



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

**Tuesday, May 9, 2023
2:00 p.m. – 4:00 p.m.
Zoom Teleconference**

A G E N D A

- 1. AGENDA**
 - 1.1 May 9, 2023 Meeting Agenda**
- 2. MINUTES**
 - 2.1 April 4, 2023 Meeting Minutes**
- 3. Issues Arising from April 4, 2023 Meeting**
 - 3.1 Point of Order**
- 4. REPORTS**
 - 4.1 Proposed Updates to the Industry Advisory Committee Terms of Reference – Blackline Version**

Verbal Update
Designated Speaker: Director Hodge, IAC Co-Chair
 - 4.2 Recycling and Waste Facilities Insurance Coverage**

Verbal Update
Designated Speaker: Paul Henderson, General Manager, Solid Waste Services
- 5. OTHER BUSINESS**
 - 5.1 Zero Waste Committee Updates**

Verbal Update
Designated Speaker: Paul Henderson, General Manager, Solid Waste Services
 - 5.2 IAC Solid Waste Management Plan Update Vision and Guiding Principles Workshop Planning**

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

5.3 2023 IAC Action Tracker and Summarize Meeting Action Items

Verbal Update

Designated Speaker: Brooke Atkinson, Engagement Specialist, Solid Waste Services

5.4 2023 IAC Member Biographies

Verbal Update

Designated Speaker: Brooke Atkinson, Engagement Specialist, Solid Waste Services

6. NEXT STEPS

7. INFORMATION ITEMS

7.1 Regional Waste Flows

7.2 Industry Advisory Committee 2023 Work Plan

7.3 Letter to Metro Vancouver Regarding Tracking and Reporting Diversion – Jamie Kaminski – March 8, 2023

Committee Co-Chairs:

Director Craig Hodge, Zero Waste

Committee Vice Chair

Polak, Mary - Waste Connections of Canada

Membership:

Abrams, Izzie - Waste Connections of Canada	Hankins, Grant - Waste Management Association of BC	Moucachen, Maya - Merlin Plastics
Ahmadi, Taufiq – Maple Leaf Disposal	Johnson, Gord - Empower Environmental/ Northstar	Plotnikoff, Terryl - Canadian Mattress Recycling Inc.
Berkhof, Edwin – Evergen Infrastructure Corp.	JansenVandoorn, Josh - Anaconda Systems Ltd.	Prasad, Shad - Cascade Recovery + Shore, Cynthia - Republic Services
Bryan, Lori - Waste Management Association of BC	Kaminski, Jamie - HSR Zero Waste	Sigmund, Sandy – Encorp Pacific Canada
Carrusca, Ken - Cement Association of Canada	Kawakami, Sean - Convertus Group	Stefenelli, Nicole - Urban Impact Recycling Inc.
Collins, James - Tymac Launch Service Ltd.	Kiani, Aiden - Lock-Block Ltd.	Victor, Nicole - Covanta
Coutts, Cindy – Encorp Pacific Canada	Koehn, Leanne – Ridge Meadows Recycling Society	Zarbl, Michael - Major Appliances Recycling Roundtable
Crawford, Jeremy – Waste Control Services	Lannin, Mike – Super Save Group	
Dietrich, Christian – Ecowaste Industries	Lotzkar, Jacqueline - Pacific Metals Recycling Inc.	
	Mallari, Achilles - Sierra Waste Services Ltd.	
	McAra, Matthew – GFL	
	McRae, Ralph – Revolution	
	Millman, David - Waste Management of Canada	

Metro Vancouver and City of Vancouver Staff:



Allan, Chris – Metro Vancouver

Atkinson, Brooke - Metro

Vancouver

Belanger, Lynn – City of Vancouver

Doorn, Nanette van – Metro
Vancouver

Henderson, Paul – Metro Vancouver

McDermott, Jon – City of Vancouver

Mizan, Zeenia – Metro Vancouver

Underwood, Chris – Metro

Vancouver

Vidler, Lynne – Metro Vancouver

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

Minutes of the Regular Meeting of the Solid Waste and Recycling Industry Advisory Committee Workshop held at 1:00 p.m. on Tuesday, April 4, 2023, at the Metro Vancouver Head Office, Conference Room 2809.

