

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

REGULAR MEETING

Friday, September 13, 2024
3:00 pm – 5:30 pm
Online Meeting

A G E N D A

ITEMS
1. WELCOME
2. AGENDA
3. MEETING NOTES – June 14, 2024 (Attachment 1)
4. ACTION/STANDING ITEMS 4.1 Action tracker (Attachment 2) 4.2 Incoming/outgoing communication
5. INDEPENDENT CONSULTATION AND ENGAGEMENT PANEL PRESENTATION (Attachment 3 and 4) Speakers: Andrea Reimer, Director Kirby-Yung, Veronika Bylicki, Cheryl Brooks
6. PTAC MEMBER PRESENTATIONS (5 Minutes) 6.1 Zero Waste BC Speaker: Sue Maxwell
7. WORKING GROUP UPDATES <i>For Information</i> Speaker: Chairs of Working Groups
8. METRO VANCOUVER UPDATES 8.1 Progress Update on Solid Waste Management Plan Timeline <i>For Information</i> Speaker: Terry Fulton, Senior Project Engineer, Solid Waste Services



8.2 Solid Waste Management Plan Update - Performance Metrics Update

For Input (Breakout Groups)

Speaker: Terry Fulton, Senior Project Engineer, Solid Waste Services and Lindsay Seidel-Wassenaar, Project Lead, Sonnevera

8.3 Metro Vancouver Updates

Zero Waste Committee and Organics Procurement Updates

For Information

Speaker: Paul Henderson, General Manager, Solid Waste Services

9. OTHER BUSINESS

9.1 Public Presentation Day to PTAC and Zero Waste Committee – November 7

For Information

Speaker: Chair Kirby-Yung

9.2 November 21 PTAC Presentation Day – Discussion on Format

For Input

Speaker: Chair Kirby-Yung

9.3 PTAC Recruitment for New Members – Open Until September 27

For Input

Speaker: Chair Kirby-Yung

10. INFORMATION ITEMS

10.1 Public/Technical Advisory Committee 2024 Work Plan (Attachment 5)

10.2 Regional Waste Flows August 2024 (Attachment 6)

Attachment 1: Draft Meeting notes – June 14, 2024 – Solid Waste Management Plan Public/Technical Advisory Committee

Attachment 2: Action Tracker

Attachment 3: Independent Consultation and Engagement Panel – Terms of Reference

Attachment 4: Independent Consultation and Engagement Panel – Member Biographies

Attachment 5: Public/Technical Advisory Committee 2024 Work Plan

Attachment 6: Regional Waste Flows August 2024

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

**Friday, June 14, 2024
Regular Meeting
2:00 pm – 3:00 pm**

Meeting Notes

Attendees: Director Craig Hodge (Vice-Chair), Brenda Martens, Brianne De Man, Doug Schell, Jamie Kaminski, Louise Schwarz, Matthew Morin, Michael Zarbl, Raman Johal, Sean Miles

Absent: Director Sarah Kirby-Yung (Chair), Alice Henry, Ben Liegey, Bill Chan, Christian Dietrich, Cody Irwin, Daniel Rotman, Grant Hankins, Hunter Bergen, Jake Turek, Jaye-Jay Berggren, John Doherty, Kevin Huang, Love-Ese Chile, Lyndsay Poaps, Sara Larter, Sue Maxwell, Tara Immell, Ulwiana Mehta-Malhotra, William Selten, Yasmin Abraham, Lori Bryan (IAC Chair)

Metro Vancouver Staff: Paul Henderson, Chris Allan, Adriana Velazquez, Karen Storry, Lynne Vidler, Brooke Atkinson, Stephanie Liu, Chris Clarke.

