



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

**Tuesday, May 12, 2026
2:00 pm – 4:00 pm
Zoom Teleconference**

A G E N D A

1. AGENDA

1.1 May 12, 2026 Meeting Agenda 2:00 – 2:05 pm

2. MINUTES

2.1 April 7, 2026 Meeting Minutes 2:05 – 2:10 pm

3. REPORTS AND ITEMS FOR DISCUSSION

3.1 Source Reduction Hauler Incentive Program 2:10 – 2:50 pm
For plenary discussion

Designated Speakers: Veronica Bartlet and Heidi Gerlach, Dillon Consulting

- *What are your initial thoughts on the concept of an incentive?*
- *What barriers or operational issues do you see to implementing an incentive program like this?*
- *What would be key to making this program successful? What rebate would be required to support it?*

4. OTHER BUSINESS

4.1 Zero Waste Committee and Other Updates 2:50 – 2:55 pm
For information

Designated Speaker: Paul Henderson, General Manager, Solid Waste Services

- *Letter: Request for Ban on the Import and Sale of Valved Single-Use Nitrous Oxide Cylinders*
- *Draft letter: Garbage and Organics Tipping Fee Increase - July 1, 2026*

4.2 Committee Coordination Updates 2:55 – 3:00 pm
For information

Designated speaker: Samantha Joy, Engagement Specialist, Solid Waste Services

- *Draft IAC Member Biographies*

5. INFORMATION ITEMS

3:00 – 3:05 pm

5.1 Regional Waste Flows**5.2 IAC 2026 Work Plan****5.3 IAC Meeting Action Tracker**

Proposed agenda timings are intended to support effective meeting facilitation. Items requiring further discussion that cannot be accommodated within the regular meeting time may be deferred to a future agenda or addressed in a specially scheduled meeting.

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	Kheyrandish, Ata – Richmond Steel Recycling	Millman, David – WM
Baker, Todd – Ecowaste Industries Ltd.	Kiani, Aiden – Lock-Block Ltd.	Muir, Wesley – Veolia Canada
Bryan, Lori – WMABC	Lannin, Mike – Super Save Group	Pantazopoulos, Dimitri – Waste Connections of Canada
Collins, James – Tymac Launch Service Ltd.	L'Heureux, Lindsay – Recycle BC	Punja, Rustam – Geocycle Canada Inc.
Drissi El-Bouzaidi, Nabil – Ecowaste Industries Ltd.	Ligumksy, Alan – Peak Disposal Services Inc	Sigmund, Sandy – Encorp, Return-It
Hakimé, Maya – Merlin Plastics	Lotzkar, Jacqueline – Canadian Association of Recycling Industries (CARI)	Skei, Dayton – EverGen Infrastructure Corp.
Hankins, Grant – Canada Minibins.com Ltd.	Mac Neil, Patrick – Wescan Disposal Ltd.	Vargas, Pinky – Republic Services
Johnson, Gord – Empower/Northstar	MacFarlane, Angus – Growing City	Von Stefenelli, Nicole – Urban Impact Recycling Ltd
Kaminski, Jamie – HSR Zero Waste	Mallari, Achilles – Sierra Waste Services Ltd.	Watson, Jason – JW Recycle-IT Inc.
Kawakami, Sean – Convertus Group	McRae, Ralph – Revolution	Zarbl, Michael – Major Appliance Recycling Roundtable

**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 via Zoom teleconference from 2:00 p.m. to 4:00 p.m. on Tuesday, April 7, 2026.

MEMBERS PRESENT:

Craig Hodge, Director, Zero Waste Committee
(Co-Chair)

Bryan, Lori, Executive Director, Waste

Management Association of BC (Co-Chair)

Abrams, Izzie – Waste Connections of Canada

Collins, James – Tymac Launch Service Ltd.

Hakimé, Maya – Merlin Plastics

Hankins, Grant – Canada Minibins.com Ltd.

Johnson, Gord – Northstar

Kawakami, Sean – Convertus Canada Ltd.

Kheyrandish, Ataollah – Richmond Steel

Kiani, Aiden – Lock-Block Ltd

Lannin, Mike – Super Save Group

L'Heureux, Lindsay – Recycle BC

Ligumsky, Alan – Peak Disposal Services Inc.

MacFarlane, Angus – Growing City

MacNeil, Patrick – Wescan Disposal Ltd.
Canada Corp.

Mallari, Achilles – Sierra Waste Services Ltd.

McRae, Ralph – Revolution Infrastructure Inc.

Millman, David – Waste Management of
Canada Corporation

Muir, Wesley – Veolia North America
(Canada)

Stefenelli, Nicole – Urban Impact
Recycling Ltd.

Pantazopoulos, Dimitri – Waste Connections
of Canada

Skei, Dayton – Evergen Infrastructure Corp.

Vargas, Pinky – Republic Services

MEMBERS ABSENT:

Baker, Todd – Ecowaste Industries Inc.

Drissi El-Bouzaidi, Nabil – Ecowaste Industries
Ltd.

Kaminski, Jamie – HSR Zero Waste

Lotzkar, Jacqueline – Canadian Association of
Recycling Industries (CARI)

Punja, Rustam – Geocycle Canada Inc.

Sigmund, Sandy – Encorp Pacific Canada,
Return-It

Watson, Jason – JW Recycle-IT Inc.

METRO VANCOUVER AND CITY OF VANCOUVER STAFF:

Terry Fulton, Senior Project Engineer, Metro
Vancouver

Paul Henderson, General Manager, Metro
Vancouver

Samantha Joy, Engagement Specialist, Metro
Vancouver

Stephanie Liu, Manager, Community
Engagement, Metro Vancouver

Zeenia Mizan, Program Assistant, Metro
Vancouver

PREPARATION OF MINUTES: Priya Kullar, Raincoast Ventures Ltd.

**METRO VANCOUVER REGIONAL DISTRICT
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**Tuesday, April 7, 2026
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Zoom Teleconference**

A G E N D A

- 1. AGENDA**
 - 1.1 April 7, 2026 Meeting Agenda**
- 2. MINUTES**
 - 2.1 March 10, 2026 Meeting Minutes**
- 3. REPORTS AND ITEMS FOR DISCUSSION**
 - 3.1 Revised Draft Plan**
For information
Designated speaker: Terry Fulton, Senior Project Engineer, Solid Waste Services
 - 3.2 Plan Implementation and Reporting**
For information and Q&A
Designated speaker: Terry Fulton, Senior Project Engineer, Solid Waste Services
- 4. OTHER BUSINESS**
 - 4.1 Zero Waste Committee and Other Updates**
For information
Designated Speaker: Paul Henderson, General Manager, Solid Waste Services
 - 4.2 Tipping Fee Updates**
For information
Designated Speaker: Paul Henderson, General Manager, Solid Waste Services
- 5. IAC Member Co-Chair Election**
- 6. INFORMATION ITEMS**
 - 6.1 Regional Waste Flows**
 - 6.2 IAC 2026 Work Plan**
 - 6.3 IAC Meeting Action Tracker**
 - 6.4 Zero Waste Committee – April 2, 2026 Meeting Agenda Package (Revised Draft Solid Waste Management Plan)**

MEETING MINUTES

Co-Chair Craig Hodge, called the meeting to order at 2:04 p.m. and welcomed attendees to the Solid Waste and Recycling Industry Advisory Committee Meeting.

Housekeeping reminders were provided, including that the meeting was being live-streamed and the recording would be posted to the Industry Advisory Committee webpage.

1. AGENDA

1.1 April 7, 2026, Meeting Agenda

Co-Chair Hodge reviewed the April 7, 2026, meeting agenda. No additions were made.

2. MINUTES

2.1 March 10, 2026, Meeting Minutes

Co-Chair Hodge called for any additions or changes to the Minutes of the March 10, 2026, Industry Advisory Committee meeting. No additions or changes were made.

Co-Chair Hodge advised that the February 2026 meeting minutes and feedback summary were updated to reflect the amendments requested by members in relation to the round-robin feedback.

3. REPORTS AND ITEMS FOR DISCUSSION

3.1 Revised Draft Plan

Terry Fulton, Senior Project Engineer, Solid Waste Services, Metro Vancouver, shared a presentation titled "Revised Draft Solid Waste Management Plan and Initial Draft Plan Feedback Summary." Highlights included:

- Engagement statistics
- Initial draft plan feedback provided by the Industry Advisory Committee
- Highlight of some revisions made to the initial draft plan based on feedback:
 - Added a strategic principle of prioritizing local solid waste management solutions:
 - Bundles together actions that work toward local solutions for managing waste.
 - Local solutions increase resilience, reduce transportation greenhouse gas (GHG) emissions, and create local employment and economic benefit
 - 2036 targets added, including by sector
 - Focus areas added to highlight key strategies and actions (including multi-family and construction and demolition sectors)
 - Strengthened the language used in the strategies and actions
 - Enhanced actions related to education
 - Expanded financial section and added plan implementation schedule
- Next steps include consideration by the Greater Vancouver Sewage and Drainage District Board, a public comment period on the revised plan, and submission of the draft plan to the Ministry of Environment and Parks for approval.