MEMBERS PRESENT:

Craig Hodge, Director, Metro Vancouver Board of Directors (Co-Chair)
Mary Polak, Waste Connections of Canada (Co-Chair)
Izzie Abrams, Waste Connections of Canada
Edwin Berkhof, EverGen Infrastructure Corp.
Lori Bryan, Waste Management Assoc. of BC
Ken Carrusca, Cement Assoc. of Canada
Jeremy Crawford, Waste Control Services
Grant Hankins, Waste Management Association of BC
Gord Johnson, Empower Environmental Solutions
Jamie Kaminski, HSR Zero Waste

Mike Lannin, Super Save Group
Achilles Mallari, Sierra Waste Services Ltd.
Ralph McRae, Revolution
David Millman, Waste Management Association of Canada
Maya Moucachen, Merlin Plastics
Terryl Plotnikoff, Canadian Mattress Recycling Inc.
Cynthia Shore, Republic Services
Sandy Sigmund, Encorp Pacific Canada
Josh JansenVandoorn, Anaconda Systems Ltd.
Michael Zarbl, Major Appliances Recycling Roundtable

MEMBERS ABSENT

Taufiq Ahmadi, Maple Leaf Disposal Ltd.
Christian Dietrich, Ecowaste Industries
Aiden Kiani, Lock-Block Ltd.
Sean Kawakami, Convertus Group
Jacqueline Lotzkar, Pacific Metals Recycling Inc.

Leanne Koehn, Ridge Meadows Recycling Soc.
Matthew McAra, GFL Environmental Inc.
Shad Prasad, Cascade Recovery+
Nicole Stefenelli, Urban Impact Recycling
Nicole Vector, Covanta

METRO VANCOUVER STAFF:

Chris Allan, Director, Solid Waste Operations, Solid Waste Services
Brooke Atkinson, Engagement Specialist, Strategy and Stakeholder Relations, Solid Waste Services
Paul Henderson, General Manager, Solid Waste Services
Allen Jensen, Senior Project Engineer, Planning, Solid Waste Services
Stephanie Liu, Senior Engagement Specialist, Strategy and Stakeholder Relations, Solid Waste Services
Mani Massah, Project Engineer, Planning, Solid Waste Services

Zeenia Mizan, Communications Officer, Strategy and Stakeholder Relations, Solid Waste Services
Marcel Pitre, Division Manager, Policy and Facility Development, Solid Waste Services
Parul Sidhu, Assistant Project Engineer, Operations & Planning, Solid Waste Services
Karen Storry, Senior Engineer, Planning, Solid Waste Services
Chris Underwood, Division Manager, Planning, Solid Waste Services
Nanette van Doorn, Strategy and Stakeholder Relations
Adriana Velazquez, Senior Project Engineer, Planning, Solid Waste Services

Alec Wu, Assistant Project Engineer, Planning,
Solid Waste Services

PREPARATION OF MINUTES: Sandra Moore, Raincoast Ventures Ltd.

Solid Waste and Recycling Industry Advisory Committee Meeting

Tuesday, April 4, 2023

1:00 PM – 4:00 PM

In-Person Workshop

Metro Vancouver Head Office

4515 Central Boulevard, Burnaby, BC, V5H 0C6

Room 2809

AGENDA

1. AGENDA

1.1. April 4, 2023 Meeting Agenda

2. MINUTES

2.1. March 7, 2023 Meeting Minutes

3. SOLID WASTE MANAGEMENT PLAN UPDATE VISION AND GUIDING PRINCIPLES WORKSHOP

4. REPORTS

4.1. Solid Waste and Recycling Industry Advisory Committee 2022 Achievements Draft Report to Zero Waste Committee

Verbal Update

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

5. OTHER BUSINESS

5.1. Zero Waste Committee Updates

Verbal Update

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

6. INFORMATION ITEMS

6.1. Regional Waste Flows

March 2023 Regional Waste Flow Data will be included in the May 2023 Agenda

6.2. 2023 IAC Action Tracker

6.3. Industry Advisory Committee 2023 Work Plan

6.4. Letter to Metro Vancouver Regarding Tracking and Reporting Diversion – Jamie Kaminski – March 8, 2023

MEETING MINUTES

Mary Polak, Co-Chair, called the meeting to order at 1:02 p.m. and welcomed attendees to the Solid Waste Industry and Recycling Advisory Committee (IAC) Workshop. Housekeeping items were relayed, and Co-Chair Polak acknowledged that the meeting was being held on the traditional territories of local First Nations.

1. AGENDA

1.1 April 4, 2023 Meeting Agenda

Co-Chair Polak proposed that the April 4, 2023 agenda be varied to consider the regular meeting items before commencing the workshop (Item 3), and asked for any additions or changes to the April 4, 2024 agenda. No additions or changes to the agenda were proposed, and no objections were made to varying the agenda.

