



**SOLID WASTE MANAGEMENT PLAN
PUBLIC/TECHNICAL ADVISORY COMMITTEE**

REGULAR MEETING

Thursday, November 21, 2024
2:00 pm – 5:00 pm
In-person Meeting
Metro Vancouver Head Office Room 2912

A G E N D A

ITEMS
1. WELCOME
2. AGENDA
3. MEETING MINUTES – September 13, 2024 (Attachment 1)
4. ACTION/STANDING ITEMS 4.1 Action tracker (Attachment 2)
5. November 7, 2024 ZWC/PTAC Public Presentation Day Debrief
6. METRO VANCOUVER UPDATES
6.1 Solid Waste Management Plan Update – Idea Generation <i>For Information</i> Speaker: Terry Fulton, Senior Project Engineer, Solid Waste Services
6.2 Zero Waste Committee Updates <i>For Information</i> Speaker: Paul Henderson, General Manager, Solid Waste Services
7. WORKING GROUP PRESENTATIONS Plastics Management Working Group Speaker: Members of Working Groups
Food Waste and Organics Working Group

<p>Speaker: Members of Working Groups</p> <p>Construction and Demolition Working Group</p> <p>Speaker: Members of Working Groups</p>
BREAK
8. PTAC Additional Discussion on Solid Waste Management Plan Update – Idea Generation
9. OTHER BUSINESS
<p>9.1 PTAC Potential Meeting Dates 2025</p> <p>9.2 PTAC New Members Update</p>
<p>10. INFORMATION ITEMS</p> <p>10.1 Public/Technical Advisory Committee 2024 Work Plan (Attachment 3)</p> <p>10.2 Regional Waste Flows 2024 (Attachment 4)</p> <p>10.3 National Zero Waste Council and Metro Vancouver Respond to Competition Bureau’s Public Consultation on the Competition Act’s New Greenwashing Provision (Attachment 5)</p> <p>10.4 National Zero Waste Council and Metro Vancouver Respond to Innovation, Science and Economic Development Canada Consultation on Right-to-Repair Legislation (Attachment 6)</p>

Attachment 1: Draft Meeting Minutes – September 13, 2024 – Solid Waste Management Plan Public/Technical Advisory Committee

Attachment 2: Action Tracker

Attachment 3: Public/Technical Advisory Committee 2024 Work Plan

Attachment 4: Regional Waste Flows October 2024

Attachment 5: [National Zero Waste Council and Metro Vancouver Respond to the Competition Bureau’s Public Consultation on the Competition Act’s New Greenwashing Provision \(nzwc.ca\)](https://www.nzwc.ca/public-consultation-on-the-competition-act-s-new-greenwashing-provision)

Attachment 6: [National Zero Waste Council and Metro Vancouver Respond to Innovation, Science and Economic Development Canada Consultation on Right-to-Repair Legislation \(nzwc.ca\)](https://www.nzwc.ca/nzwc-respond-to-innovation-science-and-economic-development-canada-consultation-on-right-to-repair-legislation)

SOLID WASTE MANAGEMENT PLAN PUBLIC/TECHNICAL ADVISORY COMMITTEE

Friday, September 13, 2024

Zoom Meeting

3:00 pm – 5:30 pm

Meeting Minutes

Attendees: Director Sarah Kirby-Yung, Chair; Director Craig Hodge, Vice-Chair; Ben Liegey, Bill Chan, Brenda Martens, Brianne De Man, Christian Dietrich, Cody Irwin, Doug Schell, Louise Schwarz, Matthew Morin, Michael Zarbl, Sue Maxwell, Sean Miles, Ulwiana Mehta-Malhotra, William Selten,

Absent:

Daniel Rotman, Grant Hankins, Hunter Bergen, Jaye-Jay Berggren, Jake Turek, Jamie Kaminski, John Doherty, Kevin Huang, Lori Bryan, Lyndsay Poaps, Raman Johal, Sara Larter, Tara Immell, Yasmin Abraham.