Discussion ensued, and the following questions and comments (Q/C) and *responses (R)* were captured:

Q/C: It doesn't feel like the feedback received from Industry Advisory Committee members is being reflected in the work Metro Vancouver is doing. The concerns being raised seem to be optimistically phrased in the minutes and feedback summaries and don't highlight the significance of the issues being shared. Metro Vancouver often communicates in a way that seems positive, but it is misleading.

Q/C: Metro Vancouver's statistics are inaccurate, for example, the diversion/recycling rate is quoted at 65%, but is closer to 30% depending on how materials are measured.

Q/C: Is there a mandate to mirror the GHG emissions targets?

R: *Reducing GHG emissions was a theme throughout engagement on the draft solid waste management plan. The GHG emissions targets reflect engagement feedback and align with Metro Vancouver's Climate 2050 Strategic Framework.*

Q/C: If Metro Vancouver adopts the strategies being presented to reduce GHG emissions, it could impact the public financially, and families will be required to pay a lot of money. This is not being communicated to the public, and transparency is needed.

Q/C: Are the members of the Public/Technical Advisory Committee privy to the information being shared by the Industry Advisory Committee members? Surprisingly, the Public/Technical Advisory Committee thinks the rates and projections being presented are good. It would be beneficial to see how communication with other committees is done to ensure the Industry Advisory Committee feedback is being properly reiterated.

R: *All feedback received during the draft plan engagement phase is being shared to provide clarity on the draft plan. There were three reports submitted to the Zero Waste Committee, which are available on Metro Vancouver's website, along with the livestream recording.*

3.2 Plan Implementation and Reporting

Terry Fulton shared a presentation titled "Plan Implementation and Reporting" and highlighted:

- The Province recommends forming a Plan Monitoring Advisory Committee after the draft plan is approved
- The monitoring committee is intended to represent a variety of interests, experiences, and expertise; details are in development.
- Members would likely receive updates on the plan's progress in conjunction with annual summary statistics.

- For this type of committee, a Terms of Reference would be created and approved by the Zero Waste Committee and the Greater Vancouver Sewerage and Drainage District Board, prior to moving ahead with a call for Committee members.

Discussion ensued, and the following question and comment (Q/C) was captured:

Q/C: There is a digester in Surrey that takes in 100,000 tonnes of materials from a variety of sources in a year. The minute you put food scraps into commercial organics, the material is contaminated with plastic. It is virtually impossible to remove any foreign matter, resulting in 30-40% of waste material. This material should be going to a landfill or be processed multiple times to reduce the plastic fines in the process.

However, another suggestion would be to revisit historical decisions to include plastics in the residential organics stream. This would be more constructive and lead to a positive outcome at a lower cost.

If a committee or panel is formed to support moderating the plan, Metro Vancouver needs to be mindful that there are industry members who can provide constructive feedback to help drive positive results. We need people in the room who can make a difference.

Terry Fulton shared that the current annual and biennial reporting process will be updated to include the primary and secondary metrics included in the draft plan as well as plan related expenditures.

4. OTHER BUSINESS

4.1 Zero Waste Committee and Other Updates

Paul Henderson, General Manager, Metro Vancouver, provided the following Zero Waste Committee and other updates:

- A Zero Waste Committee meeting occurred on April 2, 2026, with three reports related to the solid waste management plan update.
- The draft plan was endorsed by the Zero Waste Committee and will be considered by the GVS&DD Board at the April 24, 2026, meeting
- If the draft Solid Waste Management Plan is supported by the Board, there will be an additional opportunity to provide comments on the draft Plan before being submitted to the Ministry of Environment and Parks
- Also presented at the April 2 Zero Waste Committee meeting was a report related to organics at North Shore Recycling and Waste Centre, Maple Ridge Recycling and Waste Centre, and Langley Recycling and Waste Centre.
 - A recommendation was made for a contract to be awarded to Arrow for receiving, processing, and transporting material following a competitive procurement process
 - A key change since the last procurement process for these services is the addition of organics collected multifamily and commercial/institutional sources

- This material started to be received at North Shore Recycling and Waste Center in 2021 and makes up approximately 40% of all the organic materials going into the facility, which is an excess of 20,000 tonnes per year
- Observed significant price increases compared to the current contract

4.2 Tipping Fees

Paul Henderson provided an update on changes to tipping fees, which included:

- The Zero Waste Committee received a report related to changes in tipping fees, effective July 1, 2026, which proposes an increase to rates for municipal organics, collected by the five municipalities on the North Shore, and an increase in the commercial organics rate from \$150/tonne to \$175/tonne:
 - This change will effectively cover the unit rate for each additional tonne of commercial organics
 - The overall cost of that contract in addition to this, in order to fund the cost of that contract, an additional proposal for \$2/tonne increase in the medium and large loads across the system for garbage
 - The \$175/tonne is already over the cost of garbage disposals, and if Metro Vancouver layered in the full cost, it would be over \$200/tonne
- If the Board approves this proposal, all customers would be notified of these increases, which will be effective July 2026.

Discussion ensued regarding both Item 4.1 Zero Waste Committee Updates and Item 4.2 Tipping Fees, and the following questions and comments (Q/C) and *responses (R)* were captured:

Q/C: How does the Extended Producer Reliability program and Recycle BC fit into this?

R: The producers of packaging and paper materials from residential sources are responsible for funding recycling of those materials. Information from Recycle BC and other data points from various sources is used for the calculations that are reported, which is why it takes time to assemble diversion statistics each year.

R: Regional districts are responsible for developing solid waste management plans that apply to all municipal solid waste, not just the materials collected at Metro Vancouver facilities.

Q/C: Where is Metro Vancouver at with respect to the allowable level of organics in waste dump transfer stations? Is it still 25%?

R: There are no changes to the tipping fee by-law with respect to the disposal ban limits.

Q/C: If Metro Vancouver moved the current 25% back down to 5%, there would be a significant increase in the amount of organics diverted. Currently, waste containers and organic containers are being dumped into the same truck. There is less motivation

to separate commercial organics. By increasing this to 25%, Metro Vancouver drove many organics collection services out of the market.

Q/C: What is the status of The Southern Star facility and how is the issue going to be resolved?

R: *No current update has been received, but it is believed that the materials are still on-site pending action by the Vancouver Port Authority.*

Q/C: Despite many complaints about the materials on that site, nothing has been actioned, and this is a major concern that should be addressed. The amount of materials is over the licensed allowable amount. The reason the materials have been piled onsite is because they could not be recycled. There is concern that this type of situation could be replicated by the actions contained in the draft plan. At this point in time, not all materials can be recycled. Request that Metro Vancouver recalculate recycling and diversion rates.

Q/C: The report that was published in the Zero Waste Committee agenda cited a total cost contract value of \$80.5 million, but the Request for Proposals cited \$10.75 million. Can more information be shared about the discrepancy in the procurement process?

R: *Our procurement process typically requests proposals based on one year of operations. The report presents the total proposal value by combining material rates and estimated quantities with fixed operating costs. However, calculating the full contract value for the maximum 5.5-year term requires accounting for inflation, projected quantities, and other assumptions. Actual material volumes, and total contract value, may fluctuate, particularly due to uncertainty around potential increases in commercial organics.*

Q/C: There was a note stating that staff continue to look at more local processing. What is the objective of developing processing infrastructure?

R: *The Board has directed to provide support with additional local processing. This is still being worked on, but the report notes that there is a request to consider this, and next steps need to be determined.*

Q/C: Can the rationale be expanded regarding the medium and heavy loads that will be subsidized? The cost of living in the Lower Mainland is very expensive, and not all customers are generating these loads. A cost model and mapping should be done, as cross-subsidization may cause problems. A strong rationale needs to be shared, and how the market should be approached.

R: *When Metro Vancouver received pricing, it was evident that organics processing rates would significantly increase, and it was determined that the best solution would be to*

fund the additional costs of the contract with increases to tipping fees. From Metro Vancouver's perspective, the commercial and institutional sectors are contributing to these organics, so this was the most appropriate strategy.

Q/C: The challenging decision is appreciated, but Metro Vancouver is encouraged to think of other strategies. Cross-pollination when subsidizing is masking the problem and not addressing the actual issue. The open market might have better solutions, and Metro Vancouver should consider this.

Q/C: Organics need to be removed from the waste stream – Metro Vancouver should charge what it actually costs to deal with them.

Q/C: The cost of stripping plastics away is also a time-consuming process. It is suggested to go back to how things were handled in 2015 because it made more sense. The organics stream is the most problematic waste stream because it costs more to deal with it, but it is worth doing.

Q/C: There was a scenario where local organic processors were heavily regulated and felt they had to leave the region to be successful. Our governance is very strict, especially if more regulations are introduced. Recycle BC has been unable to share information related to their requirements. If bigger companies are meeting expectations, then the information on how to be successful should be shared with others.