1.	INTRODUCTIONS <ul style="list-style-type: none"> Meeting started at 2:04pm 	Vice-Chair
	Welcome from the Vice-Chair <ul style="list-style-type: none"> Vice-Chair Hodge welcomed Committee members Informed that as this meeting is in-person, it will not be recorded or live-streamed. The meeting will be followed by the tour of the Waste-to-Energy Facility for those who are able to join A new committee member was introduced, Sean Miles from the Binners’ Project. Brianne De Man, previously representing the Binners’ Project, is still on the committee but has moved to a new position as director of EMBERS Eastside Works. 	
2.	AGENDA <ul style="list-style-type: none"> Reviewed the June 14, 2024 meeting agenda. 	Vice-Chair
3.	MEETING NOTES – April 12, 2024 <ul style="list-style-type: none"> Reviewed the April 12, 2024 meeting notes. 	Vice-Chair
4.	ACTION/STANDING ITEMS	Vice-Chair

	<p>4.1 Action tracker</p> <p>Metro Vancouver provided updates on the Action tracker.</p> <ul style="list-style-type: none"> The action item to schedule Engagement Panel to attend a future PTAC meeting is in-progress as staff have invited the Consultation and Engagement Panel members to be at the September 13, 2024 PTAC meeting to introduce themselves, their role, and work to date to support the engagement process of the solid waste management plan update. The action item to have staff present the Bottom Ash use process at the Waste-to-Energy Facility along with the solid waste management plan monitoring process for the current plan to PTAC is complete Staff outlined the bottom ash beneficial use process in the document posted online that replied to various inquiries from PTAC members. <p>4.2 Incoming/outgoing communication</p> <p>Vice-Chair Hodge invited members to share if they have received any communications since the last meeting related to the solid waste management plan or their participation on PTAC. No communications were noted.</p>	
<p>5.</p>	<p>PTAC MEMBER PRESENTATIONS</p>	
	<p>Vice-Chair Hodge reminded members to let staff know if they are interested in presenting to the committee.</p> <p>Presentations should be five minutes maximum, can be a verbal presentation with or without supporting materials, and should be on a topic relevant to the committee's work plan or terms of reference.</p> <p>There can be up to two member presentations at the beginning of each meeting.</p> <p>Presentations will be spread out across subsequent meetings if more than two members are interested per meeting.</p>	
<p>6.</p>	<p>WORKING GROUP UPDATES</p>	
	<p>The working group chairs and their alternates provided verbal updates.</p> <ul style="list-style-type: none"> Louise Schwarz provided the update on behalf of Sue Maxwell for the Plastics Management working group <ul style="list-style-type: none"> The discussed areas of interest for focused topics would be Extended Producer Responsibility (EPR) programs as well as the circularity of plastics. Louise Schwarz provided the update on behalf of Ben Liegey for the Food Waste and Organics Management working group <ul style="list-style-type: none"> The Food Waste and Organics working group has met three times and focused areas of discussion include prevention, reuse, recycling, food waste in the IC&I sector, and food waste policies and transparency. 	<p>Louise Schwarz, Brenda Martens</p>

	<ul style="list-style-type: none"> • The group has requested Metro Vancouver data on waste composition to see how much food waste Metro Vancouver facilities are receiving. This will help when providing suggestions and solutions to Metro Vancouver. • Brenda Martens provided the update for the Construction and Demolition (C&D) working group <ul style="list-style-type: none"> • The potential focus areas for this group could include: <ul style="list-style-type: none"> • Accountability and oversight of C&D waste • Facilitating markets for diverted C&D material • Salvaged and surpluses construction materials • Ways of managing C&D waste volumes and surges • Adoption of the Zero Waste Hierarchy for C&D 	
	<p>Solid Waste Management Plan Update</p> <p>Metro Vancouver provided information on the updated solid waste management plan update issues/opportunities discussion questions. These updates discussions questions can be used as a framework for the working groups focus area presentations at the November 21 presentation day.</p>	<p>Brooke Atkinson, Metro Vancouver</p>
7.	METRO VANCOUVER UPDATES	
	<p>7.1 Zero Waste Committee Updates</p> <p>Metro Vancouver provided updates on reports presented to the Zero Waste Committee at the June 13, 2024 meeting.</p> <p>Updates included:</p> <ul style="list-style-type: none"> • Tipping Fee Bylaw Updates • Solid Waste Management Plan Draft Vision and Guiding Principles <ul style="list-style-type: none"> • Revised to incorporate feedback received • Draft vision and guiding principles for consideration by the Board • Manager’s Report <ul style="list-style-type: none"> • Regional Food Recovery contract extension • Waste-to-Energy Facility Operations and Maintenance Contract • Renewal Development house moving event • Weigh scale software replacement/system launch 	<p>Paul Henderson, Metro Vancouver</p>
	<p>7.2 Disposal Ban Exemption Pilot Program</p> <p>Metro Vancouver provided a short update on the Disposal Ban Exemption Pilot Program. Updates include:</p> <ul style="list-style-type: none"> • Current disposal ban program limited by its reliance on visual inspection – need additional measures to encourage recycling 	<p>Paul Henderson, Metro Vancouver</p>