Metro Vancouver Staff: Paul Henderson, Stephanie Liu, Samantha Joy, Chris Clarke, Terry Fulton, Adriana Velazquez, Zeenia Mizan, Zack Ha

1.	INTRODUCTIONS <ul style="list-style-type: none"> Meeting started at 3:03 pm 	Chair
	Welcome from the Chair <ul style="list-style-type: none"> Director Kirby-Yung welcomed Committee members Territorial acknowledgement Informed that this meeting is streamed on the PTAC website, and that video and audio footage from the meeting will be collected 	Chair
2.	AGENDA <ul style="list-style-type: none"> Reviewed the September 13, 2024 meeting agenda. 	Chair
3.	MEETING NOTES – June 14, 2024 <ul style="list-style-type: none"> Reviewed the June 14, 2024 meeting notes. 	Chair
4.	ACTION/STANDING ITEMS	
	4.1 Action tracker Action items from previous meetings: Metro Vancouver provided updates on progress on items in the Action tracker.	Brooke Atkinson, Metro Vancouver

	<ul style="list-style-type: none"> • The action item related to Engagement Panel attendance at a PTAC meeting will be complete today, as Engagement Panel members are in attendance today. • The action item related to presenting a timeline for the solid waste management plan update will be complete today • The action item related to bottom ash use and solid waste management plan monitoring is complete, as the information was provided to the committee by email in May and is also included on the PTAC web page under “Additional Information”. <p>4.2 Incoming/outgoing communication</p> <ul style="list-style-type: none"> • No incoming/outgoing communication was shared by members 	
5.	INDEPENDENT CONSULTATION AND ENGAGEMENT PANEL PRESENTATION	
	<p>A verbal presentation was delivered by the Chair of Solid Waste Management Plan Independent Consultation and Engagement Panel (panel), about the panel’s role and work to date, including some overarching themes and challenges related to engagement that have been identified and are working towards addressing.</p> <p>Member discussion:</p> <ul style="list-style-type: none"> • Positive feedback on the work of the panel • How to ensure the large volume of feedback/information collected from all intended audience and are reflected accurately in decision making • 	Andrea Reimer
6.	PTAC MEMBER PRESENTATIONS	
	<p>6.1 Zero Waste BC</p> <p>PTAC Member Sue Maxwell did a presentation titled “Metro Vancouver Zero Waste Public/Technical Advisory Committee Case Study” conducted by Zero Waste BC on the Waste-to-Energy Facility and the solid waste management system in the Metro Vancouver region.</p> <p>Member discussion:</p> <ul style="list-style-type: none"> • Discussed source of data from Zero Waste BC • Question was raised related to greenhouse gas emission data source and calculation • Metro Vancouver staff noted that they are working on a source reduction incentive program to work with haulers and processors to encourage recycling and waste reduction at the source • A member noted that a waste reduction plan is most important, as well as assessing costs of waste reduction. In the meantime, what are the alternatives to the Waste-to-Energy Facility? Suggestion was that moving 	Sue Maxwell

	<p>waste to landfill was not the solution, but focusing on waste reduction and recycling should be the focus</p> <ul style="list-style-type: none"> • Comment was raised on how the zero waste framework includes community involvement and underrepresented groups to be engaged on waste reduction efforts • Concern was expressed on the message of the case study supporting Waste-to-Energy Facility closing-down given the importance of maintaining all options for managing residuals for the region. 	
7.	WORKING GROUP UPDATES	
	<p>The working group chairs provided verbal updates.</p> <p>Plastic Management working group:</p> <ul style="list-style-type: none"> • The latest focus of discussion was on plastics reduction and reuse • The group has drafted a list of recommendations organized by the Zero Waste Hierarchy, and will fine tune the list in the next meeting on Monday September 16 <p>Food Waste and Organics working group:</p> <p>The group has discussed at recent meetings:</p> <ul style="list-style-type: none"> • Review and analysis of existing food waste data • The need for solutions across the food supply chain • Different organics recycling options • The need for tracking and reporting of sustainable development goals • The climate impact of food waste • The food industry upstream chain: farming, manufacturing, processing, and storing <p>Construction and Demolition working group:</p> <p>The group has discussed at recent meetings:</p> <ul style="list-style-type: none"> • Accountability and oversight of C&D waste • Facilitating markets for diverted goods • Managing waste volume and surges • The adoption of the Zero Waste hierarchy <p>The group's next meeting will take place in early October.</p>	<p>Sue Maxwell</p> <p>Ben Liegey</p> <p>Brenda Martens</p>
8.	METRO VANCOUVER UPDATES	
	<p>8.1 Progress Update on Solid Waste Management Plan Timeline</p> <p>Metro Vancouver provided updates on approval process and components, including:</p> <ul style="list-style-type: none"> • Process to get to a draft plan, and committee involvement at specific stages • Supporting work 	<p>Terry Fulton, Metro Vancouver</p>