5. IAC Member Co-Chair Election

Co-Chair Hodge stated that a Co-Chair will be elected for a term of one year by a 50%+1 majority vote of voting members present, noting that voting members are defined as Industry Advisory Committee members who have held membership for at least one month prior to the day of the vote.

Lori Bryan, Waste Management Association of BC, was nominated during the March 2026 meeting. Nominations were called by Co-Chair Hodge three times; Lori Bryan was the only nominee.

Lori Bryan was congratulated for being elected to the role of Co-Chair, and she shared sentiments, including a commitment to continue to raise concerns, lead fulsome discussions, and bring forward solutions to the industry. Co-Chair Bryan stated her commitment to the Industry Advisory Committee members and ensuring their voices and concerns will be addressed appropriately.

6. INFORMATION ITEMS

6.1 Regional Waste Flows

6.2 IAC 2026 Work Plan

6.3 IAC Meeting Action Tracker

6.4 Zero Waste Committee – April 2, 2026 Meeting Agenda Package (Revised Draft Solid Waste Management Plan)

7. ADJOURNMENT

The next regular Solid Waste and Recycling Industry Advisory Committee meeting will be held on May 12, 2026.

The Solid Waste and Recycling Industry Advisory Committee meeting adjourned at 3:23 p.m.

DRAFT

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

April 27, 2026

File: PE-12-01

The Honourable Marjorie Michel, P.C., M.P.
Minister of Health
House of Commons
Ottawa, ON K1A 0A6
VIA EMAIL: hcmminister.ministresc@hc-sc.gc.ca

The Honourable Julie Dabrusin, P.C., M.P.
Minister of Environment, Climate Change and Nature
House of Commons
Ottawa, ON K1A 0A6
VIA EMAIL: ministre-minister@ec.gc.ca

Dear Minister Michel and Minister Dabrusin:

Request for Ban on the Import and Sale of Valved Single-Use Nitrous Oxide Cylinders

At its March 27, 2026, regular meeting, the Board of Directors of the Greater Vancouver Sewerage and Drainage District (Metro Vancouver) passed the following resolution:

THAT the GVS&DD Board:

- a) Request that the Board Chair and Zero Waste Committee Chair write to Canada's Minister of Health and Minister of Environment, Climate Change and Nature requesting the prohibition of the import and sale of single-use valved nitrous oxide cylinders; and*
- b) direct staff to work with other entities such as local health authorities, the Retail Council of Canada, and the Federation of Canadian Municipalities in support of requesting a prohibition of the import and sale of single-use valved nitrous oxide cylinders.*

Metro Vancouver requests that the Government of Canada prohibit the import and sale of large single-use valved nitrous oxide cylinders. These cylinders are sold on-line and in smoke and vape shops, and typically range in size from 600 grams to 3,000 grams per cylinder.

In addition to the health risks associated with inhalation of nitrous oxide (as noted by Health Canada), inappropriately disposed cylinders put workers at risk, and cause equipment damage and environmental impacts. There are significant costs resulting from the inappropriate disposal of the cylinders that are estimated to be in the order of millions of dollars per year to Metro Vancouver alone. The cylinders are used for no other purpose than inhalation.

84008947

Nitrous Oxide Cylinders – Status and Safety Concerns

Metro Vancouver is responsible for waste reduction, recycling planning, and operating a series of solid waste management facilities in the Metro Vancouver region. Over the last few months, Metro Vancouver's contractor staff noted a significant increase in nitrous oxide cylinders in the garbage at our facilities, damaging equipment and posing serious safety risks to workers and the public. In addition to the general risk of compressed gas cylinders in the garbage, there have been explosions at the Waste-to-Energy Facility linked to cylinders in the garbage. Inappropriate disposal of the cylinders also creates greenhouse gas emissions and may impact emissions at the Waste-to-Energy Facility.

Metro Vancouver started a new free recycling option for dropping off large single-use nitrous oxide cylinders at solid waste management facilities late in 2025 and is receiving approximately 700 cylinders per month. Additionally, as suggested by Health Canada staff, Metro Vancouver has identified and reported to Health Canada a number of businesses selling single-use valved nitrous oxide cylinders in the Metro Vancouver region at storefronts or online. Metro Vancouver estimates there are approximately 100 vape and smoke shops in the region selling the large single-use, valved nitrous oxide cylinders.

To Metro Vancouver's knowledge, the only use of these large valved single-use cylinders is for the purpose of inhalation. Metro Vancouver staff have communicated with Retail Council of Canada and learned that they are not aware of any of their members selling the large valved single-use cylinders. Additionally, the BC Restaurant & Food Services Association confirmed that no food industry participants are using the large valved single-use cylinders. Local food equipment suppliers also confirmed they are not providing any of the large valved single-use cylinders for food service applications. Further discussions with major gas suppliers that provide a refillable service, such as Air Liquide and Linde, confirmed that nitrous oxide is typically supplied in reusable cylinders for medical purposes, automotive applications, and research labs. They are not aware of any of the large single-use valved cylinders being used for any of these purposes.

Metro Vancouver's research along with communications from the Retail Council of Canada, the BC Restaurant & Food Services Association, food equipment suppliers, and gas suppliers confirms that the only purpose for the large valved single-use cylinders of nitrous oxide is inhalation.

Cost Implications

The cost impacts of nitrous oxide cylinders in the garbage are still being assessed; however, if current trends continue, costs could be in the millions per year. Costs are related to explosions causing damage to facilities, and down-time for repairs at Metro Vancouver's Waste-to-Energy Facility, in addition to the cost of collecting recycling nitrous oxide cylinders to keep them out of the garbage.

Request

Metro Vancouver requests that Health Canada prohibit the import and sale of large single-use valved nitrous oxide cylinders.

We appreciate your attention to this matter and would like to work with your staff on next steps. As such, we will be following up with your office. Staff are also welcome to reach out to Jean Lawson, Program Manager, Intergovernmental Relations, at jean.lawson@metrovancover.org or 778-452-2633.

Yours sincerely,



Mike Hurley
Board Chair

MH/SKY/PH/sl

84008947



Sarah Kirby-Yung
Chair, Zero Waste Committee
Metro Vancouver

Re: Garbage and Organics Tipping Fee Increase – July 1, 2026

On April 24, 2026, the Metro Vancouver Board approved fee increases for organics dropped off at Metro Vancouver solid waste facilities and for loads of garbage heavier than 1 tonne. The changes follow the public procurement and award of a contract for processing organics including food scraps produced by multi-family and commercial/institutional generators. As a result of current market conditions, the new contract price substantially exceeds the rates charged under the current contract.

Tipping fee adjustments are typically approved by Metro Vancouver's Board each fall and take effect each January, but given the magnitude of the increase in organics processing costs, a mid-year tipping fee adjustment is required. The new organics processing contract length has been set to align with the annual budget cycle which should prevent mid-year fee changes in the future.

Increases in garbage tipping fees are being implemented to allocate some of the costs for multi-family and commercial/institutional organics to garbage tipping fees, thereby minimizing the difference in cost between organics recycling and disposal costs. Tipping fee changes as of July 1, 2026 are outlined below.

Type of load impacted by increases	Fees starting July 1, 2026
Medium vehicles (1-8t)	\$162
Large vehicles (>8t)	\$136
Municipal organics (North Shore Recycling and Waste Centre only)	\$155
Mixed organics (including commercial organics)	\$175
Yard trimmings	\$139
Clean wood	\$139

The change in garbage tipping fees for loads over 1 tonne is approximately 1.5%. Commercial organics fees increase by 17%. Details of the changes are available on the Metro Vancouver website at: [Tipping Fee | Metro Vancouver](#)

If you have any questions or concerns, you can contact me at paul.henderson@metrovancover.org

Yours sincerely,

Paul Henderson, M.A.Sc., M.B.A., P.Eng.
 General Manager, Solid Waste Services

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2026



Director Craig Hodge, Co-Chair

Metro Vancouver Board Director Craig Hodge is a City of Coquitlam Councillor, a title he has held since 2011. Director Hodge serves on the Metro Vancouver Board, and is the Vice-Chair of the Zero Waste

Committee. Director Hodge is also Chair of the National Zero Waste Council Management Board, and serves on the Metro Vancouver Regional Parks Committee and Water Committee.



Lori Bryan, Co-Chair

Lori Bryan is the Executive Director of the Waste Management Association of BC (WMABC).

Lori has helped guide the association through a number of campaigns to ensure the private waste & recycling sector has a voice

at government level discussions, advocating for collaboration on solutions and maintaining an open and competitive market.

Lori started in the waste sector by working for a small company in the 1990's, who she represented at WMABC meetings. She began raising a family in 1996, while continuing to be involved by working with independent companies and took on the ED position for the WMABC in 2010. Recently, she participated on the Emergency Management of BC (EMBC) committee, both for COVID-19 and the 2021 Flooding emergencies, providing guidance on waste & recycling issues to the Province.

Lori was part of the working group that brought about the Metro Vancouver IAC and became a member to continue to work together on industry solutions.



