

SOLID WASTE MANAGEMENT PLAN PUBLIC/TECHNICAL ADVISORY COMMITTEE

IN-PERSON MEETING

Friday, October 3, 2025

1:00 pm – 4:00 pm

Meeting Room: Metro Vancouver Head Office- Room 2912

Small Group Discussions: Room 2911 and 2912

A G E N D A

| ITEMS | TIME |
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| 1. WELCOME <ul style="list-style-type: none"> • Independent Consultation and Engagement Panel Members <ul style="list-style-type: none"> ○ Andrea Reimer, Celena Benndorf, Ryan Williams | 1:00 pm – 1:05 pm |
| 2. AGENDA | 1:05 pm – 1:10 pm |
| 3. PREVIOUS MEETING NOTES 3.1 September 18, 2025 (Attachment 1) | 1:10 pm – 1:15 pm |
| 4. DISCUSSION ITEMS Solid Waste Management Plan Update: 4.1 Potential Strategies and Actions Feedback Session (Attachment 2) <ul style="list-style-type: none"> - Small group discussion on first 4 Rs (<i>Rethink, Reduce, Reuse, Recycle</i>) - Plenary discussion on actions under <i>Recover</i>, and ideas staff consider <i>unadvisable</i> <i>Designated Speaker: Terry Fulton, Senior Project Engineer, Solid Waste Services and Stephanie Liu, Program Manager, Community Engagement, Solid Waste Services</i> | 1:15 pm – 3:00 pm (Small group discussion) |
| BREAK | 3:00 pm – 3:25 pm (Plenary discussion) |
| 4.2 PTAC Feedback on Draft Plan Outline and Residual Waste Management Options Review | 3:25 pm – 3:30 pm |
| | 3:30 pm – 3:45 pm |

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

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| <p><i>Plenary: For Feedback</i></p> <p><i>Designated Speaker: Paul Henderson, General Manager, Solid Waste Services</i></p> | |
| <p>5. INFORMATION ITEMS</p> <p>5.1 Zero Waste Committee</p> <ul style="list-style-type: none"> - October 2025 Zero Waste Committee agenda - BCUC applications - BC Hydro electricity purchase agreement and Burnaby thermal purchase agreement - Waste-to-Energy Facility Operational Certificate <p><i>For information</i></p> <p><i>Designated Speaker: Paul Henderson, General Manager, Solid Waste Services</i></p> <p>5.2 Zero Waste Conference 2025 Reminder (Attachment 3)</p> <p><i>For information</i></p> <p><i>Designated Speaker: Paul Henderson, General Manager, Solid Waste Services</i></p> | <p>3:45 pm – 3:50 pm</p> |
| <p>6. ACTION/STANDING ITEMS</p> <p>6.1 Action Tracker (Attachment 4)</p> | <p>3:45 pm – 3:50 pm</p> |
| <p>7. ADDITIONAL ITEMS</p> <p>7.1 Responses to Questions from PTAC September 18, 2025 Landfill Tour (Attachment 5)</p> <p>7.2 Public/Technical Advisory Committee Updated 2025 Work Plan (Attachment 6)</p> <p>7.3 Regional Waste Flows August 2025 (Attachment 7)</p> <p>7.4 Metro Vancouver Disposal Ban Report (Attachment 8)</p> | <p>3:50 pm – 4:00 pm</p> |
| <p>8. NEXT STEPS AND NEXT MEETING DATE</p> | <p>4:00 pm</p> |

Attachment 1: Draft Meeting Notes – September 18, 2025 – Solid Waste Management Plan
Public/Technical Advisory Committee

Attachment 2: Potential Strategies and Actions for the Solid Waste Management Plan Update

Attachment 3: Metro Vancouver Zero Waste Conference Information

Attachment 4: Action Tracker

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Attachment 5: Responses to Questions from PTAC September 18, 2025 Landfill Tour

Attachment 6: Public/Technical Advisory Committee Updated 2025 Work Plan

Attachment 7: Regional Waste Flows August 2025

Attachment 8: Metro Vancouver Disposal Ban Report

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

**September 18, 2025
In-Person Meeting
1:00 pm – 3:00 pm**

MEETING NOTES

The Meeting Notes of the Public/Technical Advisory Committee (PTAC), held in person at the Atrium Hall of the Annacis Research and Events Centre, 1400 Lindsey Place, Delta, BC. The meeting commenced at 1:00 p.m. Pacific Time on Thursday, September 18, 2025.

Attendees: Director Sarah Kirby-Yung, Chair; Adelyn Chan, Allen Lynch, Amika Watari, Bill Chan, Christoph Schultz, Cody Irwin, Daryl Foster, Jennifer Henry, John Doherty, Komal Fatima, Marcelle Moreira dos Santos, Raman Johal, Sean Miles, Sue Maxwell, Tara Immell, William Selten

Absent: Ben Liegey, Brenda Martens, Cassidy vander Ross, Daniel Rotman, Doug Schell, Grant Hankins, Jake Turek, Jamie Kaminski, Jaye-Jaye Berggren, Kevin Huang, Matthew Morin, Michael Zarbl, Sarah Scanlan, Stephanie Voysey, Ulwiana Mehta-Malhorta

Metro Vancouver Staff: Brooke Atkinson, Chris Underwood, Karen Storry, Paul Henderson, Stephanie Liu, Terry Fulton, Allen Jensen, Faith Sabourault

Independent Consultation and Engagement Panel Members: Andrea Reimer, Celena Bendorff, Komal Fatima (PTAC member & Panel member)

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| <p>1.</p> | <p>WELCOME</p> <p>The Chair, Director Sarah Kirby-Yung welcomed PTAC members and introduced the following Independent Consultation and Engagement Panel Members:</p> <ul style="list-style-type: none"> • Andrea Reimer • Celena Benndorf | <p>Chair</p> |
| <p>2.</p> | <p>AGENDA</p> <ul style="list-style-type: none"> • The Chair, Director Sarah Kirby-Yung presented and reviewed the September 18, 2025, meeting agenda. There were no additions made. | <p>Chair</p> |

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| 3. | MEETING NOTES <ul style="list-style-type: none"> • Reviewed June 19, 2025, previous meeting notes and there were no additions made. | Chair |
| 4. | ACTION/STANDING ITEMS | Chair |
| | <p>4.1 Action tracker</p> <p>The action tracker was reviewed, and updates were provided.</p> <p>Pending action items:</p> <ul style="list-style-type: none"> • Provide a full list of plan update ideas from Idea Generation phase of engagement. <ul style="list-style-type: none"> ○ Staff will post the list immediately after the meeting today on the PTAC website. • Metro Vancouver to provide response to PTAC member inquiry regarding the Landfill Greenhouse Gas Emissions. <ul style="list-style-type: none"> ○ Staff response is provided at attachment 3 of the meeting agenda. • Potential to have an invited presenter (OCEANA) to a future PTAC meeting. <ul style="list-style-type: none"> ○ OCEANA may present to PTAC at the November 20, 2025 meeting (time-permitting). • Staff to bring back information on the United Boulevard Recycling and Waste Centre Reuse Days pilot. <ul style="list-style-type: none"> ○ Staff will bring this information to a future PTAC meeting this fall. <p>Staff to bring back a more detailed regulatory strategy to the committee at a later meeting. This information will be provided at the November 20, 2025 PTAC meeting.</p> | Brooke Atkinson |
| 5. | DISCUSSION ITEMS | |
| | <p>Solid Waste Management Plan Update:</p> <p>5.1 Draft Plan Outline</p> <p><i>For information and comments</i></p> | Terry Fulton |

Terry Fulton, Senior Project Engineer, Solid Waste Services, Metro Vancouver, started the Solid Waste Management Plan Update and shared the *Draft Solid Waste Management Plan Outline* presentation and highlighted the project timeline update, plan components, plan outline, strategic approaches and review process.