Point of Order

A member called a Point of Order related to the completeness of the Conflict of Interest Statements of seven other Committee members, and made the following request:

- Adjourn this meeting of IAC and postpone other meetings until a thorough investigation on the matters raised is concluded and results reported to all IAC members
- Alternatively, have the people named excluded from this meeting until an investigation is concluded
- Next, if the investigation finds the members have failed to comply with the Conflict of Interest provisions, they should be removed from the IAC and not be allowed to join, or have any representatives from their respective organizations be substituted

In response to a Point of Order called, Co-Chair Polak confirmed that no business could be conducted until the Co-Chairs ruled on the Point of Order.

Recess

The meeting recessed at 1:15 p.m. and reconvened at 1:55 p.m.

Co-Chair Polak advised members that the meeting would be adjourned as the Co-Chairs required more time to review the Point of Order. Information on next steps would be communicated to the membership in a timely manner.

2. ADJOURNMENT

The Solid Waste and Recycling Industry Advisory Committee meeting adjourned at 1:55 p.m.

Solid Waste and Recycling Industry Advisory Committee

Terms of Reference

Updated May 8, 2023

1. PURPOSE

The purpose of the Solid Waste and Recycling Industry Advisory Committee (IAC) is to provide a forum for industry contribution, discussion and advice on management planning, operations and policy issues related to solid waste and recycling services in Metro Vancouver.

The purpose of these terms of reference is to describe the role of the committee.

2. OBJECTIVES

The IAC will:

- Provide industry representatives with a formal structure through which they can receive information and provide management planning, operational and policy advice related to solid waste and recycling within Metro Vancouver;
- Provide Metro Vancouver with a venue to engage the private waste services sector on solid waste and recycling plans, policies and services within the region; and
- Provide affected industry stakeholders with the opportunity to be heard and to channel ongoing feedback to Metro Vancouver, including engagement on Metro Vancouver's solid waste management plan update process as well as other waste management issues of regional importance.¹

3. MEMBERSHIP

The IAC membership is comprised of representatives of private waste and recycling collection and processing companies and their industry associations affected by existing and proposed operational and policy items related to solid waste and recycling plans, policies and services within Metro Vancouver. A representative from the Zero Waste Committee will attend all IAC meetings and will be one of the Co-Chairs for the IAC.

Membership is voluntary, self-selecting and carries a term of one year. The initial open call for membership will be advertised on Metro Vancouver's website and through Metro Vancouver's solid waste industry mailing list a minimum of 45 days prior to the inaugural IAC meeting. An annual open call for new members will be advertised a minimum of 30 days prior to each anniversary of the inaugural committee meeting. Existing members that wish to continue participation on the IAC will be asked to re-submit their statement of interest annually.

All private waste and recycling collection and processing industry representatives who express interest in participating in the IAC will be required to review the IAC Self-Selection Assessment Framework and complete the Statement of Interest Declaration confirming agreement, and expressed intention, to work within the Terms of Reference. All persons who complete this process will become members of the IAC for a term of one year.

¹The IAC is not intended to be the sole venue or mechanism for industry consultation and engagement on the solid waste management plan update. Although the IAC will provide feedback and advice related to the plan update process, the scope of the committee includes other regional solid waste management considerations and will continue beyond the approval of the solid waste management plan.

4. EXPECTATIONS OF MEMBERS

- Members must be prepared to invest time and energy towards learning and understanding existing and proposed solid waste and recycling policies, practices, and bylaws, as well as the regional waste management system and issues associated with their administration and implementation.
- Members must be prepared to work constructively and collaboratively at committee meetings to address areas of mutual concern, recognizing the multi-faceted issues and interests of all impacted stakeholders. While it is recognized that private companies are not accountable to other members of their same industry, it is expected that all IAC members act in good faith to present the experience and concerns that are reflective of their broader community.
- Members must be prepared to commit the time required to attend monthly committee meetings, pre-read the agenda and all supporting material provided for each meeting, participate fully and constructively in committee discussions, and complete required actions and tasks on time.² Members must provide advance written notice to the Co-Chairs if they are unable to attend a meeting. Members are permitted to send alternate representatives if they are unable to attend a meeting, members must provide advance written notice to the Co-Chairs advising the name and position title of their alternate.

5. CONFLICTS OF INTEREST

Members are to file with the IAC Co-Chairs a written disclosure statement detailing ~~all existing or potential conflicts of interest that the member and the organization they represent may have in regards to their relationship~~ with Metro Vancouver. Members are asked to update that disclosure statement in a timely fashion to reflect any change of circumstances or if the IAC's deliberations expose conflicts of interest that may not have been initially apparent. A conflict of interest is considered to be a pecuniary or other interest in the business of a Metro Vancouver entity that would cause a conflict of interest, or be seen to cause a conflict of interest, in the member's ability to carry out his or her duties in connection with the IAC.

