	Van de Wetering, Jasper – Heidelberg Materials Canada Ltd.
Dimant, Jen – Capital Salvage	MacNeil, Patrick – Wescan Disposal Ltd.	Vargas, Pinky - Republic Services
Gontovnick, Jeff – 1-800-GOT-JUNK?	MacFarlane, Angus – Growing City	Young, Stewart, GFL Environmental Inc.
Hankins, Grant – Canada Minibins.com Ltd.	Mallari, Achilles – Sierra Waste Services Ltd.	Zarbl, Michael - Major Appliance Recycling Roundtable
	McAra, Matthew – GFL Environmental Inc.	

Metro Vancouver and City of Vancouver Staff:

Allan, Chris – Metro Vancouver	Joy, Samantha - Metro Vancouver	Mizan, Zeenia – Metro Vancouver
Belanger, Lynn – City of Vancouver	Henderson, Paul – Metro Vancouver	Underwood, Chris – Metro Vancouver
Doorn, Nanette van – Metro Vancouver	Liu, Stephanie – Metro Vancouver	Vidler, Lynne – Metro Vancouver
	McDermott, Jon – City of Vancouver	

**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

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

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.



Burnaby Eco-Centre

2022 Biennial Report

INTEGRATED SOLID WASTE AND RESOURCE MANAGEMENT PLAN PROGRESS

Terry Fulton, P.Eng

Senior Project Engineer, Solid Waste Services

Solid Waste and Recycling Industry Advisory Committee, March 5, 2024

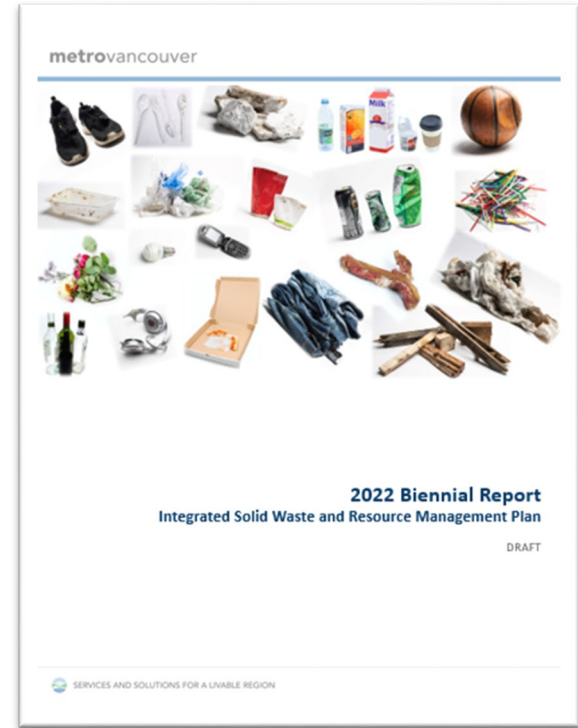
metrovancouver

PURPOSE OF PRESENTATION

- Outline biennial report process
- Share latest solid waste and recycling statistics
- Receive initial feedback in advance of the full draft report being issued for comment

2022 BIENNIAL REPORT OVERVIEW

- Summarizes 2021 and 2022 highlights
- Reports on status of each action within the solid waste management plan
- Provides updated solid waste and recycling statistics



2022 HIGHLIGHTS

- Solid waste management plan update
- Waste prevention, reduction and reuse initiatives
- New recycling and waste centres
- District energy project



Central Surrey Recycling and Waste Centre

GUIDING POLICY & TARGETS

2011 Solid Waste Management Plan



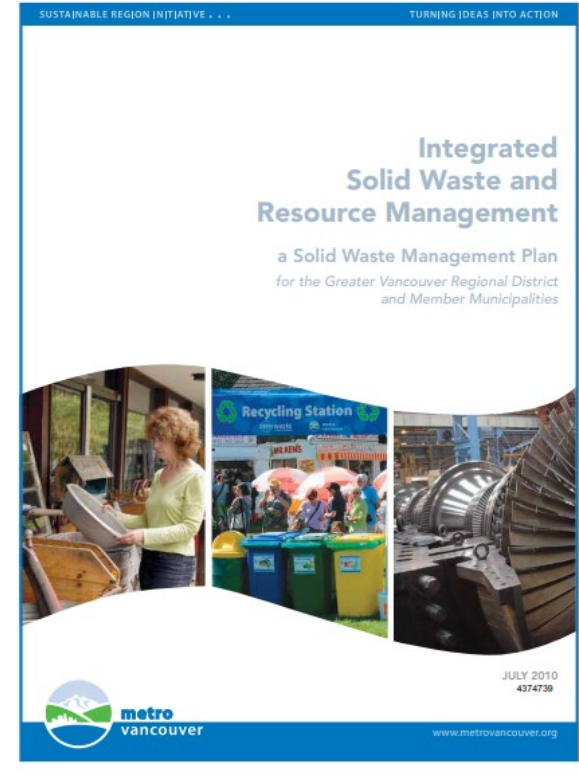
Goal: 10% Reduction Waste Generation (Achieved 11%)