	<ul style="list-style-type: none"> • Metro Vancouver is developing a pilot to trial a hauler incentive program to increase recycling • Dillon Consulting helping to develop pilot program • Metro Vancouver will be reaching out to identify people for Dillon to interview to help develop program 	
8.	OTHER BUSINESS	
	<p>8.1 PTAC Recruitment for Additional Members Staff will begin a recruitment process for new members of PTAC in the next few months. Application information will be forwarded to members once it is posted, and all current PTAC members are encouraged to promote the recruitment process to their networks.</p> <p>Member discussion:</p> <ul style="list-style-type: none"> • Members suggested reaching out to organizations like EMBERS, ACCESS, and Blade Runners and university students. <p>Action Item: Metro Vancouver will send out a list of the sectors and indicate which ones are currently represented by PTAC membership and where the gaps are. Metro Vancouver will also send out a list of proposed organizations to reach out to for recruitment, for member comment.</p>	Vice-Chair
	<p>8.2 September PTAC Meeting Date Change – September 13 The previous September meeting date of September 26 has been changed to September 13. This will be an online meeting. Updated invitation has been sent to all members.</p>	Vice-Chair
9.	INFORMATION ITEMS	
	<p>9.1 Public/Technical Advisory Committee 2024 Work Plan</p> <p>9.2 Regional Waste Flows May 2024</p>	
	<p>ADJOURNMENT</p> <ul style="list-style-type: none"> • Adjourned at 2:52pm 	Vice-Chair

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
June 1, 2023	<ul style="list-style-type: none"> Schedule Engagement Panel to attend a future PTAC meeting 	Stephanie Liu	In-progress
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
February 23, 2023	<ul style="list-style-type: none"> Bring to PTAC a timeline and list of activities for what needs to be completed for the swmp update 	Staff	In-progress
April 12, 2024	<ul style="list-style-type: none"> Staff to present the Bottom Ash use process at the Waste-to-Energy Facility along with the solid waste management plan monitoring process for the current plan to PTAC 	Staff	Complete

Solid Waste Management Plan Independent Consultation and Engagement Panel

Terms of Reference

September 18, 2020

(Updated October 6, 2022)

PURPOSE

The Solid Waste Management Plan Independent Consultation and Engagement Panel (Consultation and Engagement Panel) was established by the Greater Vancouver Sewerage and Drainage District Board to act as an independent, third party engagement group. The Consultation and Engagement Panel will provide advice and recommendations to staff and the Board on issues related to engagement on the development of an updated solid waste management plan.

SCOPE OF WORK

At its November 15, 2019 Board meeting, the GVS&DD Board adopted the following resolution:

- a) authorize initiating an update of the regional solid waste management plan; and*
- b) direct staff to notify the public and First Nations of its intention to review the plan and bring an engagement plan to the Board in early 2020 in advance of initiating consultation on the plan update.*

The Consultation and Engagement Panel will review and advise on the development of the engagement plan and subsequently on the implementation of the engagement plan. The Consultation and Engagement Panel will advise staff and report out to the Board on engagement during all phases of the solid waste management plan development to ensure consultation is robust and adequate, and feedback is solicited from a variety of interested parties and stakeholders.

MEMBERSHIP

Membership on the Consultation and Engagement Panel will consist of three to five external representatives, with support from Metro Vancouver staff. The Consultation and Engagement Panel members will have extensive experience in engagement and represent a diverse range of regional perspectives.