Achilles Mallari

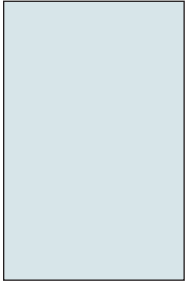
Achilles Mallari is the President of Sierra Waste Services Ltd. Achilles' background is in Operations and Quality Management through BCIT and been focused on collection and processing of solid waste and recycling, including logistics management over the past 23 years.

Through his work, Achilles has been involved in all aspects of operations at materials recovery processing facilities (MRF) including design, set up, and management of various facilities in BC and MB. Achilles currently leads and directly

manages teams in the collection of residential curbside and ICI materials. Achilles is also involved with municipal partners to review, design, and implement environmental initiatives. Through working with local processing facilities and participating in their meetings related to current policies and industry best practices, helps to understand the requirements for program success.

Achilles joined the IAC to collaborate and share his experience in the industry, and to contribute and assist Metro Vancouver as they plan new and innovative initiatives for the industry and region.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2026



Aiden Kiani

Aiden Kiani is a Professional Engineer (P.Eng.) specializing in Geotechnical and Construction Materials Engineering. He holds a Master’s degree in Engineering, a Master of Business Administration (MBA), and a Master’s degree

in Educational Technology and Learning Design, bringing together technical expertise, business leadership, and a strong foundation in education.

Aiden is the Chief Executive Officer of Lock-Block Ltd. and Green-Stone Materials and has more than 10 years of experience teaching civil engineering courses in BCIT’s Civil Engineering Department. He joined the IAC to contribute to public policy development, engage with the community of practice, and help promote a more sustainable lifestyle in society.



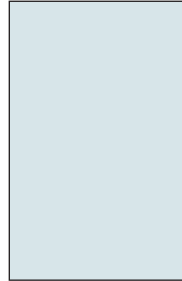
Alan Ligumsky

Alan Ligumsky is a co owner of Peak Disposal Services Inc. and has worked in the waste management industry for more than 20 years.

Alan earned his Chartered Accountant designation in 1993 at KPMG and has held senior financial

management roles across a range of organizations, from small development firms to large wholesale manufacturing companies.

Alan brings firsthand experience with the operational, regulatory, and economic realities of waste diversion in the region and is committed to improving recycling outcomes, increasing transparency, and aligning environmental goals with practical job site implementation. Alan joined the IAC to participate in collaboration between regulators and operators and to help advance Metro Vancouver’s sustainability objectives while maintaining a competitive and compliant waste management system.



Angus MacFarlane

Angus MacFarlane has over ten years of experience in the waste and recycling industry. With a background spanning management, logistics, and frontline operations his hands-on experience across waste systems

has given him a strong understanding of the challenges and opportunities within local waste processing, as well as the importance of efficiency, innovation, and collaboration.

Driven by a commitment to practical problem-solving and sustainability, Angus joined the IAC to contribute his insights and help advance regional waste reduction and recycling goals.



Ataollah Kheyrandish

Ataollah Kheyrandish is a PhD graduate from the University of British Columbia, specializing in water and wastewater treatment.

Over the years, Ataollah has worked on various environmental projects, including contaminated

soil management, industrial water treatment, and waste handling. Atoallah has also collaborated with First Nations and small communities to help deliver clean water solutions, ensuring access to safe drinking water in underserved areas.

For the past three years, Ataollah has worked as an Environmental Manager at a metal recycling facility, focusing on sustainability, regulatory compliance, and environmental protection. Their work includes waste management in metal recycling processes, managing industrial wastewater, and implementing best practices for responsible waste handling.

Ataollah is passionate about improving waste management strategies, enhancing resource recovery, and supporting sustainable recycling initiatives.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2026



David Millman

David Millman is an Area Senior Manager with WM, responsible for operations across the province of BC, with over 30 years of experience in the waste industry. He has worked with multinational organizations and has also owned and operated

his own company.

David brings provincial, national, and international experience to his role and is committed to sharing practical insights to help shape effective short and long term solid waste management plans with Metro Vancouver.

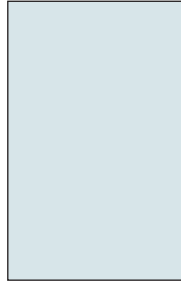


Dayton Skei

Dayton Skei has more than 7-years of experience in the waste and recycling industry. He currently serves as Director of Sales at EverGen Infrastructure Corp. In this role, he oversees the management of inbound organic feedstocks

and outbound finished products across EverGen’s four organic waste processing facilities, which use both aerobic composting and anaerobic digestion technologies.

Dayton joined the IAC to connect with industry peers and stay informed on Metro Vancouver’s solid waste initiatives, with a particular focus on advancing organic waste management.



Dimitri Pantazopoulos

Dimitri Pantazopoulos is a public policy and government affairs consultant with experience at both the federal and provincial levels. He has worked as a consultant to Waste Connections for over 12 years, focusing on waste disposal,

recycling policy, and methane capture initiatives.

Based in Metro Vancouver, Dimitri brings deep sector knowledge and a strong interest in ensuring the waste management industry operates efficiently, effectively, and affordably for all users.



Gord Johnson

Gord Johnson is a co-founder who developed a proprietary process enabling the recovery of 100% of materials from asphalt shingles. He brings more than 30 years of experience building, growing, and managing companies, including

serving as former CEO of Save Energy Walls, Lodgeview Entertainment, and Intrepid Security.

Gord works with multiple jurisdictions across Canada and the United States on material recovery facilities and solid waste collection, with a particular focus on construction and demolition waste.

Gord joined the IAC to share his expertise and to help advance best practices in solid waste management locally and across the region.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2026



Grant Hankins

Grant Hankins has been involved in the industry for close to 30 years working for private and publicly traded companies in Canada and the United States. Grant currently owns assets and investments in the industry and is the Chair of

the Waste Management Association of BC as well as a member of Metro Vancouver’s Solid Waste Management Plan Public/Technical Advisory Committee. Grant has a MBA, an undergraduate degree in business from SFU and business diploma with Capilano University and is currently a consultant to various companies in the industry in Canada and the US.

Grant has an interest in working collaboratively with government to develop policies and processes that create a better environment. While creating a business environment that creates an open competitive and efficient market to drive higher environmental standards while doing it in a fiscally responsible manner for tax payers.

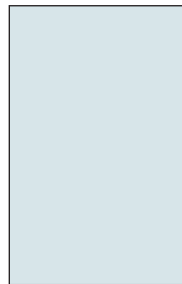


Izzie Abrams

Izzie Abrams is Vice President Government & External Affairs, Waste Connections of Canada. Izzie’s career has spanned over 5 decades in the waste industry, and Izzie has held various executive positions successfully developing

and implementing growth strategies as well as government and community affairs programs. Izzie has also held leadership roles in various trade associations, charitable foundations and not for profit organizations. Izzie holds numerous community and industry awards having been inducted into the National Waste and Recycling Association Hall of Fame in 2014.

Izzie joined the IAC to provide his industry experience and insights. As well as make a positive contribution for the advancement of better waste management practices as they relate to policy issues regarding solid waste and recycling services in Metro Vancouver.



Jacqueline Lotzkar

Jacqueline Lotzkar is a fourth-generation recycler, with a family legacy in Vancouver’s recycling industry spanning over 100 years. After selling Pacific Metals Recycling in 2024. She now serves as President of the Canadian

Association of Recycling Industries (CARI), the national trade association representing recyclers across Canada.

Jacqueline brings over a decade of experience in scrap metal recycling and bottle depot operations in Metro Vancouver, and continues to advocate for the recycling industry nationwide. Having previously served two years on IAC, she is eager to re-engage to support Metro Vancouver’s solid waste and recycling initiatives through industry expertise and leadership.



James Collins

James Collins brings nearly 30 years of experience in the waste industry. He began his career in hazardous waste, and has since developed a broad, holistic expertise across the sector – his current role involves coordinating waste services to

the local shipping industry.

James is interested in contributing to the ongoing implementation of Metro Vancouver’s Solid Waste Management Plan.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2026



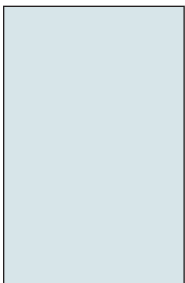
Jamie Kaminski

Jamie Kaminski is the President of Happy Stan’s Recycling Services Ltd. and HSR Zero Waste, bringing more than 20 years of direct experience in solid waste, recycling, and resource recovery systems.

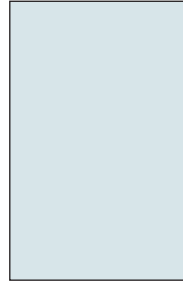
His work spans operational service delivery, materials management, policy advisory roles, and standards development. Which gives him a comprehensive, systems level understanding of waste management from collection through processing and reporting.