	<p>8.2 Solid Waste Management Plan Update - Performance Metrics Update</p> <p>Metro Vancouver provided updates on Performance Metrics including:</p> <ul style="list-style-type: none"> • Developing goals and targets for an updated plan • Performance metric study conducted to support the Solid Waste Management Plan Update • Example metrics used in other jurisdictions, as identified during interviews • Considerations for determining which metrics would be applicable for an updated solid waste management plan <p>Members breakout discussion: See Attachment 1</p>	<p>Terry Fulton, Metro Vancouver Lyndsay, Stantec</p>
	<p>8.3 Metro Vancouver Updates</p> <p>Zero Waste Committee and Organics Procurement Updates</p> <p>Metro Vancouver provided updates on:</p> <ul style="list-style-type: none"> • September Zero Waste Committee agenda items • Organics management/capacity 	<p>Paul Henderson, Metro Vancouver</p>
9.	OTHER BUSINESS	
	<p>9.1 Public Presentation Day to PTAC and Zero Waste Committee – November 7, 2 – 5 pm</p> <ul style="list-style-type: none"> • Meeting format: hybrid – PTAC members may attend either in person at Metro Vancouver head office or online • Meeting will be livestreamed and recorded for posting on Metro Vancouver website • Presentations related to all aspects of solid waste management in the region will be welcome, with particular focus on idea generation 	<p>Chair</p>
	<p>9.2 November 21 PTAC Presentation Day – Discussion on Format</p> <ul style="list-style-type: none"> • Meeting format: in person, at Metro Vancouver Head Office • Observers are welcome at the meeting 	<p>Chair</p>
	<p>9.3 PTAC Recruitment for New Members – Open Until September 27</p> <ul style="list-style-type: none"> • Applications will be reviewed by Metro Vancouver staff • The Consultation and Engagement Panel will review staff recommendations for new members • Recommendations will be presented to the Zero Waste Committee and GVS&DD Board for consideration – any new members require approval by the Board • Current PTAC members don't need to re-apply • Staff will follow up after the meeting with a question raised earlier by Matthew Morin about recycling and reuse in communities 	<p>Chair</p>

10.	INFORMATION ITEMS 10.1 Public/Technical Advisory Committee 2024 Work Plan 10.2 Regional Waste Flows August 2024	Chair
8.	ADJOURNMENT <ul style="list-style-type: none">• Adjourned at 5:11 pm	Chair

ATTACHMENT 1: Solid Waste Management Plan Update - Performance Metrics Breakout Group Discussion Summary

SOLID WASTE MANAGEMENT PLAN PUBLIC/TECHNICAL ADVISORY COMMITTEE

Key Topic Discussion Feedback Summary – September 13, 2024

At the September 13, 2024 Public/Technical Advisory Committee meeting, committee members in breakout groups provided input on the performance metrics study. This study was presented by Stantec and it is being used to support the solid waste management plan update.

The question that each breakout group discussed was:

What else do you think should be considered to develop the applicability criteria for the performance metrics?