Generation = Recycled + Disposed

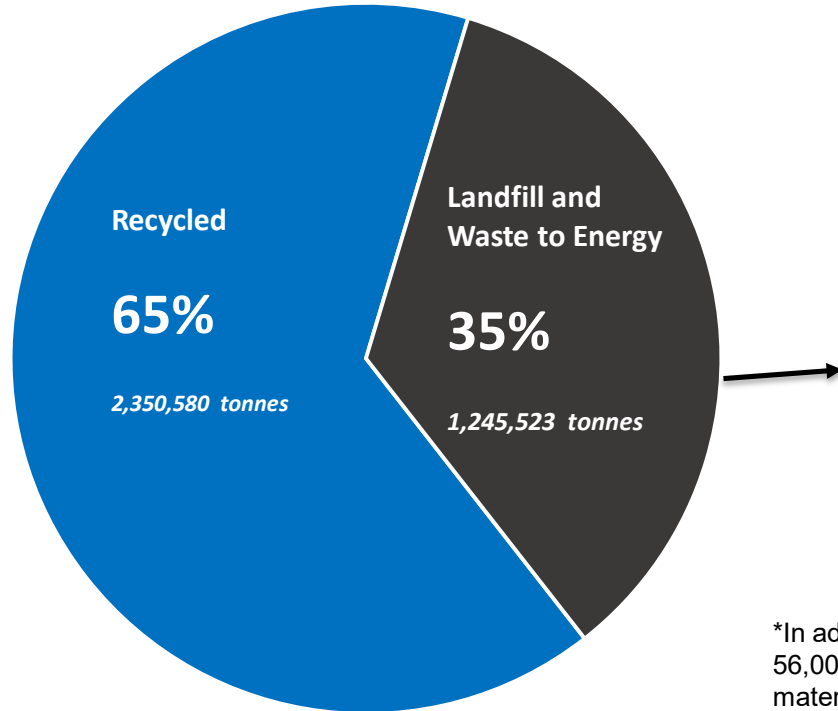


Goal: 80% Recycling Rate (Achieved 65%)

Recycling Rate = Recycled / Generated



RECYCLING RATE



2022 Disposal Quantities

Facility	Tonnage
Vancouver Landfill*	691,000
Waste-to-Energy Facility*	219,000
Contingency Disposal	145,000
Private Landfill Construction & Demolition Disposal	190,000
Sector	Tonnage
Residential	506,000
Commercial/Institutional	401,000
Construction and Demolition	339,000

*In addition to municipal solid waste, disposal facilities also received approximately 56,000 tonnes of treatment plant residuals, Japanese beetle soil, and out-of-region material

RECYCLING

Materials Type Recycled (tonnes)	2021	2022
Asphalt*	295,300	295,300
Batteries	13,858	13,838
Concrete*	866,363	866,363
Electronic & Electrical Equipment	11,213	10,812
Paper/Paper Products	328,065	340,386
Glass	49,786	55,582
Gypsum	63,533	58,512
Household Hazardous Waste	21,292	24,339
Metal	73,369	58,515
Plastic	43,849	54,037
Textiles	691	372
Tires	21,328	19,237
Wood	161,309	161,242
Yard & Food	401,890	392,044
Total	2,351,848	2,350,580