Examples of information that would be expected to be shared in the disclosure statements include:

- Contracts with Metro Vancouver entities;
- Contracts providing services to Metro Vancouver facilities as a sub-contractor;
- Addresses of facilities that are licensed under Metro Vancouver's Municipal Solid Waste and Recyclable Material Regulatory Bylaw No. 181, 1996; and
- Public information related to participation in Metro Vancouver procurement processes.

~~The IAC Co-Chairs will compile a record of all reported conflicts and deliver them to all IAC members and such record will be neither confidential nor privileged.~~ The IAC Co-Chairs have no mechanism to protect confidential information, as such no confidential information should be shared with the IAC Co-Chairs or in disclosure statements. Examples of confidential information that should not be shared with the IAC Co-Chairs or included in disclosure statements include:

- ~~Participation in Metro Vancouver procurement processes where that information is not public;~~
- ~~Names of entities that a member provides consulting services to unless that information is publicly available; and~~
- ~~For industry association representatives, information with respect to the activities of members of the organization.~~

² It is anticipated that this may represent a time commitment of 6 hours+ per month.

Any member or principal who does not have a conflict of interest must file a NIL **disclosure** statement to that effect. Members who fail to file the requisite **disclosure** statement and updates will be excluded from the IAC and its deliberations until such time as he or she fully complies.

IAC member **conflict-of-interest disclosure** statements will be posted online on the IAC website and publically available.

Alternate representatives are not required to provide a **conflict-of-interest disclosure** statement to the Co-Chairs unless the alternate representative is attending three or more IAC meetings within the year.

The Co-Chairs have the power to remove any IAC member whose actual or potential conflicts of interest are inconsistent with a fair and objective deliberation of the issues that may come before the IAC.

6. CHAIRS

There will be two IAC Co-Chairs. The Zero Waste Committee representative will be a Co-Chair and a second Co-Chair will be selected annually for a term of one year by a 50%+1 majority vote of voting members present. Voting members are defined as IAC members who have held membership for at least one month prior to the day of the vote. The initial nominations for the Co-Chair will be held at the inaugural IAC meeting, with a vote to be held at the following IAC meeting. Subsequent Co-Chair selections will take place on the one-year anniversary of the member Co-Chair's appointment.

7. ADVISORY STRUCTURE & DECISION MAKING

The IAC is an advisory body, providing advice and recommendations to Metro Vancouver staff and, through the IAC Co-Chairs, to the Independent Consultation and Engagement Panel and the Zero Waste Committee. While sincere efforts will be made to achieve consensus on recommendations and advice, consensus is not a precondition to advancing committee recommendations. Where consensus exists it will be noted, and where it does not exist, all perspectives will be included in the meeting minutes. The IAC is not generally a voting body. Voting will only occur in the following four circumstances, and in these circumstances, there will be one vote allocated per company/entity represented:³

1. annual election of the second Co-Chair;
2. updates to the terms of reference;
3. confirmation of the annual work plan; and
4. during the appeal of member's dismissal, as described in section 110 of this Terms of Reference.

In each of these scenarios, voting will be a 50% +1 majority decision-making model of votes cast.

8. WORK PLAN

A work plan for the IAC will be developed by Metro Vancouver staff based on an annual call for work plan topics submitted by IAC members reflecting priority issues they would like to see considered during the year. The work plan, once confirmed by the IAC, will guide development of meeting agendas for the year. The work plan may be amended during the year, at the agreement of both Co-Chairs, to allow for flexibility to address emerging issues or unanticipated, time-sensitive topics. Implementation of the annual work plan is at the prerogative of IAC members and does not direct activities of Metro Vancouver staff or resources, beyond the provision of committee secretariat support functions.

³ If there are multiple members representing a single company, they will be asked to convene among themselves to determine their collective vote.