A summary of feedback from the breakout groups is presented below:

Theme	Feedback
Reference source	<ul style="list-style-type: none"> • Consider global best practices in assessment of criteria (e.g., comparative analysis of best technologies and effectiveness re: incinerators, landfills, transfer stations and all avenues up and down the hierarchy) • Get inspiration from other countries • Get examples of metrics currently in use by more successful regions/municipalities globally
Metrics and considerations	<ul style="list-style-type: none"> • Consumption-based emissions metrics • Sustainable development goals (SDGs) • An exhaustive list of metrics is good, but we should finalize a dashboard of 10 key progress indicators which are priority – more manageable and useful • Tonnage per population is a key metric • Track contamination for organics and contamination in general • Track accessibility metrics • Public engagement metrics, such as number of partnerships. Metrics that show community support and collaboration • Greenhouse gas emissions targets – Alignment with Regional Priorities based on Board Strategic Plan • Cost – consider the costs of increasing reduction targets for waste diversion; economic implications; relatable to E&I community-based metrics • Metrics should be showing what we are aiming to achieve • Consider community-based projects in measurements • Show and track metrics for roadblocks (what is preventing achieving goals) • Metrics around circular purchasing (procurement)

<p>Terms / definitions / detail of measurement</p>	<ul style="list-style-type: none"> • Caution is needed when using the term “reuse” (when speaking about food waste) • Better clarity is needed on the tonnage destined for the incinerator • More transparency is needed on the composition of the waste to find out how much of it is actual organic materials, which should be calculated in a different waste stream for accuracy’s sake • Recovery and Residuals Management: need a breakdown of waste types destined for each landfill within Metro Vancouver • Measure volume as well as tonnage from each community destined for landfills (to help record miles driven and greenhouse gas emissions generated because of this)
<p>Localization</p>	<ul style="list-style-type: none"> • Smaller transfer sites to employ people, located within areas so tonnage can be better accounted for by community/locale • More local sorting options instead of large facilities to stimulate local action • More localized community engagement
<p>Other:</p>	<ul style="list-style-type: none"> • Take this opportunity to promote simple actions consume less fast food, and produce less waste – create pilot projects that can stimulate community involvement • Community events and Pop-up/drop-off events of items that are not part of extended producer responsibility programs • Understanding true circularity of materials with better data • Third party verification for recycling rates • The visual of the hierarchy may give a false sense of where we are – it’s aspirational but not where we are today. This could lead people to believe that we are doing better on waste reduction and recycling than we are. The hierarchy is inspirational, feel that it is appropriate for a long term plan

2024 SOLID WASTE MANAGEMENT PLAN PUBLIC/TECHNICAL ADVISORY COMMITTEE ACTION TRACKER

To be updated after every Public/Technical Advisory Committee (PTAC) meeting to keep track of the actions or tasks that Metro Vancouver staff are responsible for.

Meeting Date	Requested Action/Item	Assigned Staff	Status
September 7, 2023	<ul style="list-style-type: none"> Metro Vancouver to share lessons learned from innovative Metro Vancouver repair and reuse initiatives with PTAC 	Karen Storry	In-progress
September 13, 2024	<ul style="list-style-type: none"> Staff to provide a response to the inquiry of different disposal costs (Vancouver Landfill, Waste-to-Energy Facility, contingency disposal) to PTAC Zero Waste Committee Agenda - September 5, 2024 (metrovancover.org) 	Staff	Complete

Solid Waste Management Plan Public/Technical Advisory Committee

2024 Annual Work Plan

Meeting Date: November 21, 2024

An annual work plan for the committee will be developed by Metro Vancouver staff based on deliverables in the solid waste management plan development. The work plan will be reviewed annually by the committee, and will guide development of meeting agendas.

Priorities	
Item	Status
Solid Waste Management Plan Update – Vision and Guiding Principles Report Back	Complete
Solid Waste Management Plan Update – Issues/Opportunities Report Review	Complete
Solid Waste Management Plan Update – Phase 2: Idea Generation	In-progress
Waste-to-Energy Facility Tour	Complete
Disposal Ban Exemption Program Pilot	Complete
Performance Metrics Study Update	Complete
Residuals Management Options Scope Review	Complete
Concrete and Asphalt Recycling Opportunities Scope Review	Complete
<i>Integrated Solid Waste and Resource Management Plan</i> Biennial Report	Complete
Working Group Updates – Ongoing	Pending