The Board Chair, in consultation with the Zero Waste Committee Chair, will select individuals to the Consultation and Engagement Panel based on their skill set and experience in engagement on large public planning processes.

The Zero Waste Committee Chair will act as a liaison to the Consultation and Engagement Panel and will attend meetings. Others may be permitted to attend Consultation and Engagement Panel meetings in an observer or advisory role, if expressly invited or authorized to attend by the Consultation and Engagement Panel.

The Board Chair will designate a Consultation and Engagement Panel Chair. The Consultation and Engagement Panel Chair is the chief spokesperson on matters of public interest within the

Consultation and Engagement Panel's purview. For high profile issues the role of spokesperson rests with the Metro Vancouver Board Chair or Vice-Chair. On technical matters or in cases where an initiative is still at the staff proposal level, a senior staff member is the appropriate chief spokesperson.

MEETINGS

The Consultation and Engagement Panel will be engaged for the duration of the solid waste management plan update process, which is expected to take approximately three years. The Consultation and Engagement Panel will meet throughout the term, as required, by invitation of the Solid Waste Services General Manager. The Consultation and Engagement Panel will advise staff on a regular basis and report to the Board on its findings including any recommendations on proposed changes to the engagement plan or its implementation. Consultation and Engagement Panel members may also attend and observe engagement events. Consultation and Engagement Panel members will submit reports for each step of the engagement process, reflecting on the adequacy of the engagement.

Metro Vancouver staff will provide research, writing and administrative support to the Consultation and Engagement Panel.

Consultation and Engagement Panel meetings will be held virtually or at Metro Vancouver offices located at 4730 Kingsway in Burnaby, British Columbia. If unable to attend a meeting in person, a member may participate via videoconference, teleconference or other electronic means.

Records and information associated with the Consultation and Engagement Panel's efforts are considered confidential, and members will hold them in confidence, until such time that the records and information is released.

MANAGEMENT AND SUPPORT

Metro Vancouver's General Manager of Solid Waste Services serves as manager for the Consultation and Engagement Panel. In that capacity, the manager is responsible for coordinating agendas and is the principal point of contact for members.

Staff from Metro Vancouver's Solid Waste Services Department will provide minute-taking and record-keeping services, as well as providing procedural advice at the meetings, as required.

COMPENSATION AND EXPENSES

Independent Consultation and Engagement Panel members will be compensated on a per-meeting basis and for reasonable travel expenses. The Consultation and Engagement Panel Chair will also receive a monthly payment, equivalent to the remuneration received by a Consultation and Engagement Panel member for one meeting, for additional meetings with staff and routine business of the Consultation and Engagement Panel.

Funding for the Consultation and Engagement Panel is provided under Metro Vancouver's Solid Waste Services function to cover compensation, meeting expenses and travel costs or incidentals, consistent with Metro Vancouver's Travel and Business Expenses Policy.

Solid Waste Management Plan Independent Consultation and Engagement Panel

The Solid Waste Management Plan Independent Consultation and Engagement Panel, established by the Greater Vancouver Sewerage and Drainage District Board, was formed to act as an independent, third party advising Metro Vancouver staff and the Board on consultation and engagement. A comprehensive engagement program involving a broad range of stakeholders and perspectives will be a critical element in the development of an updated solid waste management plan. Recognizing this, Metro Vancouver has taken the unique approach of convening a panel of engagement experts to guide the development and implementation of a robust and inclusive engagement process. The Panel will report out to the Board on engagement during all phases of the solid waste management plan development.



Andrea Reimer – Chair

- Andrea Reimer is the owner of Tawaw Strategies, a consulting firm that offers strategic advice, coaching and training to leaders prepared to act with uncommon courage on climate, justice, governance reform and modernizing the economy.

- She is an educator at UBC and SFU, teaching on topics ranging from public policy to power, and public engagement to renewable energy transitions.
- Andrea was awarded a Loeb Fellowship from Harvard University’s Graduate School of Design in 2018, and in 2020 was the inaugural Policy Practitioner Fellow at UBC’s School of Public Policy and Global Affairs.
- Elected to municipal government for four terms between 2002-2018, Andrea served for a decade as a Vancouver City Councillor and Metro Vancouver Director and was the lead on initiatives such as the Greenest City, the Engaged City Task Force and Vancouver’s strategies to transition to 100% renewable energy and zero waste by 2040.
- Andrea has served on a wide range of boards and advisory committees, won numerous local, national and international awards, and is a sought after public speaker and frequent policy commentator.