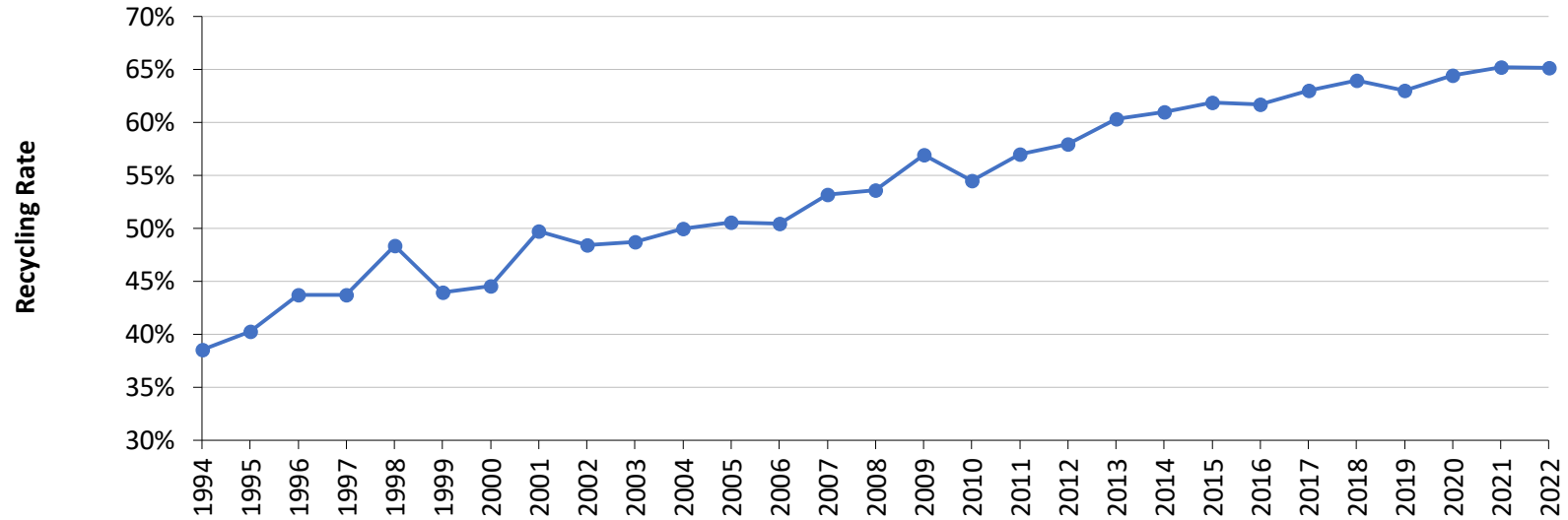
*Used previous year's data

2022 Recycling Highlights

- Recovery in glass recycling following facility closures in 2021 due to flooding
- Increase paper and plastics recycling
- Used asphalt and concrete numbers from 2021 due to large unverified increases from unlicensed facilities