9. MEETINGS

- Meetings will be held monthly, except in July, August, and December, where no meetings will be held. The meeting dates and times will be determined by the Co-Chairs in consultation with IAC members, with a confirmed pre-set schedule for all meetings within the calendar year. On agreement of both Co-Chairs, meetings may be added or cancelled as appropriate.
- Metro Vancouver will provide a venue, a third party note taker and refreshments for meetings, or as determined otherwise by the IAC. Through 2023, all meetings will be held virtually for IAC members, with the exception of two workshops to be held in-person.
- The Co-Chairs will work with Metro Vancouver staff to draft meeting agendas and coordinate any necessary meeting materials, which will be circulated to meeting participants a minimum of 72 hours in advance of the meeting.
- The meetings will be structured to encourage free and open discussion of relevant issues within the constraints of the planned agendas.
- Meeting minutes and action trackers will be kept for each meeting, through secretariat support provided by Metro Vancouver staff.⁴ Minutes shall not reflect the names of individual speakers or their stance on issues; rather, they shall reflect the issues discussed, significant points of view on the issues and the resolutions or actions to be taken.
- A meeting quorum will be 50%+1 of active members.
- The IAC may establish other meeting procedures, which will be considered as an appendix to these terms of reference.
- Meetings will be open to any individuals who wish to observe the discussions either in person or through video or teleconference, although only IAC members will be provided standing to participate in the discussion. Individuals interested in observing can request meeting information two weeks in advance of the meeting time and date. Non-member stakeholders may request an opportunity to present to the IAC, through two weeks' advance written submission for consideration by the Co-Chairs.
- The IAC may invite groups and subject-matter experts to present to the IAC and provide advice and feedback on specific IAC agenda items, at the discretion of the Co-Chairs.
- All IAC agendas will be published and publicly available in advance of meetings, with IAC presentations and meetings minutes posted for information on Metro Vancouver's website.

10. CODE OF CONDUCT

This code is intended to serve as a framework to guide the spirit and intent of how IAC members are expected to deliver on the IAC's purpose, objectives, and intent in an ethical and respectful manner.

1. **Respect and Collaboration:** Discussions and debates shall take place in an atmosphere of mutual respect and solutions-oriented collaboration, recognizing the value of different perspectives and seeking to understand the interests and needs of all affected parties.
2. **Transparency:** It is expected that all members speak honestly and transparently, engaging in good-faith dialogue and sharing information openly to encourage fact-based dialogue.
3. **Treatment of other Members:** Members of the committee have a duty to treat other members with respect during IAC meetings. Specifically, members have a duty to avoid:
 - a. Disrupting meetings by making continual interruptions or whispered asides;
 - b. Making offensive or abusive remarks directed at other members;
 - c. Impugning the motives of other IAC members or supporting staff;

⁴ Metro Vancouver staff are not members of the IAC, but will attend meetings of the IAC to provide information on various issues, respond to questions etc.

d. Ignoring the legitimate direction of the Co-Chairs.

Members who object to the behaviour of another member as identified in this code of conduct are asked to identify their concerns immediately to the IAC Co-Chairs.

11. MEMBERSHIP DISMISSAL

IAC members must recognize the importance of their commitment through active participation, regular attendance and adherence to the IAC Terms of Reference. The following are potential reasons for membership dismissal.

- Failure to attend two or more consecutive monthly meetings, or,
- Lack of adherence to the IAC Terms of Reference, specifically including section 10: Code of Conduct, and Section 14: Media Protocol.

At the agreement of both Co-Chairs, members who have committed one or more of the potential reasons for losing membership may be dismissed from the committee by way of written notification. The dismissed member is ineligible for re-instatement at the subsequent annual call for membership.

If the member wishes to appeal the dismissal, they can request a vote from the IAC membership, to be undertaken using secret ballot. Voting will be a 50% +1 majority decision-making model. The impacted member is not eligible to vote in this process.

12. MEMBERSHIP RESIGNATION

Members wishing to resign from IAC committee membership should provide written notice of their intent to resign, including the effective date of their resignation, addressed to the IAC Co-Chairs.

13. BUDGET AND RESOURCES

Funding for general meetings, secretariat and support expenses is provided by Metro Vancouver. Any additional funding for special projects or studies is subject to Metro Vancouver approval.

14. MEDIA PROTOCOL

Individual IAC members will not speak on behalf of the IAC, unless it has been approved by the Co-Chairs in advance.

15. REVIEW OF THE IAC TERMS OF REFERENCE

The IAC will review this Terms of Reference at least every 18 months, for consideration on whether any amendments or modifications to the process are required. Amendments will be provided to the Zero Waste Committee for information.

2023 SOLID WASTE AND RECYCLING INDUSTRY ADVISORY COMMITTEE ACTION TRACKER

To be updated after every Solid Waste and Recycling Industry Advisory Committee (IAC) meeting to keep track of the actions or tasks that Metro Vancouver staff are responsible for.

Meeting Date	Requested Action/Item	Assigned Staff	Target / Completion Date	Status
February 10, 2023	<ul style="list-style-type: none"> Metro Vancouver to invite members of the National Zero Waste Council to present on how their work gets incorporated into each phase of the solid waste management plan update process 	Paul Henderson	Q3	In progress
	<ul style="list-style-type: none"> Jurisdictional Scan of Recycling Statistics and Methodologies - Metro Vancouver will report back on scope of work and findings of a review of existing and future performance metrics including opportunities to improve tracking progress toward waste reduction and recycling goals 	Terry Fulton	Q2	In Progress
March 7, 2023	<ul style="list-style-type: none"> Request on calculations for Metro Vancouver Recycling and Solid Waste Management 2021 report 	Terry Fulton	Q2	Complete

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2023



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.