Discussion summary:

- Member commented that several plan sections in the outline are not yet completed, making it difficult to provide full feedback.
 - Staff confirmed that this is a draft outline, which includes the work done to date on the plan update (vision and guiding principles, waster hierarchy, and goals). Staff are looking for input on if this draft outline includes all necessary components.
- Member made a suggestion to revise the waste hierarchy; not every level requires a goal. For example, Goal 5 (related to recovery) could be removed.
- Comment that the definition of zero waste is missing.
- Question whether the plan will specify actual destinations for residuals.
 - Staff confirmed it will instead include criteria for future decisions should new disposal capacity be required.
 - Strategies and actions related to Goal six would also be included in the draft plan.
- Suggestion the plan should include specific regulatory measures to allow the Province to consider them early rather than delaying.
- Reduce toxicity of materials should be included throughout.
- Landfill capacity: Suggestion to address this transparently in the plan.
 - Staff noted ongoing conversations about potential filling to physical capacity of the Vancouver Landfill.
- Guiding principles: Concern that connection between regulatory and guiding principles was unclear.
- Flexibility: Suggestion that the plan is not too narrow but should include options under consideration (e.g., landfill capacity, annual waste generation, etc.), rather than prescribing a single path.

5.2 Draft Plan Strategies and Rubric

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| <p><i>For plenary discussion</i></p> <p>Karen Story, Senior Project Engineer, Solid Waste Services, Metro Vancouver</p> <p>Discussion summary:</p> <ul style="list-style-type: none"> • Criteria: Question whether criteria includes the total waste reduction ability. <ul style="list-style-type: none"> ○ Staff confirmed that ability to reduce waste is included as part of the hierarchy, level of circularity and potential to reduce waste. • Process: Questions about how all strategies and actions will be reviewed during the October 3 workshop. <ul style="list-style-type: none"> ○ Staff explained the following documents will be posted on the plan update website on September 18: <ul style="list-style-type: none"> ▪ Potential strategies and actions ▪ Feedback form on potential strategies and actions ▪ Full list of ideas received from idea generation engagement ▪ Options analysis rubric ▪ Draft summary of ideas staff consider inadvisable ▪ Draft summary of ideas staff will consider as part of other plan parts • These documents will be used at the October 3 feedback session on options analysis. Members are encouraged to review the documents in advance of the feedback session. • Staff highlighted that Metro Vancouver received over 2,000 ideas which have been consolidated to about 200 unique potential actions. In addition, there are 17 criteria, outlined in the documents. • The detailed rubric and analysis from Stantec has a series of criteria on a low, medium or high scale. These include general, economic, environment and social. For example, under the environment criteria, the greenhouse gas emissions, it talks about what are the sources of emissions. | <p>Karen Storry</p> |
| <p>Engagement Panel Introductions:</p> <p>The Chair invited the engagement panel members present at the meeting to introduce themselves. Andrea Reimer (Panel Chair) and Celena Benndorf provided an introduction. Komal Fatima is also a Panel member and PTAC</p> | <p>Andrea Reimer; Celena</p> |

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| <p>member, attending PTAC meetings as a PTAC member. Panel members will be observers at each PTAC meeting in the future.</p> <p>5.3 Residual Waste Management Options Review <i>For plenary discussion</i> Paul Henderson, General Manager, Solid Waste Services, Metro Vancouver</p> <p>Discussion summary:</p> <ul style="list-style-type: none"> • Member asked whether the study identifies best practices for disposal. • Member asked about current/future environmental footprint of disposal options. <ul style="list-style-type: none"> ○ Staff confirmed that Metro Vancouver’s Waste-to-Energy Facility meets regulatory requirements and Waste-to-Energy (WTE) is safe and cost-effective. • Member asked if the study compared landfill vs. waste-to-energy in a lifecycle analysis. <ul style="list-style-type: none"> ○ Staff clarified the study purpose was not to determine which is better but to describe international practices and decision drivers. • Member expressed concern that without conclusions, the study may not guide the updated plan. • Question on how criteria will be weighted; concern it feels meaningless otherwise. <ul style="list-style-type: none"> ○ Staff explained the study helps to understand what the experience has been like across the globe on options that have been implemented on a commercial scale, for waste disposal. • Member mentioned that there is a perception that the study was biased toward Waste-to-Energy (WTE); suggestion to analyze existing facility (especially with renewed Electricity Purchasing Agreement and potential taxpayer costs). • Feedback was provided that the plan should state not to continue with WTE, rather than just criteria for assessing potential disposal options. • Member posed a question whether more effort should go into source separation. | <p>Benndorf; Komal Fatima</p> <p>Paul Henderson</p> |
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| | <ul style="list-style-type: none"> ○ Staff responded that Metro Vancouver’s approach of maximizing source separation is accepted as the most successful approach to reducing waste. ● Member noted that WTE creates the perception of “unlimited capacity,” potentially leading to more plastic production. Landfill seen as more limited. ● Member asked whether the plan defines “garbage.” Concern that calling it “garbage” discourages recovery opportunities. <ul style="list-style-type: none"> ○ Staff clarified residuals are leftovers from residential, commercial, and institutional streams (not C&D), and that garbage is a colloquial term used to describe these generation sources. ● Member posed concern about transporting waste to faraway landfills; need for a consistent evaluation framework. ● Member noted a lack of review of mixed waste processing in the study, aside from Toronto example. Key benefit would be removal of organics that drive landfill GHGs. | |
| 6. | INFORMATION ITEMS | |
| | <p>6.1 Zero Waste Committee and Other Updates Paul Henderson, General Manager, Solid Waste Services, Metro Vancouver, provided information regarding the Zero Waste Committee September 11, 2025 meeting reports.</p> <ul style="list-style-type: none"> ● A discussion took place regarding the cost between the different disposal options – asking what was presented to the Zero Waste Committee <ul style="list-style-type: none"> ○ Staff advised that Zero Waste Committee members asked for more detail on the disposal cost comparisons and that information would be provided to the Zero Waste Committee at its October meeting. | Paul Henderson |
| 7. | ADDITIONAL ITEMS | |
| | The upcoming meetings are: <ul style="list-style-type: none"> ● October 3 in-person meeting: Options analysis feedback session | Chair |

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| | <ul style="list-style-type: none"> • November 20 in-person meeting: Targets <p>Transparency and Meeting Minutes:</p> <ul style="list-style-type: none"> • Member raised concern about whether all critical questions and opinions are being documented in meeting minutes. Referring to the attached letter to staff from PTAC member. • Staff responses: <ul style="list-style-type: none"> ○ Comments from HSR Zero Waste and responses were attached to the agenda package (attachment 4). ○ Commitment to transparency: draft minutes are published in advance of meetings, Engagement Panel members invited to future PTAC meetings, online meetings are livestreamed/recorded and posted on the PTAC website. ○ PTAC meeting notes will include more details moving forward to ensure all questions and comments are captured. | |
| | <p>ADJOURNMENT</p> <ul style="list-style-type: none"> • Adjourned at 2:45 p.m. | <p>Chair</p> |

1.0 RETHINK

1.1. Advocate for circular economy policies

- ID004 Work with other municipalities and regions across Canada to develop and advocate for implementation of priority circular economy regulations.
- ID003 Advocate for regulatory approaches that prevent waste through implementation of low carbon, circular design and business models.
- ID090 Advocate that federal and provincial governments develop regulatory programs to improve reporting and implementation of circular food systems.
- ID005 Advocate that federal and provincial governments develop regulatory programs to improve reporting and implementation of circular built environment solutions.
- ID001 Advocate that federal and provincial governments phase in regulations for the prohibition of the import, export manufacture, and distribution of non-essential, non-recyclable products and packaging.