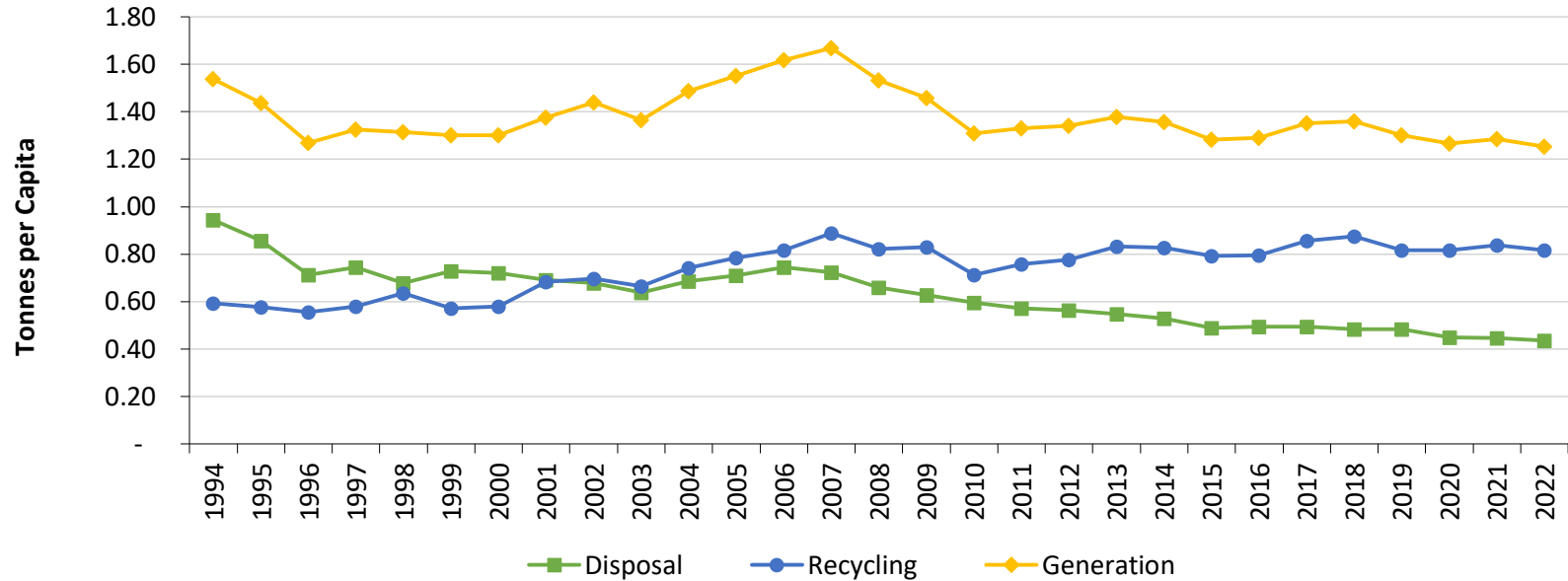
RECYCLING RATE OVER TIME

From all sectors



GENERATION & RECYCLING OVER TIME

From all sectors

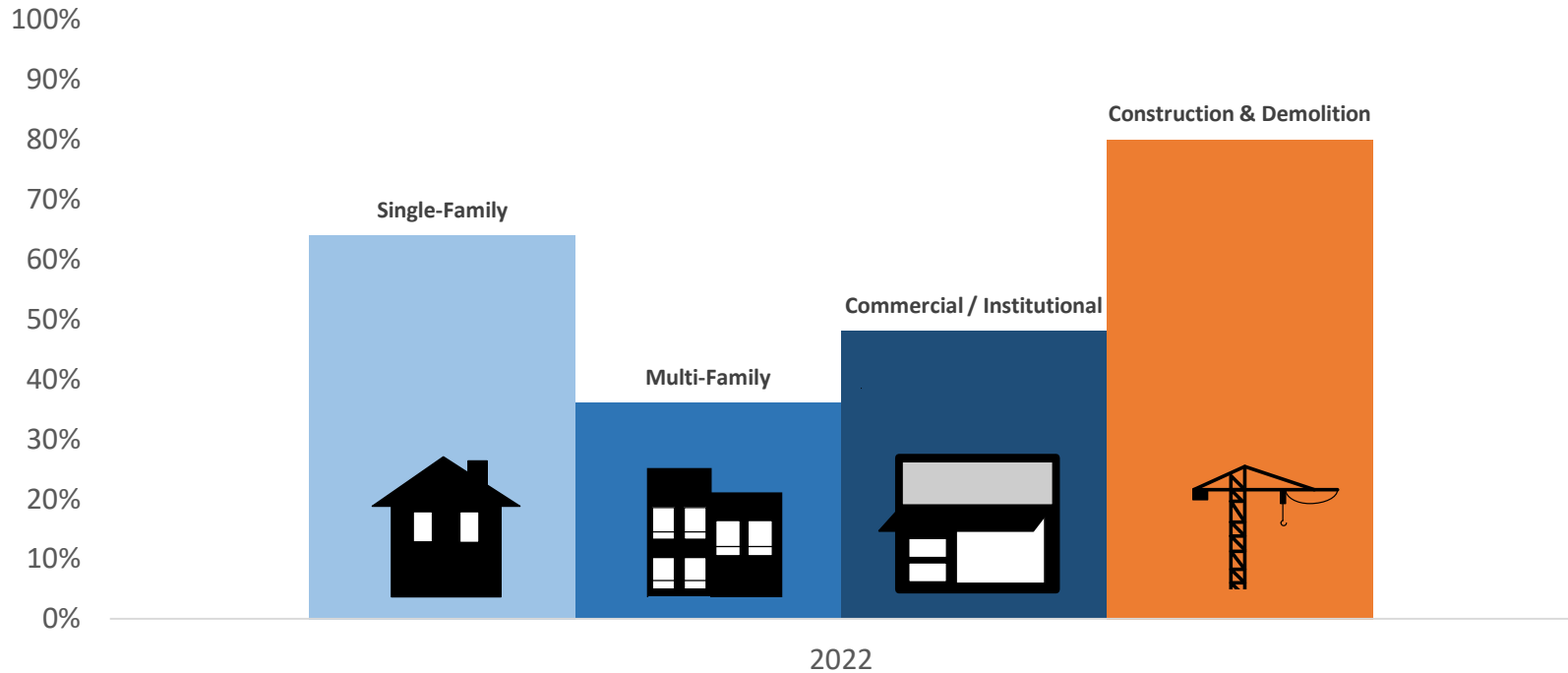


2022 SUMMARY

WASTE SECTOR		DISPOSED (tonnes)		RECYCLED (tonnes)		RECYCLING RATE (%) ⁽³⁾		
		2021	2022	2021	2022	2021	2022	% change
Residential	tonnes	510,337	505,592	601,509	579,754	54%	53%	-0.7%
	tonnes/capita	0.182	0.177	0.21	0.20			
	Single Family tonnes	266,999	248,750	455,723	434,495	63%	64%	0.5%
	Multi-Family tonnes	243,337	256,842	145,786	145,259	37%	36%	-1.3%
Commercial/Institutional	tonnes	372,861	400,976	316,406	375,466	46%	48%	2%
	tonnes/capita	0.13	0.14	0.11	0.13			
Construction & Demolition	Tonnes	371,972	338,955	1,433,933	1,395,360	79%	80%	1%
Total	Tonnes	1,255,169	1,245,523	2,351,848	2,350,580			
	tonnes/capita	0.45	0.44	0.84	0.82	65%	65%	0%
	tonnes/ household	1.15	1.11	2.15	2.09			

REGIONAL RECYCLING RATES BY SECTOR

Shown in percentages



CONSTRUCTION & DEMOLITION SECTOR

Material	Tonnes
Concrete and Asphalt	1,161,663
All Other Materials	233,696
Total All Materials	1,395,360
Disposal	338,955
Construction & Demolition Recycling Rate (Including Concrete and Asphalt)	80%
Construction and Demolition Recycling Rate (Excluding Concrete and Asphalt)	41%