Mary Polak, Co-Chair

Prior to joining Maple Leaf Strategies, Mary Polak was an elected Member of the Legislative Assembly (MLA) of British Columbia from 2005 until 2020. In her fifteen years in provincial elected politics, she held several key positions. She served as Minister of Environment,

Minister of Transportation and Infrastructure, Minister of Aboriginal Relations and Reconciliation, Minister of Children and Family Development, Minister Responsible for Child Care, Minister of Healthy Living and Sport, and Minister of Health. In each of those portfolios, Mary was recognized as a competent Minister who solved problems and worked well with stakeholders and the civil service.

She also served on several Cabinet Committees including Treasury Board, The LNG Working Group, The Climate Change Working Group, and The Environment & Land Use Committee. In opposition politics from 2017 to 2020, Mary served as the Opposition House Leader. She also served as a key spokesperson for the Opposition.



Achilles Mallari

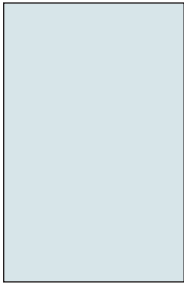
Achilles Mallari is the President of Sierra Waste Services Ltd. His background is in Operations and Quality Management through BCIT and been focused on collection and processing of solid waste and recycling, including logistics management over the past 23 years.

Through his work, he 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, this helps to understand the requirements for program success.

Achilles joined the IAC to collaborate and share his experience in the industry 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 2023



Aiden Kiani

Aiden Kiani is a Professional Engineer (P.Eng.), Geotechnical / Materials and has a Master's degree in Engineering. He also holds a Master's degree in Business Administration and a Master's degree in Educational Technology and Learning Design. Aiden is the

CEO of Lock-Block Ltd. & Green-Stone Aggregate, and is an instructor at BCIT in Civil Engineering.

Aiden joined the IAC to contribute to the development of public policies, engage in the activities of the community of practice, and help shape a sustainable lifestyle in our society.



Christian Dietrich

Christian Dietrich is the Vice President of Recycling and Waste Services at Ecowaste Industries. Christian's entire work experience centers around waste management, specifically hazardous waste and solid waste management. He has worked in and led teams to design,

commission, operate and maintain five separate waste processing plants ranging from a hazardous waste fuel blending facility in Tennessee, to fuel production from residential waste in London UK, to anaerobic digestion of food and garden waste in Surrey, BC.

Christian has also taken part in operational teams to improve safety and operational performance at a variety of waste processing plants including, material recovery facilities, mechanical biological treatment, combined heat and power incinerator, and waste-gasification. Christian holds a BSc Environmental Science from Lake Superior State University and an MBA from Seattle University.



Cynthia Shore

Cynthia Shore is celebrating 30 years in government relations specializing in solid waste policies.

She lives and works on the unceded, traditional, and ancestral territories of the x̱məθkʷəyəm (Musqueam), Sḵwx̱wú7mesh Úxwumixw (Squamish), and səliilwətaʔt

(Tsleil-Waututh) Peoples in downtown Vancouver.

In 1992, Cynthia was appointed by then Premier Mike Harcourt to the BC Waste Reduction Commission that, following province-wide consultations, made recommendations to government to expand the Extended Producer Responsibility policy framework to beverage containers. She has been involved in the industry since, primarily as a government relations consultant to companies in the waste management and composting sectors. She also volunteers with ocean plastics recovery and certified compostable initiatives.

Cynthia joined the IAC to contribute to the advice and feedback Metro Vancouver receives through this Committee.



Dave Millman

David Millman is a current member of the IAC, Director with Waste Management, and has 30 years' experience in the waste industry.

David joined the IAC to continue to have an impact on changes in the waste industry in the lower mainland as well as BC.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2023



Edwin Berkhof

Coming from the Netherlands, Edwin has always been avidly interested in sustainable recycling and agricultural practices. Edwin received a degree in Mechanical Engineering and has been in the waste industry for over ten years with project and operations

experience in different capacities. Edwin has worked in waste-to-energy solutions, Anaerobic Digestion, Composting and Mechanical Treatment Technology, and the Surrey Biofuel Facility construction & commissioning. He currently works for Evergen Infrastructure Corp. as Vice President of Technical Services, using his knowledge to successfully assess and integrate new opportunities and acquisitions.

Edwin joined the IAC because he saw a major need for a strong connection between local legislation and waste processors to accommodate sustainable growth for the industry. Through his experience within Evergen, he has learned valuable lessons on operating at the highest levels of compliance and performance and looks forward to contributing this experience to the IAC.