Cheryl Brooks

- Cheryl Brooks is the President and CEO, Indigenuity Consulting Group, a consulting firm that is focused on strategy, negotiations, facilitation and sharing expertise in Indigenous Relations in the private and public sectors.

- After 11 years of working for indigenous organizations and holding several elected positions, she was the first aboriginal woman to achieve Associate Deputy Minister Status in the BC government, holding that position in the Ministry of Energy, Mines and Petroleum Resources.
- Cheryl founded and was the first manager of BC Hydro’s highly regarded Aboriginal Relations Department. She also developed and taught Indigenous Leadership, conflict resolution and negotiations at the Justice Institute and Royal Roads University and has written, edited and collaborated on several books and publications.
- In 1994, the Canadian Business Review recognized Cheryl as one of the first people in Canada to publically express that relationship building between indigenous and other peoples, was the needed foundation for solutions to socio-economic disparity and its resulting tensions and conflict.
- For over 25 years Cheryl’s work and voluntary efforts have been focused on creating practical approaches to developing relationships that deliver tangible benefits to both the aboriginal and non-aboriginal parties in relationships.

Solid Waste Management Plan Independent Consultation and Engagement Panel



Peter Fassbender

- Peter Fassbender is President of Fassbender Consulting Ltd., a strategic business consulting firm providing business development, marketing and communications consulting services to a diverse list of clients in the private and public service sectors.

- Peter had a successful and diverse business career in the marketing and communications field for over 45 years, most of which as a senior executive and partner in one of Canada’s leading and most successful advertising and communications firms. His clients ranged from large and multinational organizations, to provincial and federal government departments.
- In addition to his private sector career, Peter was active in a few public service roles including two terms as a School Board Trustee, City Councillor, three terms as Mayor of a Metro Vancouver Community.
- Peter also served as an MLA and Minister in the Government of British Columbia and held a few high-profile portfolios and responsibilities.
- Peter over the years, has and continues, to serve on a number of community-based boards and committees, helping to build stronger and resilient communities.



Veronika Bylicki

- Veronika Bylicki is an engagement innovator and community builder, and is the Co-founder of CityHive, a youth-centred non-profit on a mission to transform the way young people are engaged in city planning, decision making and climate action.

She served as the Executive Director for 7 years, building the organization to become a go-to hub for governments seeking to engage youth.

- A lifelong Vancouverite, she is passionate about creating more sustainable, resilient, just cities and amplifying the meaningful engagement of residents in addressing urban challenges.
- She completed her BSc in Global Resource Systems at UBC, with a specialization in Urban Sustainability, Policy and Planning. Her experience includes working in sustainability education, sustainability engagement, environmental policy and participatory design.
- Veronika was awarded as a Top 25 Under 25 Environmentalist in Canada in 2015, was a Social Innovation Fellow at RADIUS SFU and is a Dialogue Associate with the Morris J Wosk Centre for Dialogue.



**Director, Metro Vancouver Board
Sarah Kirby-Young – Zero Waste Committee Liaison**

- Metro Vancouver Board Director Sarah Kirby-Young is currently serving her second term on Vancouver City Council.
- Director Kirby-Young is on the Metro Vancouver Board and is the Chair of the Zero Waste Committee.
- Director Kirby-Young is a National Zero Waste Council Board member, Liquid Waste Committee member, Pacific National Exhibition Chair, Vancouver Art Gallery Trustee, and Union of BC Municipalities Executive.
- Previously, she served as Commissioner and Chair of the Vancouver Park Board and her professional background is in marketing and communications, tourism, and hospitality.