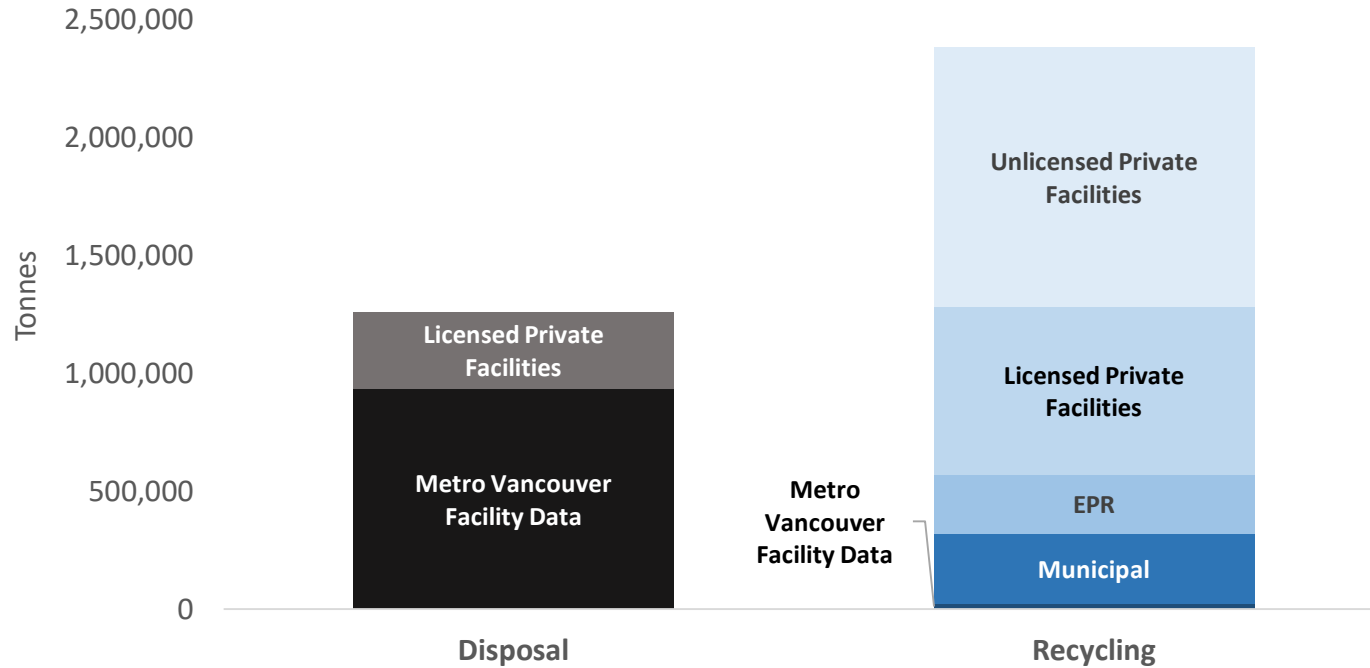
REUSE ESTIMATE

Material Category	2021 Annual Reuse (tonnes)	2022 Annual Reuse (tonnes)
Textiles and Accessories	17,400	17,400
EPR Programs	17,300	18,000
Food	7,300	7,000
Hotels and Hospitality Sector	400	400
Office Furniture	1,400	1,400
IT Equipment	1,600	1,600
Construction/ Demolition Materials	4,800	4,900
On-Line for Selected Materials	27,400	27,800
Total	77,600	78,500

2022 Reuse Highlights

- Slight increase in online reuse, however limited ability to track
- Overall similar to 2021
- Looking at ways to improve measurement with performance metrics review

INFORMATION SOURCES



HOW WE REPORT

- Basis for what to include from BC *Environmental Management Act*
- Recycling rate used rather than diversion rate
- Metro Vancouver has some of the most comprehensive and transparent data in North America based on 2023 recycling rate review

MUNICIPAL SOLID WASTE

"municipal solid waste" means

(a) refuse that originates from residential, commercial, institutional, demolition, land clearing or construction sources, or

(b) refuse specified by a director to be included in a waste management plan;

RECYCLABLE MATERIAL

"recyclable material" means a product or substance that has been diverted from disposal, and satisfies at least one of the following criteria:

- (a) is organic material from residential, commercial or institutional sources and is capable of being composted, or is being composted, at a site;
- (b) is managed as a marketable commodity with an established market by the owner or operator of a site;
- (c) is being used in the manufacture of a new product that has an established market or is being processed as an intermediate stage of an existing manufacturing process;
- (d) has been identified as a recyclable material in a waste management plan;
- (e) is any other material prescribed by the Lieutenant Governor in Council, or the minister under section 22 [*minister's regulations — codes of practice*];

ANNUAL REPORT UPDATES

Based on feedback, the following information was added in 2021:

- Detailed methodology
- Assumptions
- Data sources
- Construction and demolition recycling rate with and without concrete and asphalt

WHAT IS INCLUDED

Facility or Material Type	How it's incorporated
Waste-to-Energy Facility	Counted as disposal except for metals recovered for recycling
EPR Materials	Residuals counted as disposed where reported by stewards
Composting Facilities	Inbound organics minus residuals disposed counted as recycling for facilities within Metro Vancouver
Material Recovery Facilities	Residuals counted as disposed, outbound materials sent for processing counted as recycling, including biomass fuel
Processing Facilities	Accounted for as outputs from above, residuals counted as disposed for facilities within Metro Vancouver

WHAT IS NOT INCLUDED

- Agricultural Waste
- Industrial Waste
- Forestry Waste
- Water and Wastewater Treatment Plant Residuals
- Material Managed On-Site (e.g. Backyard composting)
- Excavation Soils
- Landfill Cover Material
- Scrap Metal from yards or automotive recycling

NEXT STEPS

- Presentations to:
 - Solid Waste Management Plan Public/Technical Advisory Committee (February 23)
 - Regional Engineers Advisory Committee – Solid Waste Subcommittee
- Publishing of biennial report and presentation to Zero Waste Committee
- Feedback period