Gord Johnson

Gord Johnson is a co-founder that developed a proprietary process for the recovery of 100% of the material from asphalt shingles. Gord has 30 plus years of experience in building, growing, and managing companies. He is the former CEO of Save Energy Walls, Lodgeview

Entertainment & Intrepid Security.

Gord is involved with multiple jurisdictions in Canada and the US with regard to material recovery facilities and the collection of solid waste as it relates to Construction & Demolition waste especially asphalt shingles.

Gord joined the IAC as he has some experience in this field and wants to understand & apply the best practices for solid waste management not only for his company but across the region and asses if they can be applied in other areas.



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 own 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.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2023



Izzie Abrams

Izzie Abrams is Vice President Government & External Affairs, Waste Connections of Canada and his career has spanned over five decades in the waste industry. He has held various executive positions successfully developing and implementing growth strategies as

well as government and community affairs programs. He 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 would like to lend his industry knowledge and expertise to help bring about positive outcomes as they relate to solid waste and recycling issues in Metro Vancouver. As well as to be a thought leader as it relates to the formulation of public policy that will enhance the circular economy.



Jacqueline Lotzkar

Jacqueline Lotzkar, Vice President of Pacific Metals Recycling, is a fourth-generation metal recycler with over 10 years' experience in both the industrial recycling industry and deposit law programs within Greater Vancouver.

Passionate about the industry, she is actively involved with The Institute of Scrap Recycling Industries (ISRI), a trade association based in Washington, D.C. advocating for the global recycling industry. She is currently the ISRI Pacific Northwest Chapter President, representing member firms in B.C., Washington, Oregon and Alaska, and Chair of the National Trade Committee where she helps lead strategy and advocacy for global market access for recycled materials. Additionally, she has previously served as an ISRI Board-of-Director and Co-Chair of the Young Executive Council. Jacqueline was named

to Recycling International's Top 100 Global Recycling Stars list for 2021 & 2022 and she was named as ISRI's Young Executive of the Year for 2022. She holds a Master of Global Business degree and Bachelor of Commerce degree from the University of Victoria. Outside of work you will find her travelling, headed to a fitness class or out for walks on the seawall with her dog, Jet.



James Collins

After graduating from Royal Roads University's first Environmental Science class, James went to sea as a fisheries observer. But when he became a father for the first time, wanted to spend more time at home. He then started a job at Phillips Services Inc. in 2000 where

he got to know many of the manufacturing and transportation businesses across the city. He found one of his customers (Tymac Launch Service Ltd.) was very unique in its business model in the sense that it sought to recycle as much as possible from the waste it received from the shipping industry. James has now been working at Tymac Launch Service Ltd for 20 years and in that time the company has twice received the Recycling Council of British Columbia's Private Sector award for Excellence and Leadership in Environmental Stewardship (2014 & 2018).

James joined the IAC because he likes to be on the proactive side of the equation.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2023



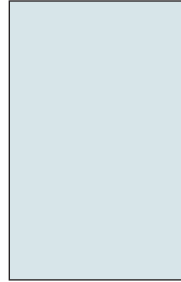
Jamie Kaminski

Jamie Kaminski is a Zero Waste Business Associate (ZWA, TRUE Advisor) and is President of Happy Stan's Recycling Services Ltd. Zero Waste. He is a Board Member of Zero Waste Canada and the Zero Waste International Alliance, and is Chair of the Zero Waste Definition

and Zero Waste Hierarchy working group.

Jamie's 27 years plus of experience is in solid waste management from both a ground level and policymaking perspective. His area of expertise lies within international best practices in respect to internationally accepted zero waste policies and programs. He works with fellow policy advisors to create strong, practical and enforceable policies that drive change towards zero waste. Jamie has developed extensive experience in understanding how regional policies and bylaws affect the existing waste management system from the perspective of the service provider, the client, as well as the region as a whole.

Jamie joined the IAC to support Metro Vancouver in their desire to incorporate more Zero Waste programs, policies and metrics into their solid waste management plan update.



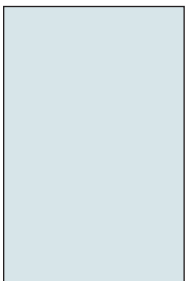
Josh JansenVandoorn

Josh JansenVandoorn is a 37 year old father of 3 and is passionate about waste and recycling.

Josh has worked in the waste and recycling industry for almost 10 years both on the hauler side of the business and more recently on

the processing side of things. He is on the board of directors for the Waste Management Association of BC and has been actively involved in working with Metro Vancouver, MOE and various other entities on various Waste and Recycling bylaws and Regulations.