Jamie is widely recognized for a practical and operations focused approach. Which emphasizes material flows, contamination control, service design, and the real-world impacts of policy and regulatory decisions. He has played an active role in industry governance, serving as a Policy Advisor to the Recycling Council of British Columbia, and as a Board Member of Zero Waste Canada and the Zero Waste International Alliance. Since 2013, he has also served on the UL Technical Advisory Panel for the UL2799 Zero Waste to Landfill standard.

Jamie joined the IAC to advance a more strategic, upstream approach to solid waste management, strengthen recycling and organics source separation, and advocate for prioritization of regional waste prevention strategies.



Jason Watson



Lindsay L’Heureux

Lindsay L’Heureux is a Collection Manager at Recycle BC, focused on problem solving and process improvement. Lindsay partners with local governments, bottle depots, and private waste haulers across Metro Vancouver to support

effective collection services.



Maya Hakimé

Maya Hakimé is the Director of Business Development at Merlin Plastics. She joined the company in 2012 and brings a global perspective shaped by an M.Eng. from Télécom Paris and an MBA from INSEAD and is fluent

in four languages.

Merlin Plastics has advanced plastics re-processing since 1987, growing from a 2,000 sq. ft. warehouse in Delta, B.C. to over one million sq. ft. of recycling facilities, with sister plants in Alberta, Ontario, California, and Oregon. Maya is committed to environmental sustainability, building partnerships and aligning stakeholders to expand circular-economy outcomes.

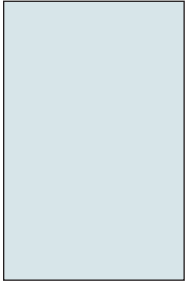


Mike Lannin

Mike Lannin has been working in the waste industry in varying capacities for nearly 20 years. He is currently a manager at Super Save Group, a private waste hauling organization.

Mike joined the IAC as an opportunity to learn more about the issues surrounding the solid waste industry in the area currently, and to contribute to the ongoing development of the industry going forward.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2026



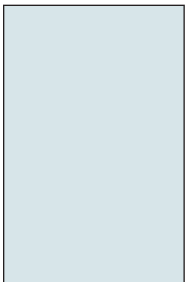
Nabil Drissi El-Bouzaidi

Nabil Drissi El-Bouzaidi grew up in Richmond since 1996 and holds a BAsC in Chemical and Biological Engineering from UBC.

Nabil has been with Ecowaste since 2014, starting as an equipment operator and lead hand and

advancing to Operations Manager. He oversees health and safety, environmental compliance, maintenance, and day-to-day recycling and landfill operations, working with industry partners to support the region’s C&D recycling and disposal needs.

Nabil joined the IAC to contribute to regional waste management and recycling initiatives, with a focus on environmentally and economically sustainable, innovative approaches.



Nicole Stefenelli

Nicole Stefenelli is the CEO and Founder of Urban Impact Recycling, a local waste management service provider. Nicole has been involved in the industry since 1990 and looks forward to serving on the Industry Advisory Committee.



Patrick MacNeil

Patrick MacNeil has more than 20 years of experience in the waste management and recycling industry, including six years as a full-time roll-off disposal truck driver. He is a Red Seal Industrial Mechanic and is working toward a second Red Seal

designation as a Commercial Transport Mechanic.

He is currently the Operations Manager at Wescan Disposal Ltd., overseeing maintenance and repair, as well as fabrication of new containers and roll-off systems.

As a waste and recycling hauler and a board member with the Waste Management Association of British Columbia (WMABC), Patrick supports best practices in hauling, receiving, processing, and remediation to meet the waste and recycling needs of communities and customers.

Patrick joined the IAC to stay informed on regional waste system spending and to help develop practical policies with feasible outcomes.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2026



Pinky Vargas

Pinky Vargas manages Government Accounts for Republic Services across British Columbia and Washington, supporting more than one million tons of solid waste annually. She leads business development, community relations,

public processes, communications, account management, and government relations. Pinky holds a B.S. in Business Management and has training in mediation and negotiation.

With more than 20 years of involvement in conservation and sustainability, she previously served eight years on Bellingham City Council and spent 14 years in the Washington energy utilities sector. She advocates for the circular economy, conservation, and outdoor recreation, and lives in Bellingham, Washington. Born in Canada, she is a dual U.S.–Canadian citizen.

Pinky joined the IAC to learn, collaborate, and help shape policy that supports customers and the waste industry.



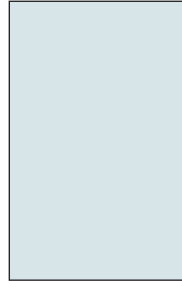
Ralph McRae

Ralph D. McRae has 35 years of experience in the solid waste and recycling sector in Metro Vancouver. He has owned and managed companies in waste hauling, recycling, composting, and alternative fuels, and practiced

law for 43 years with a focus on environmental and waste regulation.

Ralph is a co-owner of Revolution, which holds two Metro Vancouver solid waste licenses. He is mindful of potential conflicts of interest and manages them in accordance with applicable requirements.

Ralph joined the IAC to support honesty, integrity, and transparency in Metro Vancouver’s solid waste regulatory process.



Rustam Punja

Rustam Punja has been involved in the waste industry since 2005 and has worked in collection, recycling, and environmental remediation. In 2013, Rustam took on the role of alternative fuels manager at Lafarge Canada’s Richmond

cement plant. Rustam’s primary focus is identifying and commercializing waste streams or byproducts that could serve as viable replacements for virgin fuel and raw materials consumed by Lafarge’s cement operations in Western Canada.



Sandy Sigmund

Sandy Sigmund is Vice President and Chief Marketing Officer at Encorp Pacific Canada (Return-It) and has been on the senior leadership team since its inception in 1995. Sandy has led business development, marketing,

communications, and new program implementation for the past 30 years.

With extensive Extended Producer Responsibility (EPR) experience, Sandy has served on several boards, including RCBC, BBOT, Ridge Meadows Recycling Society, and BC Technology for Learning (Computers for Schools). Sandy also contributes to the Stewardship Agencies of BC (SABC), leading its research and communications committees.

Through Return-It, Sandy supports EPR programs and recycling services across multiple product streams, helping improve recovery systems so end-of-life products are kept out of landfills.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2026



Sean Kawakami

Sean Kawakami was born and raised in Toronto and moved to Vancouver in 2016. He earned a bachelor’s degree from Wilfrid Laurier University (2009) and an MBA from Oxford Brookes University (2024). He is committed

to sustainability and the advancement of the solid waste sector.

With 10 years in British Columbia’s solid waste industry, Sean has supported municipalities and haulers by supplying products and services across the sector. Since 2020, he has represented Convertus, Canada’s largest organic waste processor, and he currently serves as Chair of the Coast Waste Management Association.

Sean joined the IAC to help the region advance solid waste management best practices, reflecting his commitment to the community where he lives and works with his family in Vancouver.



Todd Baker

Todd Baker has 30 years of experience in the solid waste sector. He began his career in regional government, supporting collection, planning, landfill design and operations, recycling, and composting, then moved into consulting across solid waste management.

Todd has previously collaborated with Metro Vancouver on projects including the updated Solid Waste Management Plan, recycling and waste centres, and leachate management at the former Coquitlam Landfill. His experience spans landfills and transfer stations, biosolids, GHG accounting and management, organics, waste-to-energy, and regional planning. As General Manager at Ecowaste, Todd oversees landfill and transfer station operations and supports new recycling initiatives for construction and demolition wastes.

Todd joined the IAC to remain an active participant in regional waste management initiatives and to help advance implementation of the new plan. With experience in both the public and private sectors, he supports collaboration across agencies and stakeholders to achieve shared goals.



Wesley Muir

Wesley brings nearly 25 years of experience in waste services with federal, provincial, state, and municipal governments. He is currently the Director of Business Development & Government Relations for Veolia Canada.

He brings experience in business development, public policy, regulatory analysis, stakeholder engagement, and corporate communications across the waste services, mining, and forestry sectors. Raised in northern BC and Metro Vancouver, Wesley brings perspective on regional challenges and is committed to preserving and enhancing Metro Vancouver as a vibrant metropolis.

Wesley joined the IAC to support a balanced public and industry discussion on the future of Metro Vancouver’s waste services industry. He also brings an academic background in urban and regional planning from Simon Fraser University, which supports his work on waste policy and programs. As an IAC member, Wesley has valued the Committee’s collaboration and would like to continue contributing.