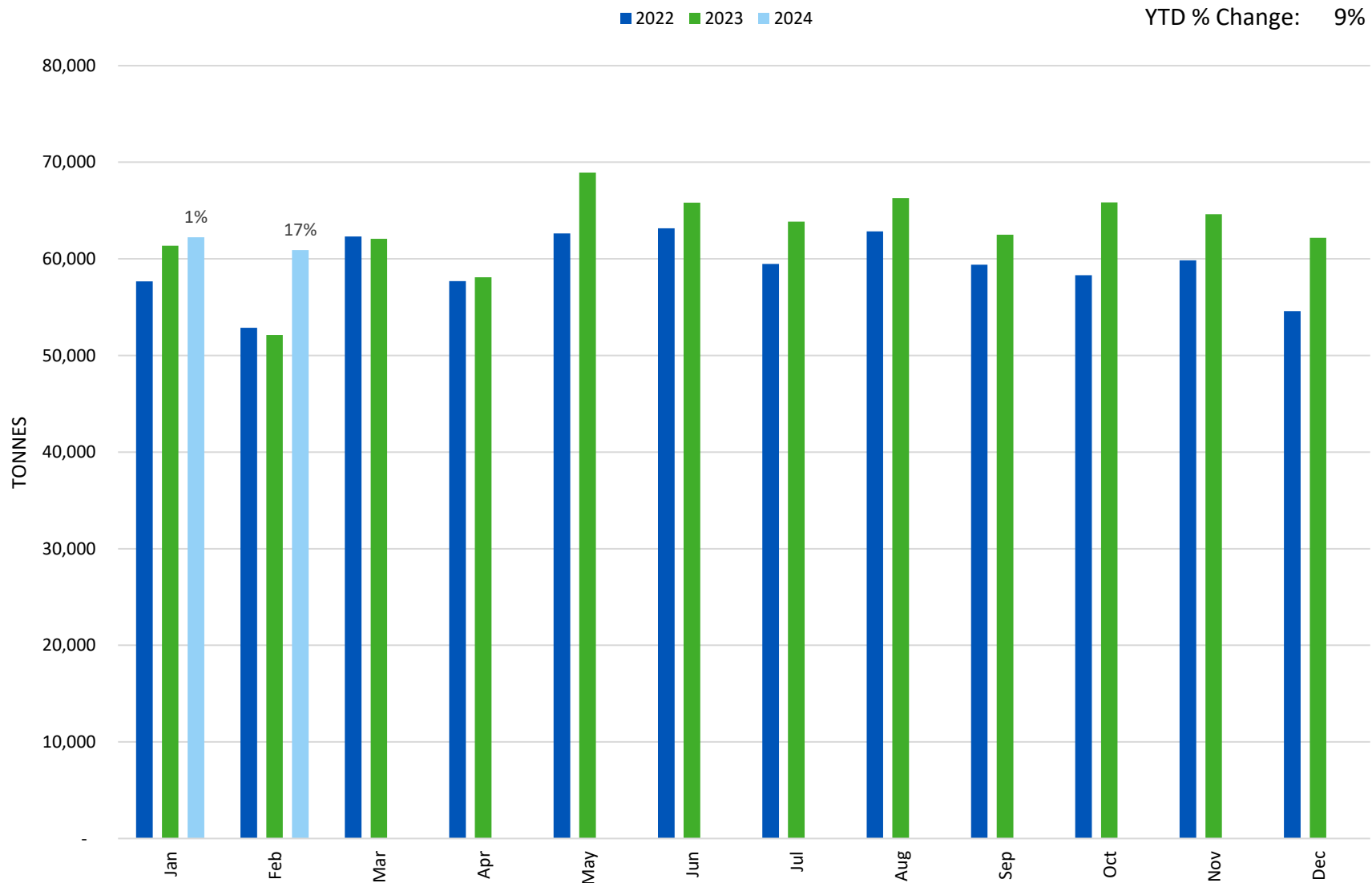


Vancouver Skyline

Questions?

metrovancouver

Metro Vancouver Waste Quantities* 2022 - 2024**



**Data reconciled to Jan 2024

*Metro Vancouver's Six Recycling and Waste Centres & the Waste-to-Energy Facility