Solid Waste Management Plan Public/Technical Advisory Committee

2024 Annual Work Plan

Meeting Date: September 13, 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	In-progress
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

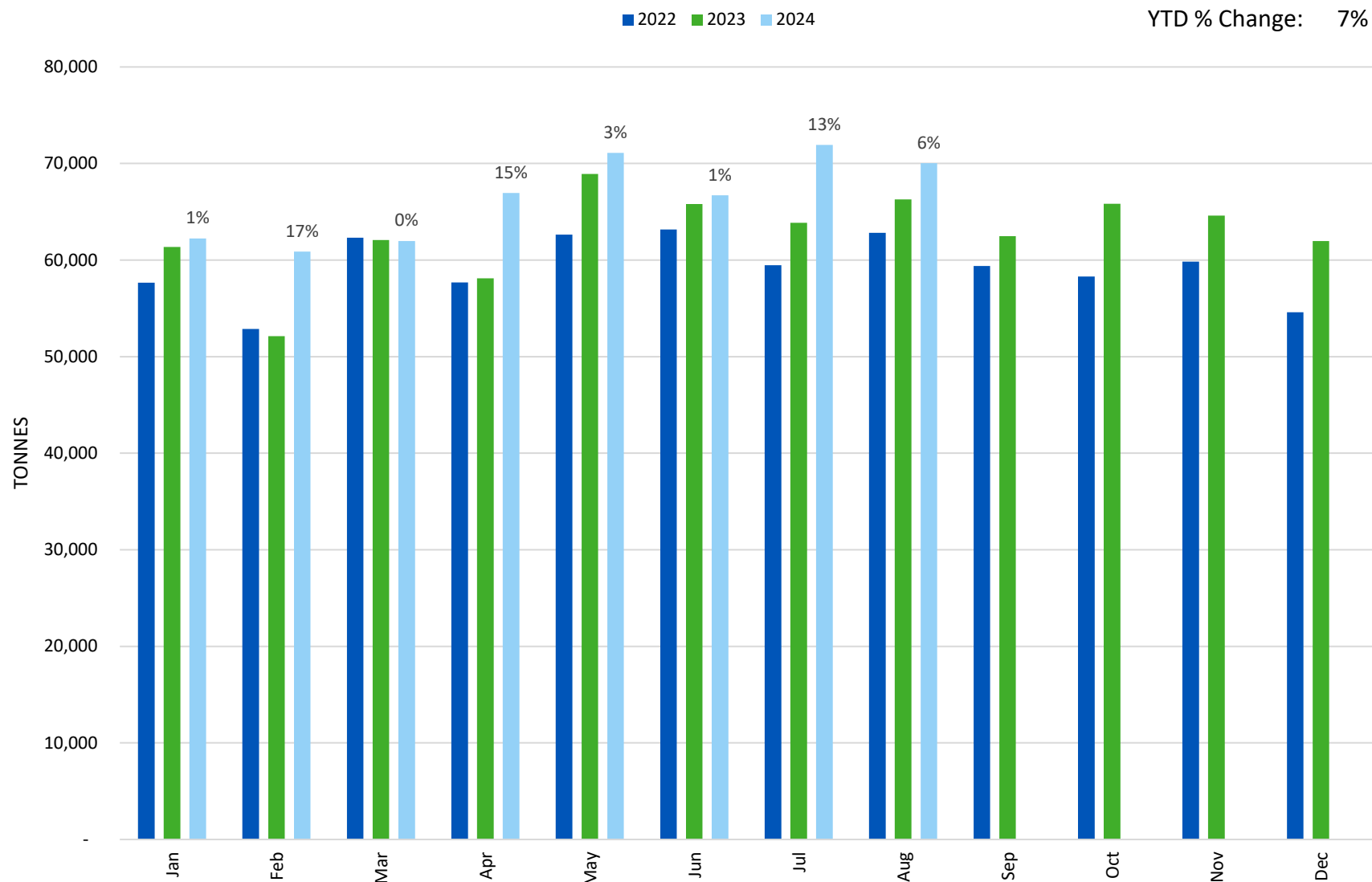
June 14, 2024 – Facility Tour

September 13, 2024

November 21, 2024 – PTAC Presentation Day

Working groups have established meeting frequency per group.