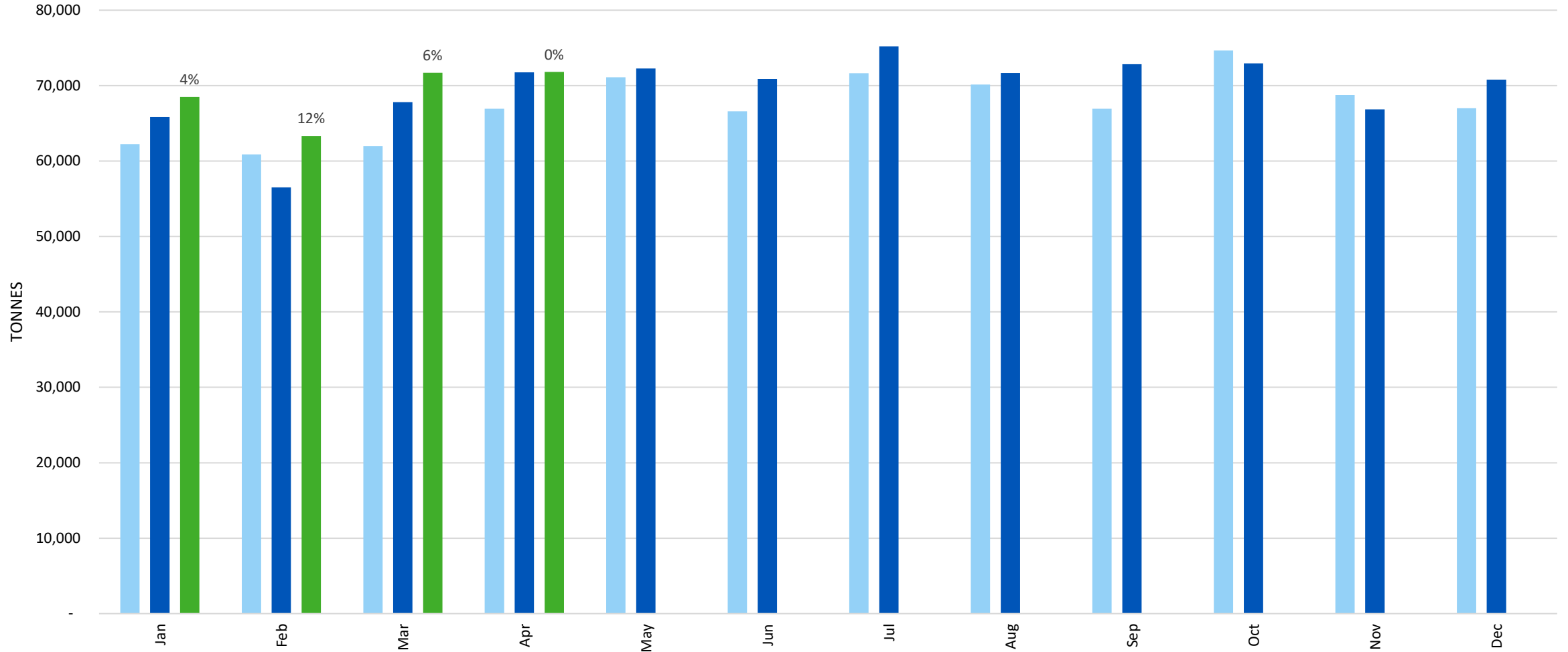
Metro Vancouver Waste Quantities*

2024 - 2026**

5.1

2024 2025

YTD % Change: 5%



**Data reconciled to Dec 2025

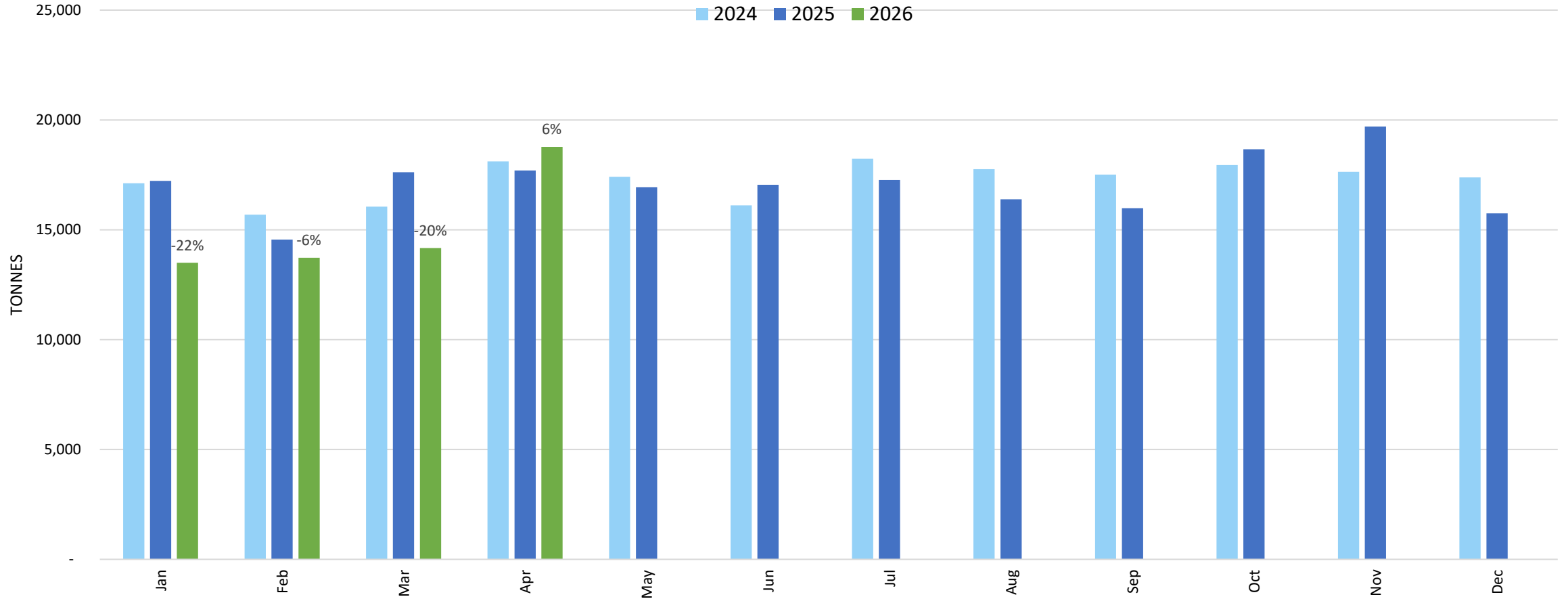
*Metro Vancouver's Six Recycling and Waste Centres & the Waste-to-Energy Facility

City of Vancouver Waste Quantities*

2022 - 2024

(Demo garbage not included)

YTD % Change: -10%

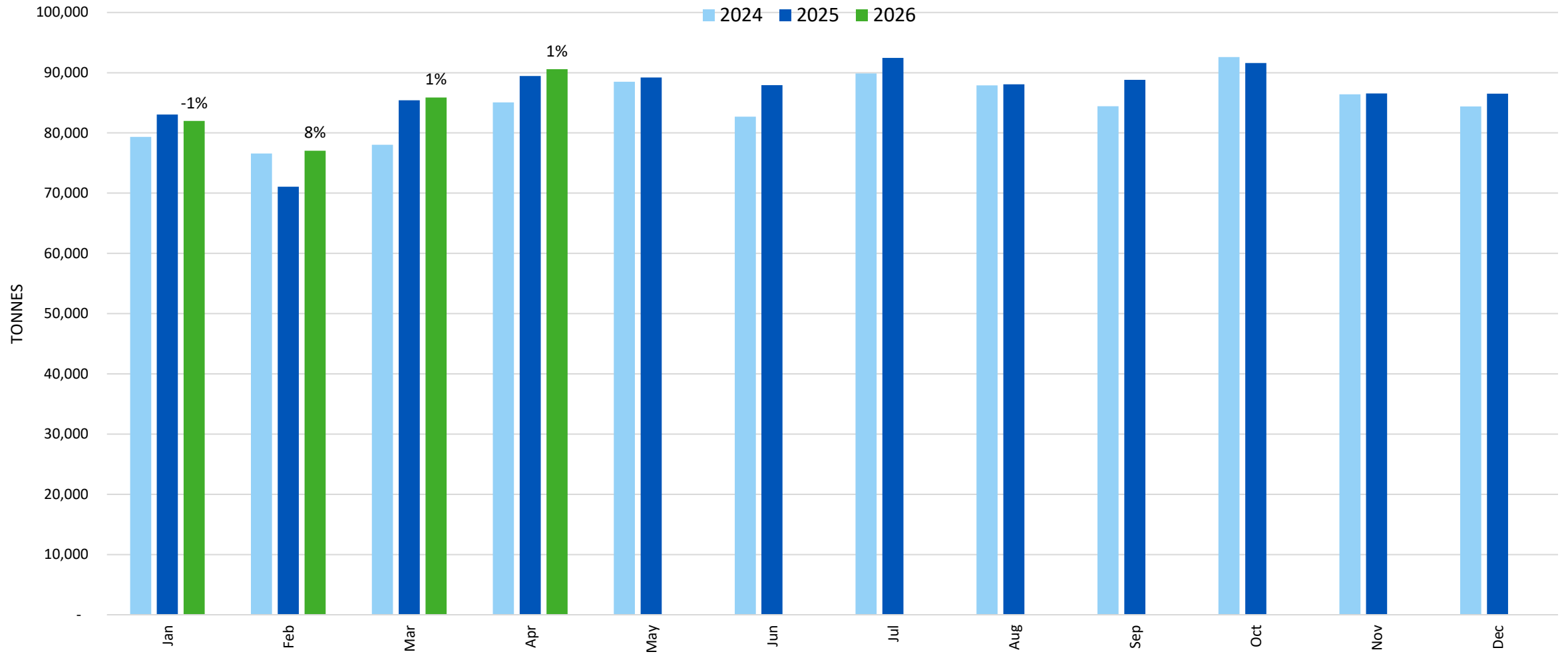


*Vancouver Landfill & Vancouver South Transfer Station

Metro Vancouver and City of Vancouver Waste Quantities 2024 - 2026*

(Demo garbage not included)