2024 Meetings:

February 23, 2024

April 12, 2024

June 14, 2024 – Facility Tour

September 13, 2024

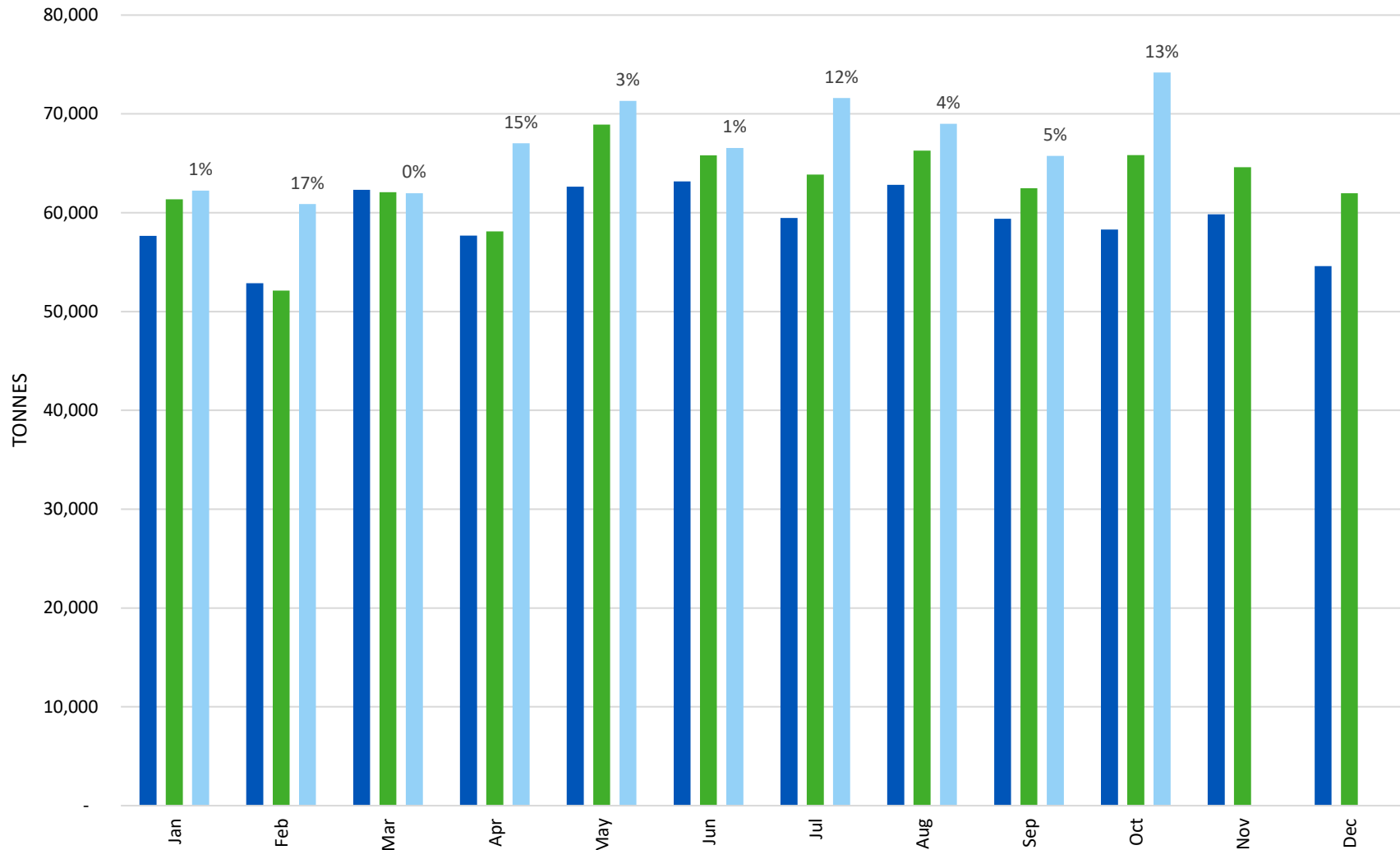
November 21, 2024 – PTAC Presentation Day

Working groups have established meeting frequency per group.