Metro Vancouver Waste Quantities* 2022 - 2024**



**Data reconciled to Feb 2024

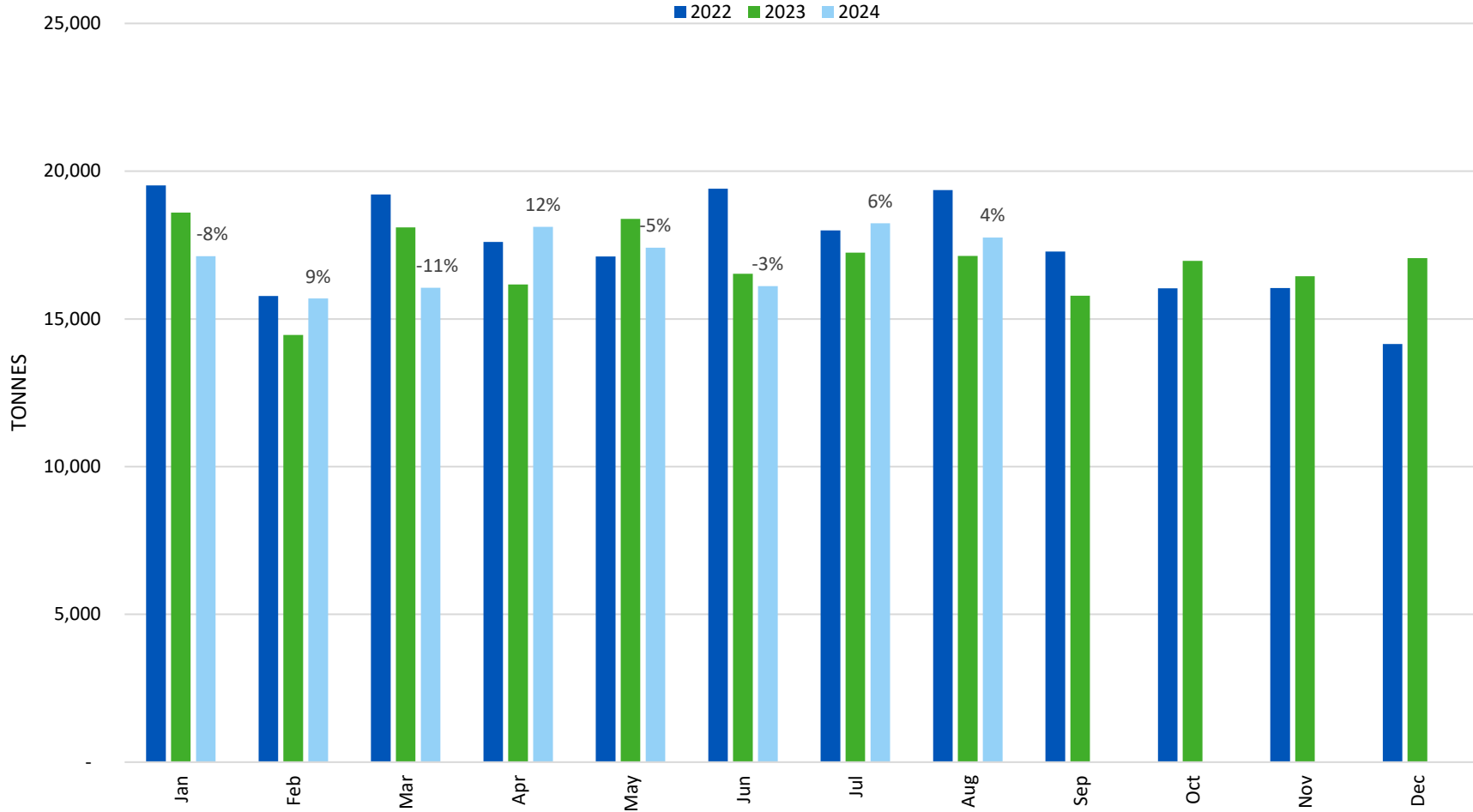
*Metro Vancouver's Six Recycling and Waste Centres & the Waste-to-Energy Facility

City of Vancouver Waste Quantities*

2022 - 2024

(Demo garbage not included)