1.2. Support the transition to a more circular regional economy through waste prevention

- ID016 Identify and encourage scale up of low waste local food production such as vertical farms, gleaning, food remanufacturing, and industrial symbiosis opportunities.
- ID014 Work collaboratively with economic development agencies to implement circular business solutions that support waste prevention innovation and support a prosperous region.
- ID079 Improve circular economy education in schools through field trips, hands-on learning, and other innovative school education programs.
- ID015 Advocate for incentives and programs for circular built environment solutions such as design for disassembly, buildings as material banks, and incorporation of used building materials for new construction.
- ID011 Explore collaborations with entities such as chambers of commerce to equip small and medium-sized enterprises with practical guidance to successfully transition to a circular economy.
- ID012 Bring together cross-sector ideas and facilitate discussions to create circular economy solutions that accelerate waste prevention.
- ID074 Work with trade schools, industry associations, practitioners, and senior government to identify and implement solutions to fill skills training gaps required to scale a circular food system.

- **ID031** Host events with different sectors to understand the current and potential future abilities to provide circular products and services.
- **ID042** Work with trade schools, industry associations, practitioners and senior government to identify and implement solutions to fill skills training gaps required to scale rethink approaches to a low waste built environment, such as design for disassembly.
- **ID088** Develop circular certification programs for business.
- **ID009** Integrate additional waste prevention policies and programs within Metro Vancouver's operations.
- **ID010** Share regional learnings in rethinking and preventing waste in Metro Vancouver's operation and delivery of solid waste management and planning.
- **ID013** Assess education programs and collaborate with post-secondary institutions and professional development programs across various sectors to enhance circular economy training offered.
- **ID041** Identify and work with industry event organizers to include circular built environment success stories, communication, and learning sessions that promote waste prevention in their industry communications and learning sessions.

1.3. Build on and foster an inclusive and collaborative circular economy

- **ID021** Work on collaborative research projects to further advance waste reduction and a circular economy, and share the findings broadly.
- **ID017** Collaborate with external groups to identify and implement new circular economy initiatives in the community.
- **ID098** Develop collaborative programs that integrate Indigenous practices into urban sustainability initiatives, such as community composting gardens or permaculture projects.
- **ID023** Continue working with textile waste reduction organizations to develop tools for the fashion industry to design low waste, circular clothing.
- **ID029** Lead a working group to support member jurisdictions on the development and implementation of circular procurement policies and practices.
- **ID160** Develop, test and share low carbon circular built environment procurement approaches, tools and templates.
- **ID022** Collaborate with governments, industry, and technology partners to develop digital tools that map how buildings are constructed and what materials they contain, enabling better tracking and forecasting of used building materials for reuse.
- **ID026** Collaborate with regional economic development agencies and others to educate business on the benefits of circular business models, invite industry to share their ideas on how to accelerate adoption of circular business models and update existing circular economy resources.

- ID018 Continue to learn from circular economy and waste prevention leaders.
- ID027 Investigate how to maximize low barrier employment opportunities in roles that support a circular economy.
- ID099 Continue and build on existing industry collaborations such as national scale organizations to reduce plastics and other priority waste streams.
- ID019 Continue to facilitate sharing with member jurisdictions through regularly scheduled advisory committee meetings. Through these committees, host workshops and learning sessions with member jurisdiction staff on priority topics.

1.4. Collect and enhance data to track progress toward a circular economy

- ID093 Research and pilot ways to measure success of collaborations.
- ID091 Develop methods for estimating and reporting environmental benefits for waste prevention actions, such as reduction of GHG emissions (including embodied carbon), water use, and life-cycle impacts.
- ID092 Continue to develop and improve region wide key performance indicators to track progress on circular economy through rethinking and reducing waste.
- ID097 Work towards reporting by material type on all levels of the waste hierarchy starting with organics, wood, and textiles.
- ID095 Explore new technology that could help with data collection.
- ID094 Strengthen waste composition data to improve actionable insights.
- ID096 Look at ways to include diversity, equity and inclusion data in solid waste data.

2.0 REDUCE

2.1. Collaborate with businesses and institutions to reduce waste at the source

- ID020 Host workshops with specialty sectors such as healthcare to co-develop waste reduction solutions.
- ID100 Develop education tools for businesses to help them reduce waste, motivate customers to participate, and comply with evolving waste reduction regulations.
- ID161 Host workshops aimed at sharing and implementing approaches to reduce commercial/institutional disposal such as business license requirements or other regulatory approaches.
- ID102 Develop methods to estimate the waste reduction impacts of everyday actions and communicate back to businesses how they are doing.
- ID002 Continue working collaboratively with national plastics waste reduction organizations, businesses, non-profits and member jurisdictions to reduce plastic waste and identify additional hard to recycle plastics for elimination.

- ID101 Increase in person education where business and others can talk directly with experts on how to reduce waste.
- ID024 Connect with member jurisdictions and the clothing sector to develop solutions for clothing waste reduction that can be implemented at the regional level.
- ID162 Host workshops and meetings aimed at sharing and implementing updates to definitions and provisions in zoning and development bylaws which better clarify and facilitate the possible locations for waste reduction and recycling businesses.
- ID028 Work with different sectors such as the promotional products industry to develop and promote procurement tools and templates for Metro Vancouver and other organizations to buy more sustainable goods.
- ID040 Co-host events such as "builders' breakfasts" with the construction industry, housing and development sectors, and member jurisdictions to help build awareness, share success stories and workshop solutions to reducing waste in the built environment sector.
- ID043 Update and maintain the Metro Vancouver Construction and Demolition Waste Reduction Toolkit starting with updated case studies that follow a case study template developed collaboratively with industry and member jurisdictions.
- ID062 Report on challenges and opportunities to reduce construction waste in the Metro Vancouver region.

2.2. Support residents adopting waste prevention habits

- ID081 Increase in-person education where residents can talk directly with experts on how to reduce waste.
- ID080 Develop methods to estimate the waste reduction impacts of everyday actions and communicate back to residents how they are doing. Celebrate high performers.
- ID104 Expand education tools to help residents of multi-family buildings to reduce waste, increase participation, and comply with evolving waste reduction regulations.

2.3. Prioritize food waste reduction initiatives

- ID075 Advocate for the federal and provincial governments to provide funding and incentive programs for businesses to scale up food reuse, food recovery, gleaning on farms and food remanufacturing.
- ID072 Work with business, industry associations, and non-profits to reduce food loss and waste by improving food purchasing, storage, and preparation methods.
- ID073 Share learnings through industry focused web resources for the hospitality and entertainment sectors.
- ID052 Incentivize the commercial and institutional sectors to reduce food waste.

2.4. Enhance approaches to Metro Vancouver's disposal ban

program

- ID107 Explore options to enhance disposal ban inspection efficacy such as the use of clear bags or innovative technology solutions
- ID106 Create incentives for waste and recycling collectors to work with their customers to adopt additional recycling services and reduce waste.
- ID105 Review and expand Metro Vancouver disposal ban program to include new items such as textiles.

3.0 REUSE

3.1. Support consistent approaches to reuse

- ID032 Develop consistent tools and reporting requirements to improve administrative efficiency of house relocation and deconstruction bylaws for contractors and municipalities.
- ID034 Advocate for the adoption of consistent reuse regulations once they are proven successful at the community level.
- ID063 Update the regionally harmonized approach for single-use item reduction bylaws to include reuse requirements.

3.2. Increase reuse of used building materials

- ID039 Encourage the development of an in-region facility for triaging building materials to their best and highest use.
- ID045 Advocate that provincial and federal governments develop an incentive program to increase the use of used building materials in new projects.
- ID046 Work collaboratively with industry, municipalities and the federal and provincial government to better understand storage and land use requirements for the construction and demolition sector and find innovative solutions to meet land use needs for key waste reduction activities such as house moving, deconstruction and building material resale.
- ID038 Explore options for implementing an online marketplace for construction and demolition materials.
- ID037 Foster further development of secondhand building material markets.
- ID035 Work collaboratively with industry and member jurisdictions to increase reuse in the construction and demolition sector.
- ID036 Encourage residents to incorporate more used building materials into their home renovation projects.