YTD % Change: 2%



*Metro Vancouver data reconciled to Mar 2026

Solid Waste and Recycling Industry Advisory Committee 2026 Work Plan Priorities

May 7, 2026

Quarter 1	Status	Approach
2024 Solid Waste and Recycling Statistics and Biennial report	Complete	Plenary
Draft Solid Waste Management Plan – Review and Initial Feedback	Complete	Small group discussion
Vancouver Landfill / Long-Term Disposal Planning	Pending	Plenary
Source Reduction Incentive Program	In progress	Plenary
SWMP: Monitoring and Implementation – committee role after approval of draft plan	Pending	TBD
Quarter 2	Status	Approach
Draft Solid Waste Management Plan – Review of Revised Draft	Complete	TBD
SWMP: Actions Related to Recovery of Materials and Energy from Recyclable Materials	Pending	TBD
SWMP: Actions Considered Unadvisable by Staff	Pending	TBD
Metro Vancouver Recycling and Waste Centre Strategy: How to Increase Opportunities for Waste Reduction and Recycling	Pending	TBD
Disposal Ban Program Results	Pending	TBD
Quarter 3	Status	Approach
WTEF Environmental Performance Summary	Pending	TBD
Construction and Demolition Materials Recycling and Reuse Update	Pending	TBD
Draft Capital Plan	Pending	TBD
Quarter 4	Status	Approach
Solid Waste Services Annual Budget and 5-Year Financial Plan	Pending	TBD
2025 Waste Composition Results	Pending	TBD

2026 Solid Waste and Recycling Industry Advisory Committee - Meeting Action Tracker

Meeting Date	Requested Action/Item	Assigned Staff	Target / Completion Date	Status
January 13, 2026	<ul style="list-style-type: none"> Staff will update the chart on slide #8 of the presentation. "Unlicensed Private Facilities" is now labelled "Reported Concrete" 	Samantha Joy	Q1	Complete
January 13, 2026	<ul style="list-style-type: none"> Metro Vancouver will include the presentation slides in the agenda package going forward. 	Samantha Joy	Ongoing	Complete
January 13, 2026	<ul style="list-style-type: none"> Staff will finalize the revised Terms of Reference and post the updated version to the Solid Waste and Recycling Industry Advisory Committee's webpage. 	Samantha Joy	Q1	Complete
January 28, 2026	<ul style="list-style-type: none"> Metro Vancouver staff will calculate the current height of the Vancouver Landfill as it relates to the maximum allowable height and report back to the Industry Advisory Committee. 	Paul Henderson	Q1	Complete
February 10, 2026	<ul style="list-style-type: none"> Vancouver Landfill garbage compaction: request for more information with respect to compacted garbage density within the landfill. 	Paul Henderson	Q1	Complete
February 10, 2026	<ul style="list-style-type: none"> Vancouver Landfill presentation: request for City of Vancouver staff to present on Vancouver Landfill fill plans. 	Samantha Joy		In progress
March 10, 2026	<ul style="list-style-type: none"> Amend February 10 round-robin feedback summary and meeting minutes to reflect committee member feedback Ensure that the March 10 minutes reflect member comments (within the scope of minute recording procedures outlined in the Terms of Reference) 	Samantha Joy		Complete



March 10, 2026	<ul style="list-style-type: none">• Bring additional information about the need for separate hauler records keeping related to generator levy	Paul Henderson		In progress
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Welcome

Burrard Inlet Port Lands



COLLECTION NOTICE

Video and audio footage from this meeting is being collected under section 26(c) of the *Freedom of Information and Protection of Privacy Act*. It will be used to create a public record of the meeting and assist minute-takers in accurately documenting the events.

If you have any questions about this collection, please contact a Privacy Officer at Metro Vancouver, Metrotower III, 4515 Central Boulevard, Burnaby, BC, V5H 0C6 or 604-432-6200 or privacy@metrovancover.org.

AGENDA

1. Agenda – May 12, 2026

2. Minutes – April 7 2026

3. Reports and Items for Discussion

4. Other Business

5. Information Items

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Reports and Items for Discussion

Jericho Beach





metro vancouver



DILLON
CONSULTING

Metro Vancouver Hauler Incentive Program

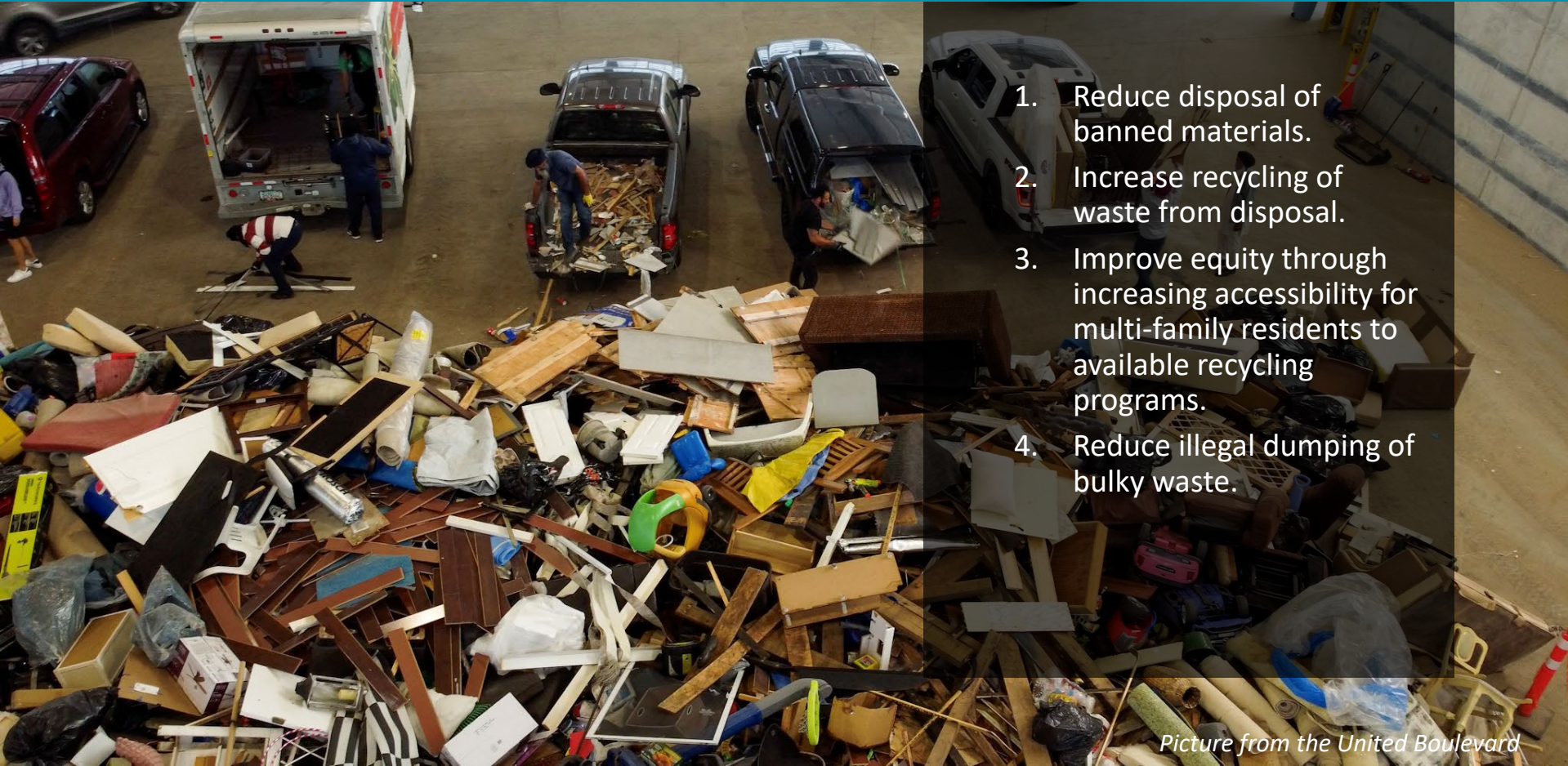
Program Overview and Engagement Feedback

May 12, 2026

Presented By: Veronica Bartlett

File #: 24-8179

Key Objectives – Hauler Incentive Program



1. Reduce disposal of banned materials.
2. Increase recycling of waste from disposal.
3. Improve equity through increasing accessibility for multi-family residents to available recycling programs.
4. Reduce illegal dumping of bulky waste.