YTD % Change: 0%



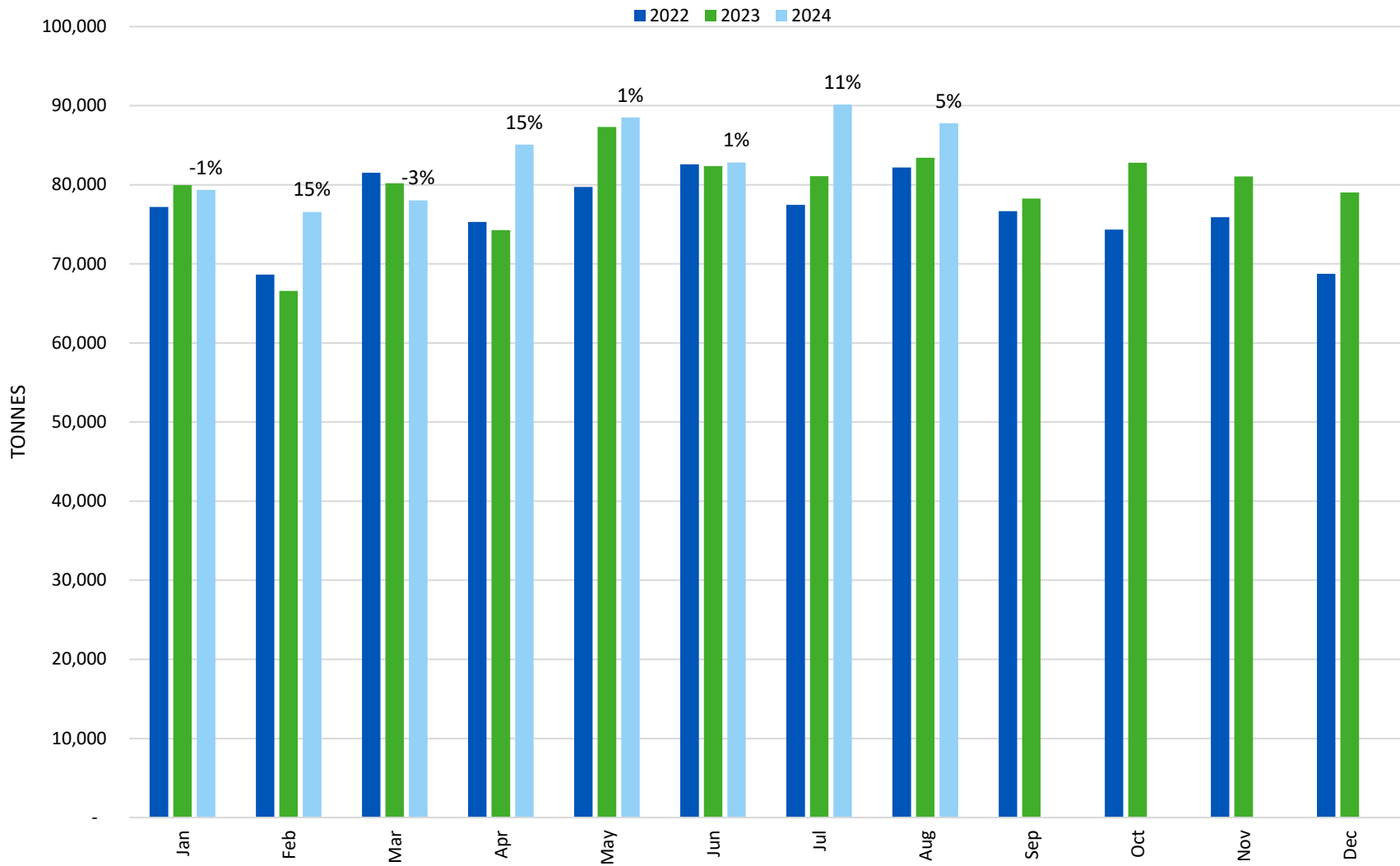
*Vancouver Landfill & Vancouver South Transfer Station

Metro Vancouver and City of Vancouver Waste Quantities

2022 - 2024*

(Demo garbage not included)

YTD % Change: 5%



*Metro Vancouver data reconciled to Feb 2024