3.3. Foster the broad adoption of reuse, refill, and repair

- ID066 Consider spatial mapping of repair and other ways to better quantify reuse and repair in the region. Prioritize open data approaches so that data can be universally accessed.
- ID047 Advocate that the federal and provincial government develop funding programs to support the expansion and development of reuse and repair infrastructure such as “thing borrowing” at public libraries, refill at retail, packaging reuse systems, furniture reuse, and a community reuse options database.
- ID083 Work collaboratively with food recovery and reuse organizations and non-profits to develop a where to reuse/refill/repair data set.
- ID167 Work with industry associations, practitioners and senior government to identify and fill skills training gaps required to scale reuse, refill and repair.
- ID164 Share best practices for incorporating reuse, refill, and repair programs into communities.
- ID025 Encourage brands to take back garments from consumers for reuse and repair.

3.4. Work with event organizers, businesses and institutions to increase reuse

- ID055 Evaluate the feasibility of a regional-scale reusable food service ware system.
- ID056 Continue to scale up reuse drop-off at Metro Vancouver recycling and waste centres across the region.
- ID084 Incentivize the commercial and institutional sector to implement refill/reuse systems.
- ID053 Co-develop measures to improve the reuse experience for consumers with national plastics waste reduction organizations and retailers.
- ID165 Develop a regional approach to events prioritizing surplus food redistribution, reusable food service ware, and litter reduction.
- ID050 Work with event organizers, event venues, schools, and universities to implement reusable food service ware, bags reuse programs, and food recovery.
- ID054 Evaluate the feasibility of a 'reuse mall' model.
- ID051 Support libraries to send surplus books for reuse and recycling through education.

3.5. Increase access to reuse, refill and repair

- ID060 Explore the feasibility of a small business grant program to support the transition to reuse, refill, and waste reduction.
- ID065 Research and trial additional ways to scale reuse and repair.

- ID059 Support community-based waste reduction and reuse programs for schools, non-profit organizations, and community groups.
- ID166 Support increasing the size, number and frequency of repair and reuse events around the region.
- ID058 Facilitate more community-based solutions like buy-nothing groups and shared fridges.
- ID086 Work with multi-family buildings to increase donation collection options for reusable streams such as clothing and books.
- ID061 Foster the development of a network that connects independently operated, non-profit and community based reuse and repair initiatives.

3.6. Scale efforts to recover food

- ID067 Maintain and scale the regional food recovery network.
- ID068 Continue to share results of food recovery initiatives across Metro Vancouver and look at ways to foster cross-department collaboration on food security.
- ID069 Further map out food recovery assets/food waste solutions per stage of the food supply chain, including a focus on clarifying what foods can be donated to people and animals.
- ID087 Work with industry experts and food related sectors to develop a practical guide to measuring and reporting food waste reduction efforts to facilitate development of a complete set of food recovery data for the region.
- ID071 Work toward getting a complete set of food recovery data for the region, and consider incentives to encourage reporting.

3.7. Encourage and celebrate residents and businesses that prioritize reuse and refill practices

- ID078 Develop waste prevention and reuse programs and education targeting specific sectors that may be unfamiliar with regional waste reduction practices such as newcomers and tourists.
- ID076 Provide education for residents on affordable actions they can take to prevent waste through everyday activities.
- ID077 Promote bring your own cups and bags and other reusable items, including fun new elements and co-developed messaging that resonates with residents with a diversity of cultures and values.
- ID089 Develop and implement an annual recognition program to celebrate businesses in the region for reuse, refill, and repair programs and initiatives.

4.0 RECYCLE

4.1. Promote design for recyclability and the use of recycled content in products and packaging

- **ID112** Enhance partnerships with the provincial government, industry, academia, and community groups to research and develop solutions to overcome barriers to reuse and recycling and opportunities to incorporate recycled content into new products.
- **ID113** Work with national plastics waste reduction organizations and others to understand and address barriers to increased recycled content in plastic products and packaging.
- **ID109** Research and advocate for improvements to the recyclability of plastic-lined paper products such as coffee cups.
- **ID111** Support recycling markets by purchasing recycled products including compost.
- **ID110** Continue to work with engineering design and construction organizations to update concrete and asphalt specifications to include recycled content and educate engineers and road builders on how to successfully increase recycled content.

4.2. Enhance EPR programs

- **ID116** Identify and advocate for additional materials to be added to extended producer responsibility programs such as non-residential packaging without readily available markets, and challenging materials such as mattresses.
- **ID118** Advocate for full funding of producer responsibility programs and the expansion of residential-only programs to small businesses.
- **ID119** Advocate for accelerated deployment of direct collection of an expanded suite of materials including film plastic and foam.
- **ID121** Advocate for expanded recycling drop-off options for materials such as household hazardous waste, considering mobile options to improve convenience and accessibility.
- **ID120** Advocate for consistency in extended producer responsibility programs, labelling requirements, and enforcement of greenwashing regulations to reduce “what goes where” confusion.
- **ID064** Encourage collection programs which reduce barriers for recycling large items.
- **ID117** Continue to participate in BC product steward engagements and provide feedback on potential improvements to existing programs and the development of new programs.

4.3. Encourage the development of new recycling infrastructure

- **ID044** Advocate for federal and provincial government funding programs to scale recycling infrastructure and innovation for challenging materials such as food for

remanufacturing, anaerobic digestion feedstock, wood waste, carpet, and plastic-lined paper products.

- ID122 Identify gaps in organics collections programs and work collaboratively to implement or improve existing collection and processing programs.
- ID123 Explore opportunities to facilitate the siting of private sector recycling activities.
- ID124 Convene recycling industry and member jurisdictions to get their perspective on how to continue to maintain and increase recycling infrastructure that services the region.

4.4. Improve participation in green bin programs and alternatives for multi-family residents and businesses

- ID126 Identify and implement pilots and technology research that could advance and improve organics recycling in the commercial/institutional sector.
- ID125 Review provision of green bins for non-residential properties and work collaboratively to increase participation in non-residential organics programs.
- ID128 Determine what role, if any, compostable plastics can play in organics management systems.
- ID127 Continue to provide tools and tips to residents to reduce odours and “yuck factor” with green bins.

4.5. Make recycling easier and more effective by reducing confusion and improving convenience

- ID142 Facilitate development of digital tools that allow users to scan waste items and receive clear, multilingual instructions on options for reuse, repair, recycling, or disposal.
- ID131 Improve access to textile donation and recycling collection services.
- ID140 Support knowledge sharing of space and access requirements for multi-plex units (six units or less).
- ID133 Explore the development of a signage standard and customizable tool to help reduce confusion about what goes in each bin, based on the most common items collected.
- ID132 Recognize and reward those who recycle well so others are inspired to follow their example.
- ID135 Provide clear, consistent guidelines on what can and cannot be recycled.
- ID138 Review multi-family residential waste and recycling container space and access guidelines, including determining if the guidance needs to account for increased amounts of material or additional types of materials.
- ID134 Centralize information sources to make it consistent and easier for the public to find information and look for resources.

- ID136 Work with businesses and recycling depots across the region to work towards streamlining the types of materials accepted where practical.
- ID137 Study sorting and disposal habits in busy public spaces and test different interventions to reduce contamination and litter.