Metro Vancouver Waste Quantities* 2022 - 2024**

■ 2022 ■ 2023 ■ 2024

YTD % Change: 7%



**Data reconciled to Aug 2024

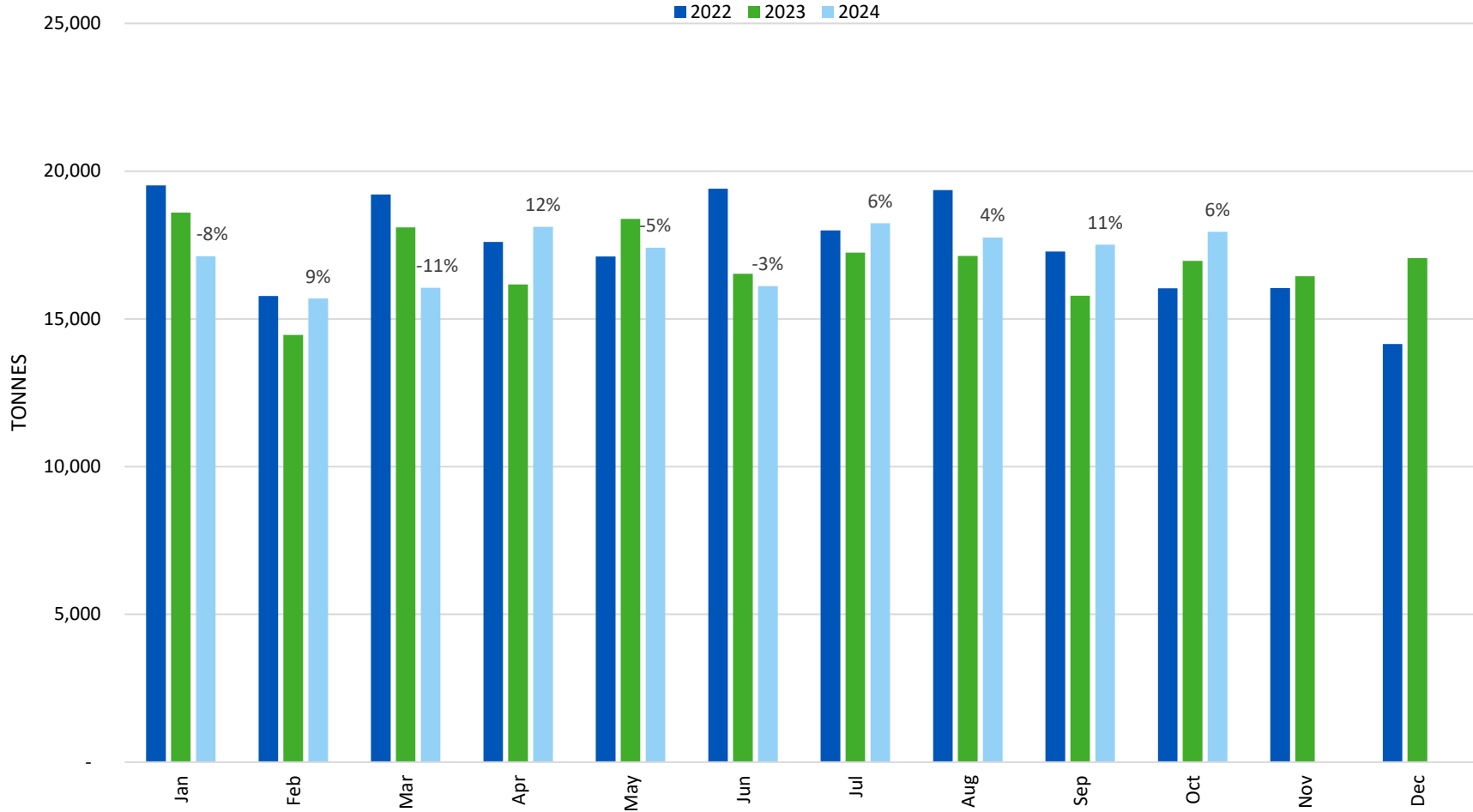
*Metro Vancouver's Six Recycling and Waste Centres & the Waste-to-Energy Facility

City of Vancouver Waste Quantities*

2022 - 2024

(Demo garbage not included)