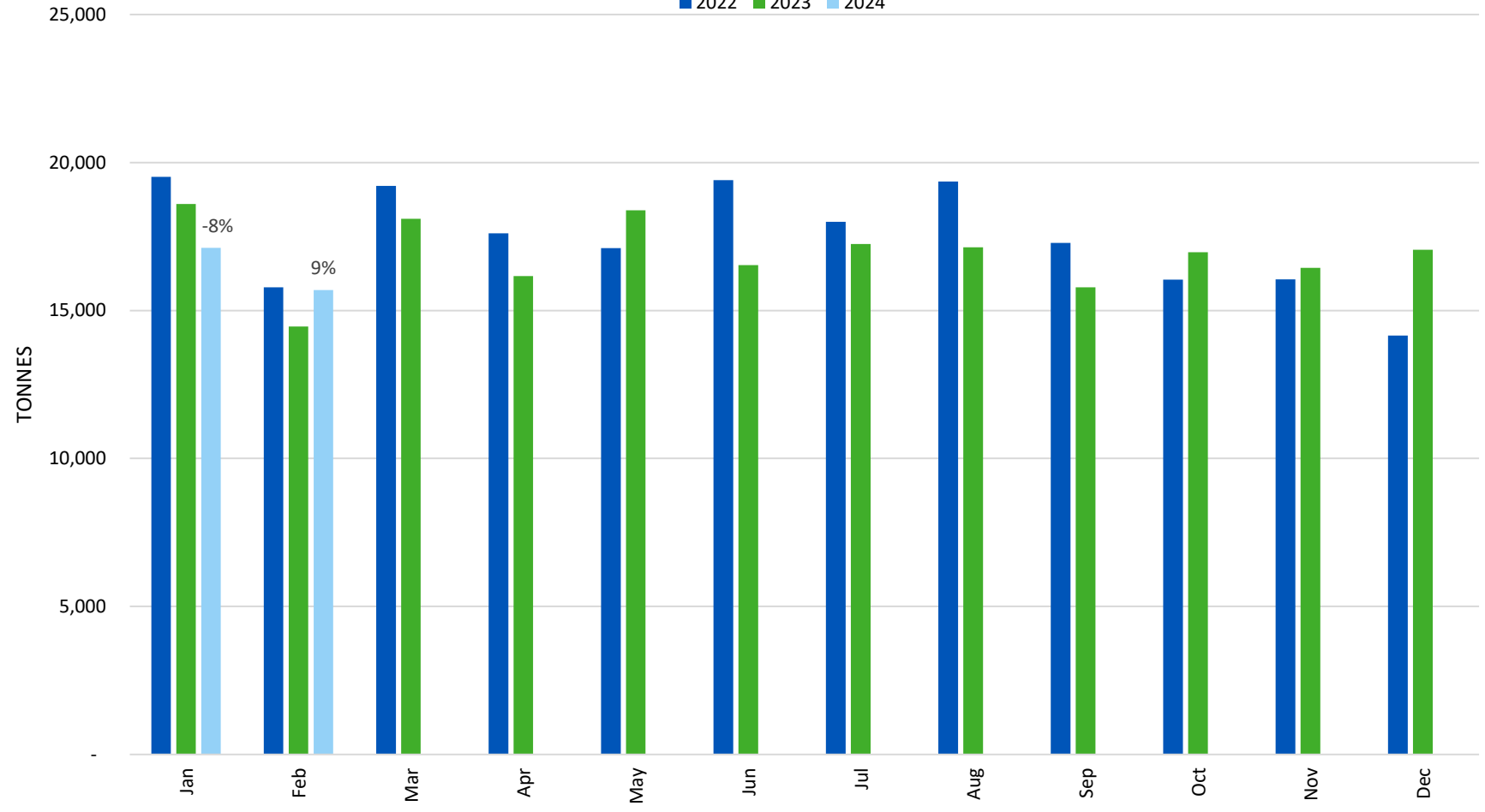
City of Vancouver Waste Quantities*

2022 - 2024

(Demo garbage not included)

YTD % Change: -1%

■ 2022 ■ 2023 ■ 2024



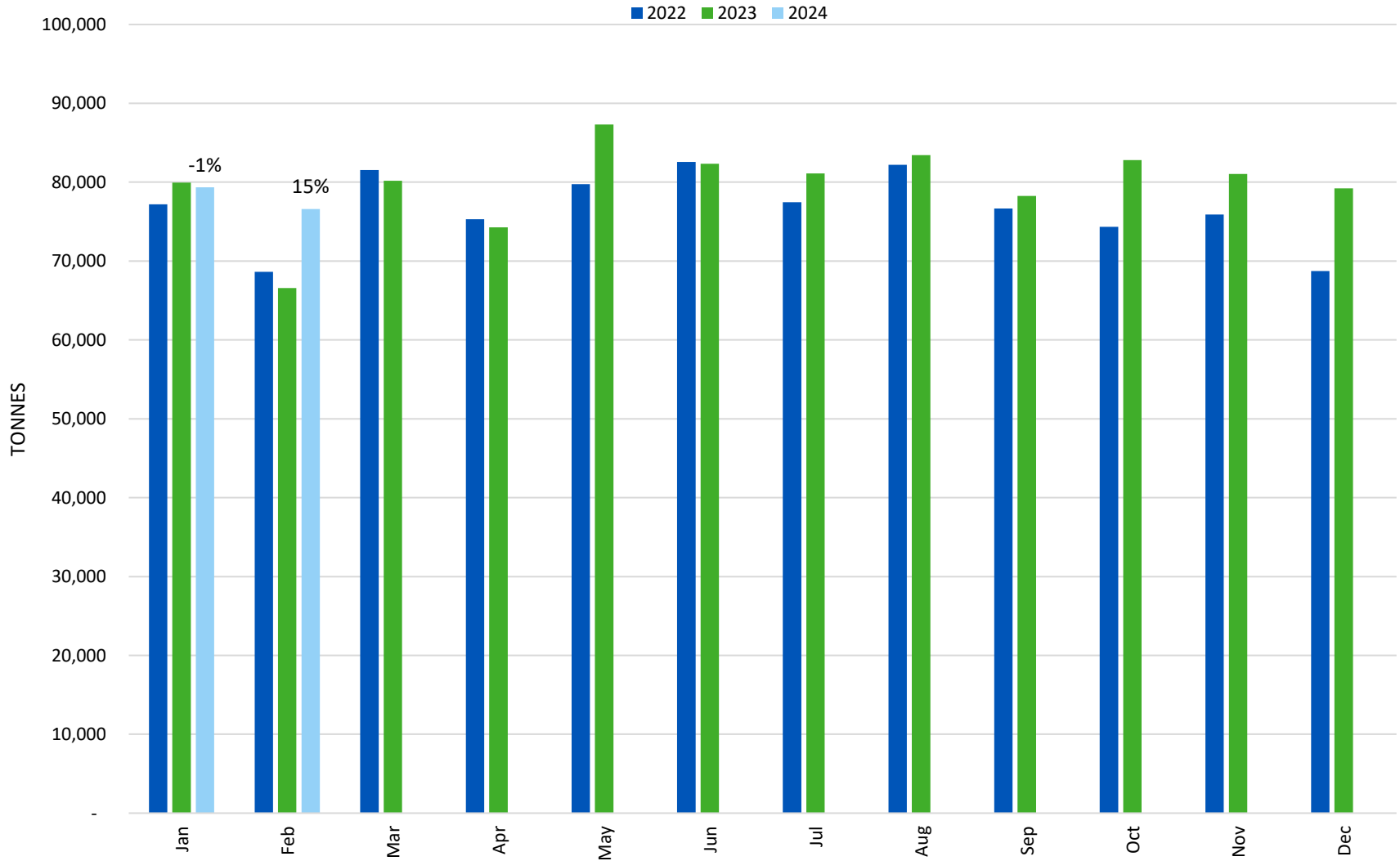
*Vancouver Landfill & Vancouver South Transfer Station