4.6. Target recycling education

- ID144 Develop educational resources for businesses, including large waste generators, small and medium sized enterprises, and ethnocultural businesses.
- ID146 Develop educational resources for people to reduce waste when they are hosting a large gathering.
- ID145 Explore collaborations with non-profits organizations to support better education and sorting in apartment buildings.
- ID147 Improve awareness and access to existing environmental advisors that provide regional waste reduction information services.
- ID148 Expand appeal of recycling messaging by working with artists and community influencers to develop messaging to inspire and motivate people to recycle.
- ID151 Gamify recycling and reduction education.
- ID152 Collaborate on the development of how to recycle videos to improve community pride and accuracy of recycling.
- ID143 Work with producer responsibility organizations, industry groups and member jurisdictions to better educate residents on options for emerging and challenging materials.
- ID150 Research and target the most confusing items for residents that are often incorrectly sorted.
- ID129 Promote and educate residents on worm bins and backyard composting.
- ID154 Work with member jurisdictions and other recycling collectors to pilot technologies such as optical AI contamination detection systems to provide education on proper waste sorting requirements.
- ID149 Host industry specific dialogues to better understand and co-solve recycling and waste prevention challenges.
- ID103 Develop and deploy improved education for multi-family residents.
- ID153 Work on understanding recycling data and challenges in specific commercial sectors such as events, film, tourism, food service, and health care.

4.7. Increase transparency of what happens to materials from recycling and green bin programs

- ID157 Facilitate public tours of recycling facilities so that residents can see what happens to their materials.

- ID156 Increase transparency of which organizations are handling which materials.
- ID159 Show where waste goes and how it's processed to provide more transparency in the recycling system.
- ID158 Facilitate adding what happens to material in recycling option databases.

4.8. Prevent litter and illegal dumping through public space recycling initiatives

- ID175 Explore more community waste, recycling and reuse drop-off events.
- ID176 Support community clean-up initiatives.
- ID174 Enhance litter and illegal dumping data.
- ID178 Review approaches in other jurisdictions to reduce illegal dumping
- ID177 Research the impacts of improperly managed waste on wildlife.

5.0 RECOVER

5.1. Recover materials and energy from non-recyclable materials

- ID169 Collect dimensional lumber not suitable for reuse or recycling to process into fuel to replace fossil fuels in applications such as district energy and other decentralized heating and agricultural/industrial systems.
- ID172 Advocate for and explore the potential for piloting technologies that can convert construction and demolition wood waste into energy and fuel such as: electricity, aviation fuel or hydrogen, biomass/biocoal.
- ID168 Share information with respect to construction and demolition waste characteristics and quantities to support investigations into the potential to recover materials from non-recyclable construction and demolition waste.
- ID171 Continue to pursue processing of small load waste to recover non-recyclable wood and other materials.
- ID170 Encourage diversion of non-recyclable construction and demolition waste to recover recyclables and alternative fuels in facilities with advanced environmental protection systems such as cement plants.
- ID179 Continue to pursue the beneficial use of bottom ash from the Waste-to-Energy Facility in cement plants.



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2025 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 |
|--------------------|--|-----------------|-------------|
| February 21, 2025 | <ul style="list-style-type: none"> Provide a full list of plan update ideas from Idea Generation phase of engagement | Terry Fulton | Complete |
| April 10, 2025 | <ul style="list-style-type: none"> Metro Vancouver to provide response to PTAC member inquiry regarding the Landfill Greenhouse Gas Emissions | Paul Henderson | Complete |
| June 19, 2025 | <ul style="list-style-type: none"> Potential to have an invited presenter (OCEANA) to a future PTAC meeting | Brooke Atkinson | Pending |
| June 19, 2025 | <ul style="list-style-type: none"> Staff to bring back information on the United Boulevard Recycling and Waste Centre Reuse Days pilot | Paul Henderson | In-progress |
| June 19, 2025 | <ul style="list-style-type: none"> Staff to bring back a more detailed regulatory strategy to the committee at a later meeting | Terry Fulton | In-progress |
| September 18, 2025 | <ul style="list-style-type: none"> Publish draft plan materials (strategies, rubric, residuals study) and open feedback process. | Paul Henderson | Complete |

Responses To Questions from September 18, 2025 Vancouver Landfill Tour

| | QUESTION | RESPONSE |
|---|--|--|
| 1 | What is the capacity of the site? | <ul style="list-style-type: none"> • We publish remaining capacity in the Landfill Annual Report (Annual reports: Vancouver Landfill, Waste Management and Resource Recovery City of Vancouver) • At the end of 2024, the remaining capacity was 4.2M tonnes/5.76M cu.m. • At the end of 2024, there were approximately 28M tonnes in place |
| 2 | How many GJ are produced from LFG utilization (RNG)? | <ul style="list-style-type: none"> • Capacity is up to 1,000,000 GJ equivalent to heat for >16,000 homes |

Solid Waste Management Plan Public/Technical Advisory Committee

2025 Annual Work Plan – Updated Draft

Meeting Date: October 3, 2025

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 | Proposed Meeting Date |
| Public/Technical Advisory Committee Updated Terms of Reference | Complete | February 21, 2025 |
| 2023 Solid Waste and Recycling Statistics | Complete | February 21, 2025 |
| Solid waste management plan update: | | |
| • Introducing Goals and Options Analysis Criteria | Complete | February 21, 2025 |
| • Climate 2050 Solid Waste Primer | Complete | April 10, 2025 |
| • Draft Hierarchy, Goals, and Performance Metrics Feedback Session | Complete | April 10 and May 8, 2025 |
| • Options Analysis Criteria | Complete | May 8, 2025 |
| • Regulatory Framework | Complete | June 19, 2025 |
| • Idea Generation Engagement Summary Report | Complete | June 19, 2025 |
| • Concrete and Asphalt Recycling Opportunities Review | Complete | June 19, 2025 |
| • Recycling and Waste Centre Strategy | Complete | June 19, 2025 |
| • Residual Waste Management Options Review | Complete | September 18, 2025 |
| • Plan Outline, Rubric, and Strategies Review | Complete | September 18, 2025 |
| • Vancouver Landfill Tour | Complete | September 18, 2025 |
| • Options Analysis Feedback Session | In-progress | October 3, 2025 |
| • Targets | Pending | November 20, 2025 |

2025 Meeting Dates:

February 21, 2025

April 10, 2025 (In-person)

May 8, 2025

June 19, 2025

September 18, 2025 (Vancouver Landfill Tour and meeting)