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Disposal Ban Program Review



June 2023 -21-2946

- Hauler Incentive Program Overview
- Tier 1: Recycling and Organics Collection
- Tier 2: Bulky Item and Electronics Collection
- Feedback from Engagement
- Discussion / Feedback on the Potential Program Elements
- Status and Possible Next Steps

Potential Program Tiers

Tier 1:

Exempts haulers or processors from tipping fee surcharges for banned recyclable material in the garbage stream on residential and commercial waste disposed at Metro Vancouver facilities.

Tier 2:

Provides a tipping fee rebate to haulers who offer bulky item and electronics collection services to multi-family buildings for whom they provide waste collection services.

Tier 1: Recycling and Organics Collection



Eligibility:

Open to account holders at Metro Vancouver Waste Facilities, including member municipalities using their own staff or contractors to service residential dwellings, or private haulers for whom at least one third of their serviced accounts are from the multi-family sector.



Possible Reporting Requirements:

Haulers would submit an attestation annually confirming, to the best of the hauler's knowledge, that their multi-family customers have recycling and organics collection in place where the hauler provides garbage collection, and that collected materials were not subsequently commingled and disposed.

Example Attestation – Capital Regional District

October Attestation

This attestation is required as of July 1, 2024, for participants to continue to receive a rebate on general refuse loads.

By signing below, I _____ on behalf of _____ declare that:
(insert organization name)

1. _____ requires customers to have multi-stream collection
(insert organization name)

OR

2. _____ has a program in place to ensure that general refuse loads are free from recyclables and prohibited materials
(insert organization name)

Program participants must attest that they require their customers to have multi-stream collection in place or have a program in place to ensure that recyclables do not enter the general refuse stream before accepting loads of general refuse. Participants will be required continue to provide information on waste streams collected, sectors collected from, and end-use or end-disposal location, and additionally, customers will be required to provide tonnages of waste collected. False attestations will result in removal from the program.

Applicant's name

Tier 2: Bulky Item and Electronics Collection

Eligibility:

Participating haulers:

- An account holder at Metro Vancouver's Solid Waste Disposal Facilities;
- Meet the Tier 1 Program Criteria; and
- Meet the service level requirements for the Tier 2 Program.

Possible Service Level Requirements:

- Haulers to provide on-request collection of bulky items and electronics (12 collections per year per building);
- Residents request service via phone or online;
- Each multi-family unit allowed to set-out up to four (4) bulky items per year;
- The cost of the service included in the cost of garbage collection; and
- Haulers accept the listed bulky items and electronics and report end-of-life management associated with collected items.



Tier 2: Bulky Item and Electronics Collection

Suggested Monthly Reporting Requirements:

- Number of buildings and multi-family units serviced;
- Evidence of promotion of the program;
- Number of service requests;
- Number of items collected, organized by category;
- Number and weight of items diverted, by category;
- Number and weight of items delivered to each processor; and
- Number, general description, and weight of items sent to disposal.

Hauler Incentive Program Compliance: Haulers may be required to submit independent third-party audit reports to Metro Vancouver to verify program compliance and the accuracy of reported data. False attestations, or misrepresentation of items collected or end of life management, may result in removal from the program.



Tier 2: Items to be Accepted



Major Appliances, tires, and all electronics that are recyclable through EPR programs



Mattresses and box springs, which have an established recycling process



Other large items, such as upholstered furniture that are challenging to manage in the regular garbage stream



Dry-cell rechargeable and primary batteries weighing no more than 5 kilograms each

Program Development Input To-Date

Program Engagement to Date:

- Metro Vancouver staff
- Hauler Interviews
 - Small/Medium and Large (6)
 - “Clean Out” haulers (2)
 - Charity (1)
- Product Stewards (3)
- Property Management Organization (1)



Future Program Engagement:

- Solid Waste and Recycling Industry Advisory Committee (IAC)
- Regional Engineers Advisory Committee Solid Waste Subcommittee (REAC-SW)

Small/Medium Haulers

- Attestation seen as a barrier to participation (legal risk, unable to attest, operationally burdensome).
- Some felt surcharges should not be removed, but could be amended to better support a transparent, uniform threshold that could be reduced over time.

Large Haulers

- Generally comfortable with submitting attestation (some haulers operated in other regions where this is a requirement).
- Publicly traded hauler expressed concern over potential audits of their systems by Metro Vancouver.

Hauler Feedback – Tier 2

Small/Medium Haulers

- Tipping fee rebate applied to garbage tonnage disproportionately benefits large haulers and fails to reward diversion-focused companies.
- Concerns that rebate will not cover real cost of bulky item collection, including labour and specialized vehicles.
- Suggested frequency of collection is excessive (suggest 1 to 3 times per year).
- Success requires municipal mandates and financial incentives for property managers rather than just haulers.

Large Haulers

- Tying rebates to total garbage tonnage favours large waste haulers over small or specialized haulers.
- Suggest that market competition should drive costs rather than limiting what haulers can charge residents.
- Suggested frequency of collection is excessive (suggest on-call or on-demand servicing).
- Batteries flagged as an operational and safety challenge for inclusion in the Accepted Items list.
- Success depends on Metro Vancouver supporting education and behaviour change campaigns for residents.
- Suggest a minimum 5-year project commitment to cover capital costs associated with the program.

Feedback from Small “Clean Out” Hauler

- Tailored service is their specialty, which comes at a higher cost. Would want to confirm they can still provide their custom service to residents.
- Success of a service like this is highly dependent on property or building managers.
- Need to understand the scope services and value of the tipping fee rebate to assess if they should participate.
- Servicing should be on an “as needed” basis for buildings.
- Hauler does not always have control over what gets recycled.
- Support the concept because it encourages recycling.
- Suggest a tiered system where they could participate, offering a discounted service instead of free to residents.
- Would be interested in a pilot phase to understand the costs of providing this type of service and evaluate if the rebate can offset these costs.

Feedback from Charity Furniture Hauler

- Support the program concept and feel that it could help divert inquiries they get to pick up furniture that is not in condition for reuse.
- Often turn away donations when they don't have warehouse capacity.
- Have an existing partnership with a junk removal company to walk through their warehouse to pick furniture in good condition for reuse.
- Wonder if they could receive incentives or a preferred tip rate for disposal when they have to dispose of furniture that cannot be reused.

Product Stewardship Feedback

EPRA (Electronics)

- Space and logistics are major barriers for multi-family buildings.
- Support this program's efforts to collect more electronics from multi-family buildings.
- Open to supporting buildings financially to be collection points and can arrange collection of totes from consolidated hauler locations.

TBSC (Tires)

- Orphan tires are very small portion of tires managed by TBSC; most are returned to retail.
- Support the concept, but do not see a role in funding or facilitating collection.
- Strongly prefer promotion of existing return-to-retailer system and willing to support Metro Vancouver on this.

MARR (Major Appliances)

- Appliances should not be included as they have high scrap metal value and therefore do not make up a large portion of illegal dumping.
- Would not pay for collection, prefer to market existing depot networks and return-to-retailer options to residents.
- Suggests any bulky item collection program should be designed with input from property management representative organizations.

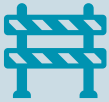
Feedback from Property Management Organization

- Supportive of the concept and reducing/diverting more waste.
- Property managers are busy and overwhelmed, would help if systems are automated or regular/recurring.
- Education and awareness would be very important to this type of program.
- Space can be a challenge in some buildings.
- Suggest seeing if this can be linked with BOMA Best Sustainability Certification for buildings and if an incentive could be offered.
- Organization could provide training or education materials.

Discussion and Questions - Hauler Incentive Program



What are your initial thoughts on the concept of an incentive?



What barriers or operational issues do you see to implementing an incentive program like this?



What would be key to making this program successful?
What rebate would be required to support it?

Status and Possible Next Steps

- Program is in early stages of development
- Conducting additional interviews to receive further input
- Establishing a Working Group of:
 - Haulers
 - Clean-out haulers
 - Property management groups
- Contact Metro Vancouver if you want to provide feedback



Thank you



Picture from the United Boulevard

Veronica Bartlett
vbartlett@dillon.ca

Heidi Gerlach
hgerlach@dillon.ca

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Other Business

Jericho Beach



4.1 ZERO WASTE AND OTHER UPDATES

- No Zero Waste Committee meeting in May
- April 24 GVS&DD Board meeting: draft Solid Waste Management Plan
- Tipping fee increase update – Metro Vancouver letter
- Letter: Request for Ban on the Import and Sale of Single-Use Nitrous Oxide Cylinders

4.2 COMMITTEE COORDINATION UPDATE

- Committee member biographies
 - Please review the draft included in the agenda
 - Document will be posted to the IAC webpage
- Existing or potential conflict statements

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Information Items



INFORMATION ITEMS

- 5.1 Regional Waste Flows
- 5.2 2026 IAC Work Plan
- 5.3 IAC Meeting Action Tracker
- 5.4 Draft IAC Member Biographies



Vancouver Skyline

Thank you

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