YTD % Change: 2%



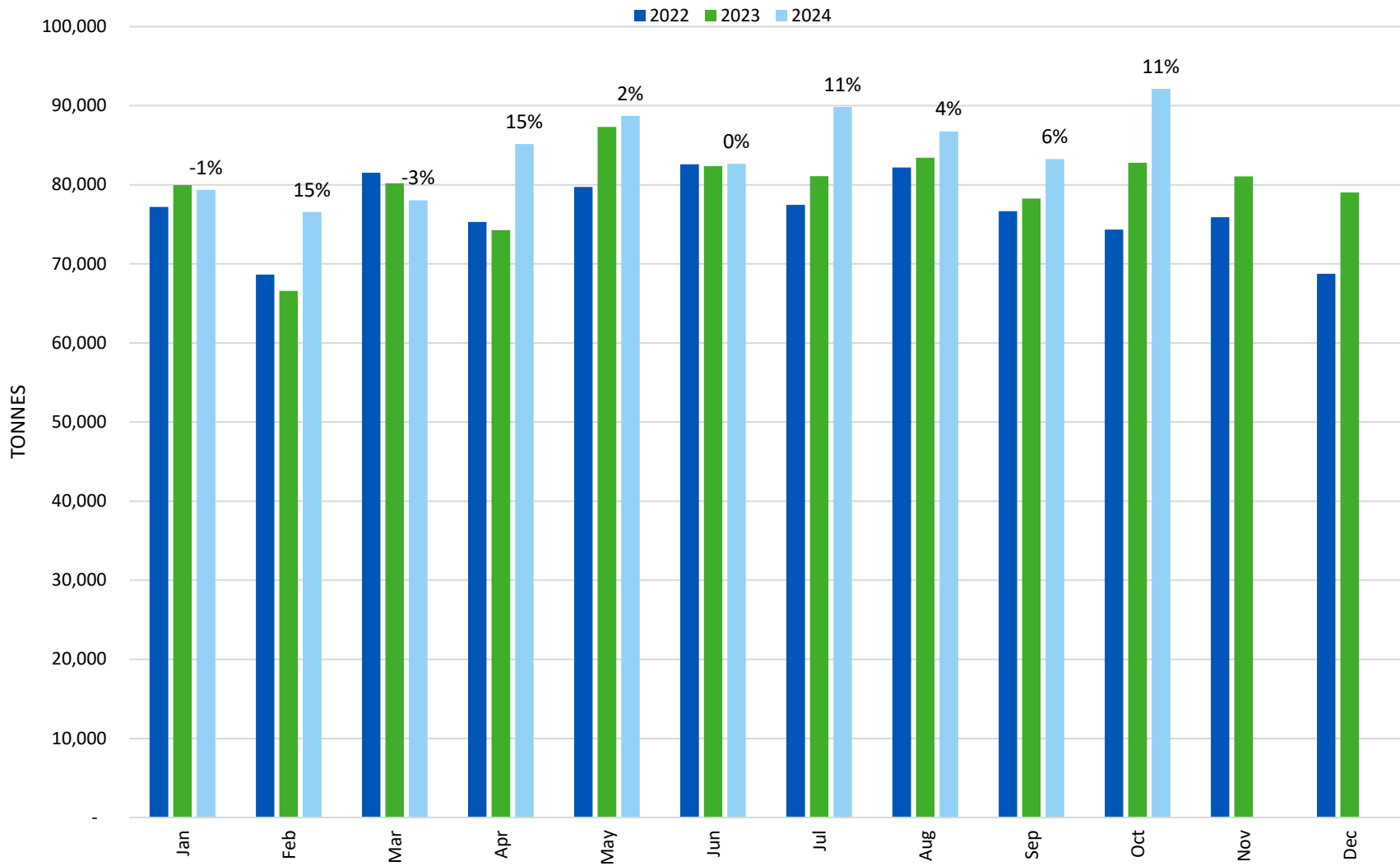
*Vancouver Landfill & Vancouver South Transfer Station

Metro Vancouver and City of Vancouver Waste Quantities

2022 - 2024*

(Demo garbage not included)

YTD % Change: 6%



*Metro Vancouver data reconciled to Aug 2024