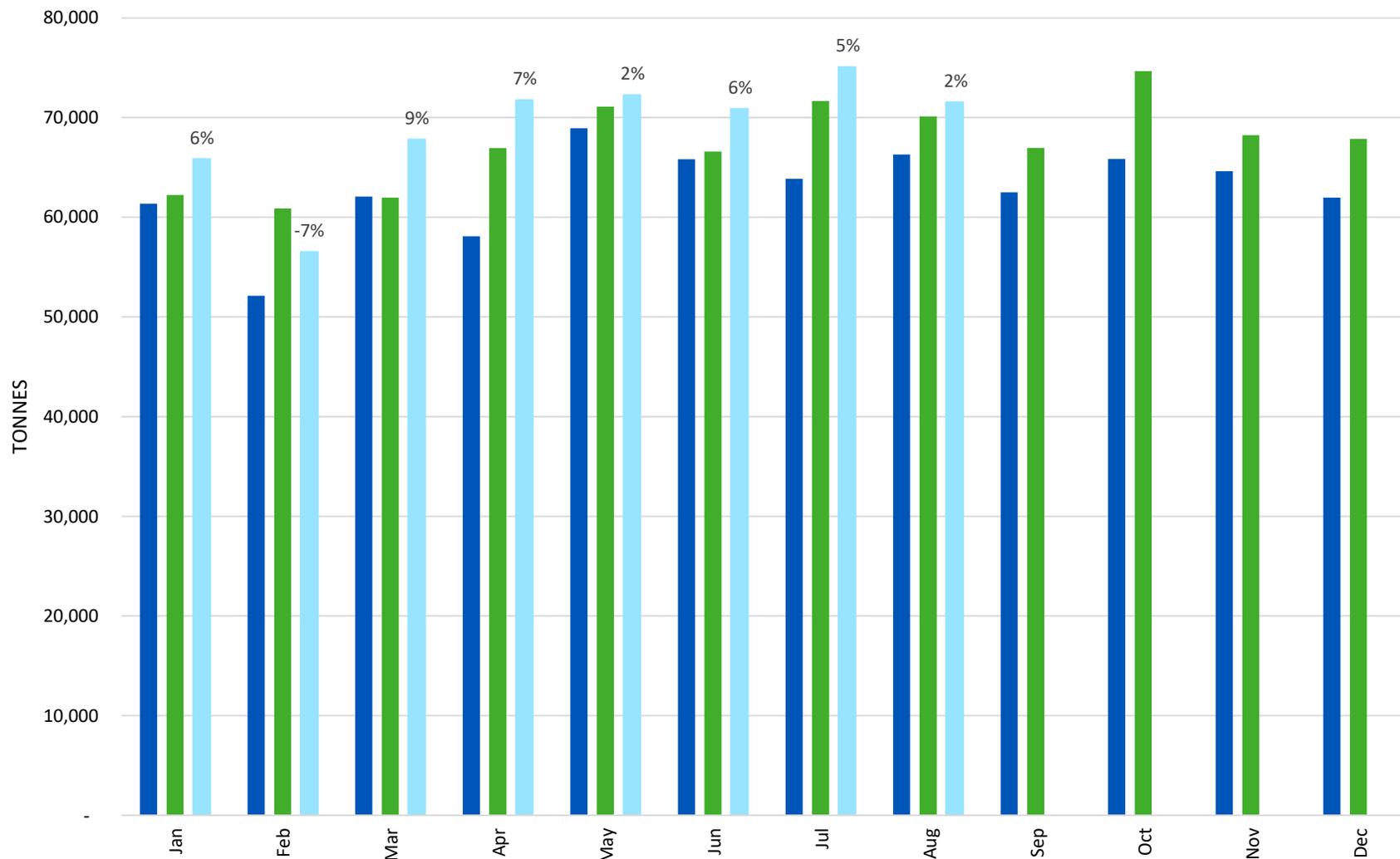
October 3, 2025 (In-person)

November 20, 2025 (In-person)

Metro Vancouver Waste Quantities* 2023 - 2025**

■ 2023 ■ 2024 ■ 2025

YTD % Change: 4%



**Data reconciled to May 2025

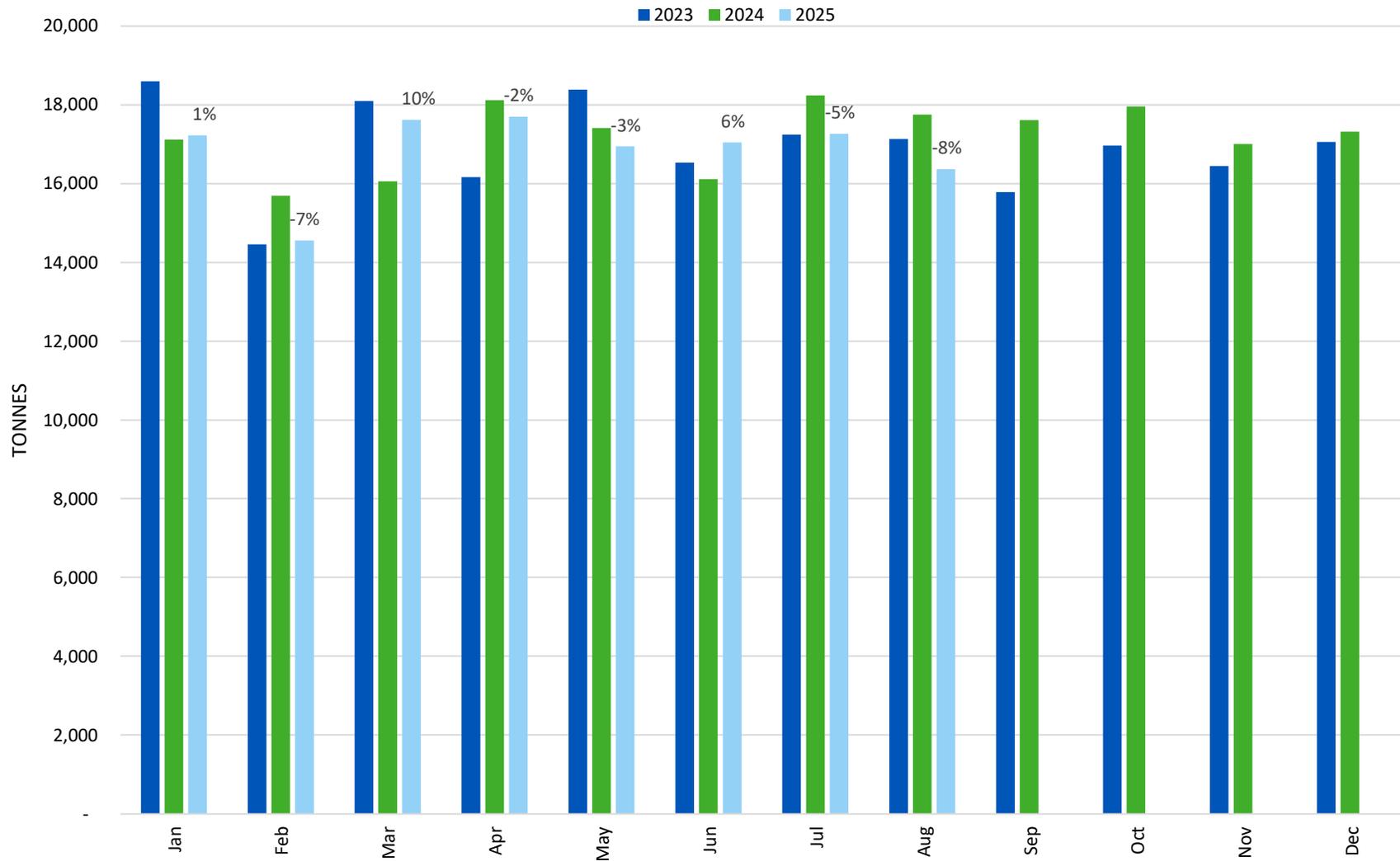
*Metro Vancouver's Six Recycling and Waste Centres & the Waste-to-Energy Facility

City of Vancouver Waste Quantities*

2023 - 2025

(Demo garbage not included)