Metro Vancouver and City of Vancouver Waste Quantities

2022 - 2024*

(Demo garbage not included)

YTD % Change: 6%



*Metro Vancouver data reconciled to Jan 2024

SOLID WASTE AND RECYCLING INDUSTRY ADVISORY COMMITTEE 2024 WORK PLAN

March 5, 2024

Quarter 1	Status	Approach
Call for Submissions for 2024 IAC Membership	Complete	Plenary
Concrete and Asphalt Recycling Review – Draft Study Scope	Complete	Plenary
Construction and Demolition Waste Management and Capacity	In progress	Small group discussion
<i>Integrated Solid Waste and Resource Plan</i> Biennial Report	In progress	Plenary
Residuals Management Options Review – Draft Study Scope	Complete	Plenary
Quarter 2	Status	Approach
Circular Economy and Share/Reuse/Repair ideas	Pending	Small group discussion
Co-Chair Election (Nominations in March)	Pending	Plenary
Prioritize timeline for solid waste management plan development	Pending	TBD
Residuals Management: <ul style="list-style-type: none"> - Vancouver Landfill/Long-term disposal planning - Competition - Generator Levy - Contingency Disposal Procurement - Metro Vancouver Capital Budget 	Pending	Working sub-group meetings
Solid Waste Management Plan Update – Idea Generation: Issue/Opportunity Report Review	Pending	Small group discussion
Solid Waste Management Plan Update – Vision and Guiding Principles Report Back	Pending	Plenary
Quarter 3	Status	Approach
Public Education – role of public and private entities	Pending	TBD
Recycling capacity and product markets (including organics)	Pending	Small group discussion
Quarter 4	Status	Approach
Recycling Statistics/Metrics	Pending	Plenary
Solid Waste Management Plan Update – Idea Generation	Pending	Small group discussion
Working Sub-Group Report Back	Pending	Plenary

2024 Solid Waste and Recycling Industry Advisory Committee

MEMBER NAME	ORGANIZATION
Achilles Mallari	Sierra Waste Services Ltd.
Aiden Kiani	Lock-Block Ltd.
Angus MacFarlane	Growing City
Christian Dietrich	Ecowaste Industries
David Millman	Waste Management of Canada Corp.
Edwin Berkhof	EverGen Infrastructure Corp.
Fabio Scaldaferrri	Pacific Mattress Recycling inc.
Gord Johnson	Empower Environmental Solutions
Grant Hankins	Canada Minibins.com Ltd.
Harwant Deol	Super Save Group
Imran Jessa	Delta Textiles Exporters Inc.
Izzie Abrams	Waste Connections of Canada
James Collins	Tymac Launch Service Ltd.
Jamie Kaminski	Happy Stan’s Recycling Services Ltd. (HSR Zero Waste)
Jasper van de Wetering	Heidelberg Materials Canada Ltd.
Jeff Gontovnick	1-800-GOT-JUNK? Fraser Valley
Jenika Dimant	Capital Salvage
Jeremy Crawford	WCS Waste Control Services Inc.
John Turner	BC Biocarbon Ltd.
Josh JansenVandoorn	Anaconda Systems Ltd.
Ken Carrusca	Cement Association of Canada
Leanne Koehn	Ridge Meadows Recycling Society
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Sandy Sigmund	Encorp Pacific Canada
Sean Kawakami	Convertus Canada Ltd.
Shad Prasad	Cascade Recovery +
Stewart Young	GFL Environmental

2024 CO-CHAIRS	ORGANIZATION
Director Craig Hodge	Metro Vancouver Board of Directors
Lori Bryan	Waste Management Association of BC

Solid Waste and Recycling Industry Advisory Committee 2024 Meeting Schedule

January						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	24	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

October						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

May						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

March						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

September						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

- Virtual meeting
- In Person meeting / workshop