YTD % Change: -1%



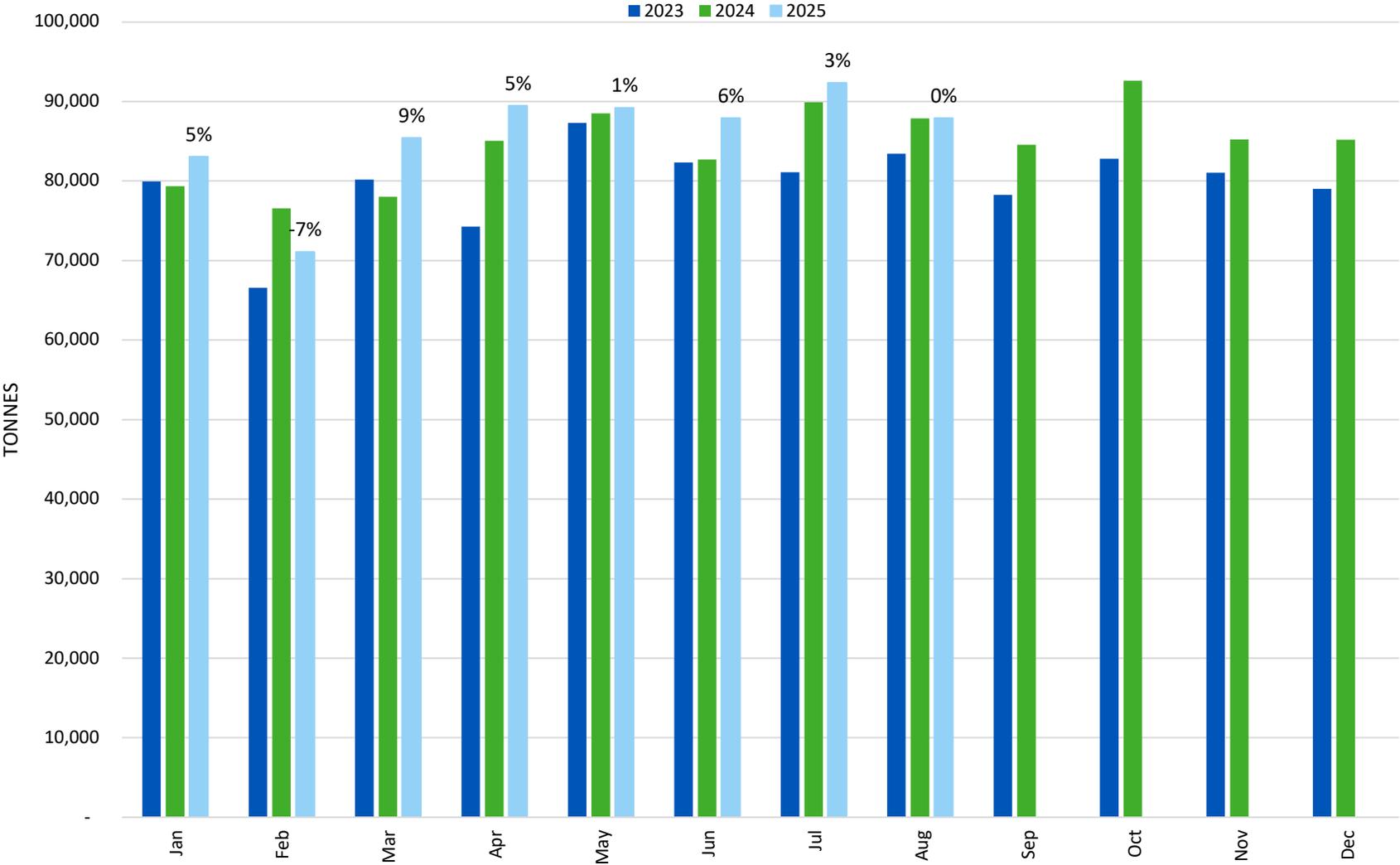
*Vancouver Landfill & Vancouver South Transfer Station

Metro Vancouver and City of Vancouver Waste Quantities

2023 - 2025*

(Demo garbage not included)

YTD % Change: 3%



*Metro Vancouver data reconciled to May 2025

To: Zero Waste Committee

From: Brandon Ho, Senior Project Engineer, Solid Waste Services

Date: June 17, 2025 Meeting Date: July 3, 2025

Subject: **2024 Disposal Ban Program Update**

RECOMMENDATION

That the Zero Waste Committee receive for information the report dated June 17, 2025, titled "2024 Disposal Ban Program Update".

EXECUTIVE SUMMARY

The disposal ban program encourages waste reduction and recycling through surcharges on garbage loads that contain banned materials above prescribed thresholds. Garbage loads are visually inspected to identify banned materials. Approximately 19% of the garbage loads received at Metro Vancouver and City of Vancouver solid waste facilities were inspected in 2024, and of those loads approximately 11% contained banned materials, with 2% receiving surcharges. Inspectors worked with customers to provide alternative recycling options to prevent more than 15,000 loads containing banned materials from being disposed. Corrugated cardboard, electronic waste and mattresses were the top three banned materials in loads receiving surcharges.

A pilot program is being developed to create incentives for haulers working with their customers to maximize recycling efforts at source, and also recognize processors that have taken all reasonable steps to eliminate recyclables from their garbage loads.

PURPOSE

The purpose of this report is to provide the annual update to the Zero Waste Committee on the 2024 results of the Metro Vancouver disposal ban program.

BACKGROUND

Disposal ban program results are reported annually as outlined in the Zero Waste Committee work plan. The program helps keep readily recyclable materials and hazardous materials that pose operational risks out of the waste stream.

2024 DISPOSAL BAN PROGRAM RESULTS

The *Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 379, 2024*, as amended (Tipping Fee Bylaw) specifies a list of over 40 banned materials restricted from disposal (Attachment 1). The disposal ban program is a key tool for Metro Vancouver to encourage waste reduction and recycling. Garbage loads received at Metro Vancouver and City of Vancouver solid waste facilities are visually inspected for banned materials, and surcharges are applied if banned materials are present in quantities exceeding the thresholds defined in the Tipping Fee Bylaw. Metro Vancouver reports annually on program results including inspection and surcharge rates, and surcharges by material and customer type.

Disposal Ban Program Results

In 2024, the number of garbage loads received at regional solid waste facilities was 6.6% higher than in 2023. One reason for the increase in the number of loads is due to additional loads received at the new Central Surrey Recycling and Waste Centre that opened in September 2022. In 2023 and 2024, some inspectors were reallocated to the new facility to conduct load inspections and educate customers. Consequently, with fewer customers at the smaller facilities, the total number of loads inspected decreased in 2024 compared to 2022. In addition, new weigh scale software was implemented during the second half of 2024 which resulted in some technical challenges with load inspections. Table 1 provides a multi-year comparison of disposal ban program results.

In 2024, 169,625 loads were inspected (19% inspection rate), and 19,094 (or approximately 11%) of inspected loads contained banned materials. Inspectors were able to work with customers and provide alternative recycling options to prevent 15,966 loads (re-loads) containing banned materials from being disposed as garbage.

Table 1: Inspection Statistics for Regional Solid Waste Facilities

| Year | Garbage Loads | Loads Inspected | Inspection Rate | Re-Loads | Surcharge Notices | Surcharge Rate |
|------|---------------|-----------------|-----------------|----------|-------------------|----------------|
| 2022 | 800,855 | 194,588 | 24% | 20,161 | 3,462 | 1.8% |
| 2023 | 834,626 | 165,906 | 20% | 10,674 | 3,284 | 2.0% |
| 2024 | 889,501 | 169,625 | 19% | 15,966 | 3,128 | 1.8% |

Results by Material Type

Table 2 summarizes the distribution of surcharged loads by banned material type. Corrugated cardboard accounted for 30% of the surcharge notices in 2024, up from 24% in 2023. Electronic waste (including computers, home entertainment systems, household electronics, kitchen appliances, and vacuums) represented 25% of surcharged loads in 2024, down from 31% in 2023. Mattresses and food waste both accounted for 7% and 6%, respectively.

Table 2: Summary of Materials Contained in Surcharged Loads at Regional Solid Waste Facilities

| Material | 2022 | 2023 | 2024 |
|------------------|------|------|------|
| Cardboard | 21% | 24% | 30% |
| Electronic Waste | 32% | 31% | 25% |
| Mattresses | 7% | 7% | 7% |

| Material | 2022 | 2023 | 2024 |
|---|------|------|------|
| Food Waste | 9% | 8% | 6% |
| Gypsum | 6% | 9% | 5% |
| Large Objects | 4% | 2% | 5% |
| Other Banned Materials | 5% | 4% | 5% |
| Clean Wood | 2% | 2% | 4% |
| Paint (Includes empty containers) | 3% | 2% | 3% |
| Tires | 3% | 4% | 3% |
| Green Waste | 1% | 2% | 3% |
| Wire, Hosing, Rope or Cable | 2% | 1% | 2% |
| Expanded Polystyrene Packaging | 2% | 2% | 2% |
| Oil (Includes containers and filters) | 1% | 1% | 1% |
| Mixed Recyclables (includes paper and containers) | 3% | 1% | <1% |

Surcharges by Customer Type

Table 3 summarizes the number of inspections and surcharge notices by customer type in 2024. The surcharge rate for commercial loads is typically higher than other customer types due to the load volumes, types of materials, and how they are collected. Typically, it is not safe/practical to prevent disposal of banned materials from a commercial or municipal load. Municipal loads are generally from single family households and typically have less visible banned materials than commercial loads. Residential cash and other non-account customers arriving in small vehicles normally unload materials manually and can separate, retrieve and recycle banned materials more easily.

Table 3: Summary of Surcharges by Customer Type for 2024

| Customer Type | Inspections | Surcharge Notices | Surcharge Rate |
|---------------|-------------|-------------------|----------------|
| Commercial | 44,392 | 2,399 | 5.4% |
| Municipal | 7,965 | 117 | 1.5% |
| Non-account | 117,268 | 612 | 0.5% |
| Totals | 169,625 | 3,128 | 1.8% |

Dispute Resolution

Customers may dispute a surcharge within 30 days of issue by completing a dispute form. Metro Vancouver received 12 surcharge disputes in 2024, down from 13 in 2023. Eight surcharge notices were rescinded as summarized in Table 4.

Table 4: Surcharge Dispute Summary

| Year | Surcharge Disputes Received | Surcharge Notices Rescinded |
|------|-----------------------------|-----------------------------|
| 2022 | 21 | 13 |
| 2023 | 13 | 7 |
| 2024 | 12 | 8 |

Hauler Surcharge Information

The 2024 surcharge amount and surcharge rate for each hauler with total surcharges exceeding \$1,000 is shown in Attachment 2 (surcharges applied at Metro Vancouver facilities only). The hauler surcharge rate is the number of surcharge notices divided by the number of inspections for each hauler.

Disposal Ban Exemption Pilot Program

In 2023, Metro Vancouver conducted a disposal ban program review through a third party consultant. The review found that the program is effective and that surcharges are being applied consistently. The review also identified some potential areas for program improvement. One key finding was that there is an opportunity to work with haulers through incentives to encourage the haulers to work with generators to further increase recycling, and reduce the potential for banned materials being disposed in garbage containers. A pilot program is under development that will aim to create incentives for waste haulers to maximize opportunities for their customers to recycle and recognize the work of processors that take all practical measures to eliminate recyclables from the residual material from those facilities that requires disposal.

ALTERNATIVES

This is an information report. No alternatives are presented.

FINANCIAL IMPLICATIONS

In 2024 surcharge revenues were \$407,729 with \$390,382 from Metro Vancouver solid waste facilities and \$17,347 from City of Vancouver solid waste facilities as shown in Attachment 3. Total program expenditures in 2024 were \$1,092,572. The program is not intended to be cost neutral but rather encourages haulers to work with their customers to increase recycling. Any cost implications of the pilot program under development will be reported to the Zero Waste Committee as the program is finalized.

CONCLUSION

The disposal ban program helps keep readily recyclable materials and materials that pose operational risks and other hazards out of the waste stream. In 2024, 169,625 loads were inspected, 19,094 loads were found to contain banned materials, and 3,128 surcharge notices were issued. The disposal ban program remains an effective tool to encourage waste reduction and recycling.

ATTACHMENTS

1. 2024 Banned Materials.
2. 2024 Solid Waste Surcharge Information at Metro Vancouver Facilities.
3. 2024 Solid Waste Surcharge Summary.

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2024 Banned Materials

| Banned Hazardous and Operational Materials (\$73 surcharge on any single item plus the costs of remediation and clean-up) | |
|---|--|
| • Agricultural Waste | • Hazardous Waste |
| • Automobile Parts | • Inert Fill Materials |
| • Barrels or Drums (205 L or greater) | • Liquids or Sludge |
| • Creosote Treated Wood | • Mattresses |
| • Dead Animals | • Oversize Objects |
| • Dusty or Odourous | • Personal Hygiene Products over 10% of the load |
| • Excrement | • Propane Tanks |
| • Flammable Materials | • Toxic Plants |
| • Gypsum | • Wire, Hosing, Rope or Cable longer than 1 m |

| Banned Recyclable Materials (50% surcharge on Items above the threshold) |
|---|
| 5% threshold on any combination of the following: <ul style="list-style-type: none"> • Beverage containers • Other recyclable plastic, glass, metal, and composite material containers • Corrugated cardboard • Recyclable paper • Green waste • Clean Wood |
| 25% threshold on food waste |

| Banned Recyclable Materials (100% surcharge on Items above the threshold) |
|---|
| 20% threshold on expanded polystyrene packaging |

| Banned Product Stewardship Materials (\$73 surcharge on any single item) | |
|--|---|
| • Antifreeze and Containers | • Paint and Paint Containers |
| • Electronics and Electrical Products | • Pesticides |
| • Gasoline | • Pharmaceutical Products and Medications |
| • Lead-Acid Batteries | • Solvents and Flammable Liquids |
| • Lubricating Oil and Containers | • Tires |
| • Oil, Oil Filters, Oil Containers | |

2024 Solid Waste Surcharge Information at Metro Vancouver Facilities

| Hauler (MV Facilities) | Surcharge Amount* | Hauler Surcharge Rate** |
|---|-------------------|-------------------------|
| Annacis Waste Disposal | \$1,019 | 26% |
| Canada Minibins Ltd | \$18,045 | 7% |
| City of Burnaby | \$4,963 | 2% |
| City of Surrey | \$1,545 | 2% |
| District of North Vancouver | \$1,347 | 3% |
| Emterra Environmental Group | \$1,111 | 10% |
| Fleetwood Waste Systems Ltd | \$1,510 | 23% |
| Four Season Roofing & Disposal Ltd | \$4,099 | 26% |
| GFL Environmental | \$31,972 | 6% |
| Greenline Disposal | \$1,329 | 29% |
| Halton Recycling Ltd (IPI Ltd) | \$6,038 | 9% |
| Maple Leaf Disposal | \$25,483 | 10% |
| Metro Disposal | \$1,392 | 1% |
| Mini-Load Disposal | \$1,201 | 13% |
| Residential - RDO | \$45,687 | 1% |
| RJ Disposal Ltd | \$2,116 | 7% |
| SF Disposal Queen | \$2,472 | 13% |
| Smart Bins Holding Ltd. | \$2,172 | 14% |
| Super Save Disposal Inc | \$47,931 | 11% |
| Two Guys Recycling & Disposal Services Inc. | \$8,580 | 15% |
| Urban Impact Recycling Ltd | \$1,909 | 2% |
| Vancouver Coastal Health | \$3,835 | 29% |
| Waste Connections of Canada | \$68,480 | 8% |
| Waste Control Services Inc | \$14,355 | 4% |
| Waste Management of Canada Corporation | \$65,739 | 13% |
| Wescan Disposal | \$6,660 | 12% |

* Does not include haulers with surcharge amounts less than \$1,000.

** Hauler surcharge rate is equal to the number of surcharges divided by the estimated number of inspections for each hauler. The estimated inspection rate is assumed to be equal to the overall inspection rate for that category of customer.

2024 Solid Waste Surcharge Summary

| | Surcharge Amount |
|---|-------------------------|
| Metro Vancouver Facilities (\$ 390,382) | |
| - Commercial | \$ 336,904 |
| - Municipal | \$ 7,791 |
| - Cash Customers | \$ 45,687 |
| City of Vancouver Facilities | \$ 17,347 |
| Total | \$ 407,729 |