Josh joined the IAC because it is a good fit for the industry as a collaborative approach to achieve waste and recycling goals in the Province of BC.



Jeremy Crawford

Coming soon.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2023



Ken Carrusca

Ken Carrusca works with the Cement Association of Canada (CAC). His experience in waste management includes the areas of Zero Waste, waste transfer, energy recovery, and waste disposal.

Ken's attention at CAC has been on climate policy and carbon

pricing, the transition from fossil fuels, and greater adoption of lower carbon intensity cement and concrete materials. The CAC is working with concrete producers to develop and release a Net Zero Concrete action plan.

The cement industry is an active participant in the local recycling industry. Selected, un-recyclable residues generated from local recycling operations are co-processed as alternative fuel in cement kilns. These materials would otherwise be landfilled.

Ken's knowledge and experience in Zero Waste and the circular economy can positively contribute to discussions of the IAC. Ken is interested in helping to contribute to the shaping of long-term waste management in Metro Vancouver.



Leanne Koehn

Leanne Koehn does Community Engagement work for Ridge Meadows Recycling Society (RMRS), a non-profit that works in partnership with the City of Maple Ridge to provide curbside and apartment recycling pickup services and manage the Maple Ridge

Recycling Depot. She organizes the annual Earth Day festival in Maple Ridge and in 2018, launched the popular Maple Ridge Repair Cafes, now in their 6th year.

Leanne's parents were two of the volunteers that started RMRS in the early 1970s, and she has grown up with an awareness of the industry and its constant evolution. She has been part of Metro Vancouver's Municipal Waste Reduction Coordinator's Committee

for many years, giving her both local and regional views of solid waste management.

Leanne enjoys working together with diverse stakeholders to find unique and sustainable ways forward. She brings her passion for a better future and over 10 years of boots-on-the-ground experience to the IAC.



Lori Bryan

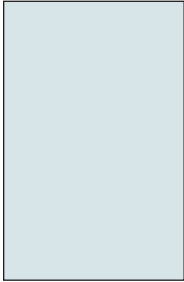
Lori Bryan is the Executive Director of the Waste Management Association of BC (WMABC) and has helped guide the association through a number of campaigns to ensure the private waste & recycling sector has a voice at government level discussions, to collaborate

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.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2023



Matthew McAra

Coming soon.



Maya Moucachen

Maya Moucachen is an Electrical Engineer and Director of Business Development at Merlin Plastics. Maya holds a MS from University of Illinois at Urbana-Champaign, an MBA from INSEAD.

Maya joined Merlin Plastics in 2012. Since 1987, Merlin Plastics has planned, developed, and refined the re-processing of PE, PP, LDPE, and PET. The company began its recycling business out of a 2,000 square foot warehouse in Delta, B.C and now operates recycling facilities totaling over one million square feet with sister plants in Alberta, Ontario, California and Oregon. Merlin Plastics has been honoured to receive various awards including in 2005 when the Recycling Council of BC recognized it with an award “in recognition of ongoing commitment to the ideals of responsible environmental stewardship in the province of British Columbia”.

Maya is passionate about the environment, and feels blessed to have a career that is consistent with her personal environmental values. She is honoured to be a member of the Solid Waste and Recycling Industry Advisory Committee.



Michael Zarbl

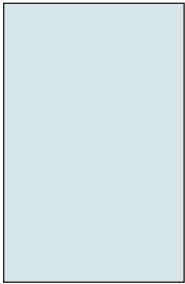
Michael Zarbl joined the Major Appliance Recycling Roundtable as the Executive Director in July 2017. Prior to that, Michael was the Director of Operations at Recycle BC (formerly MMBC) the Extended Producer Responsibility program for packaging and printed paper in British Columbia. Before joining Recycle BC, he was the Senior District Manager for Waste Management of Canada Company for four years, where he was responsible for the entire operation of the Vancouver Hauling District. Prior to that, Michael held various private sector positions at major corporations such as Director of Operations with Ryder Container Terminals, a large export/import and distribution facility for Canadian manufacturers and major Canadian retailers, Distribution Centre Manager for Martin Brower of Canada (distributor for McDonald’s Restaurants of Canada), and with Coca-Cola Bottling Co. He has an extensive supply chain management background with direct experience in the key activities along the supply chain, culminating in direct waste management industry experience.



Mike Lannin

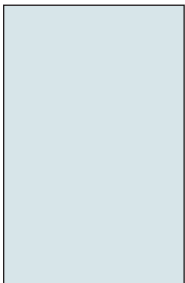
Mike Lannin has been working in the waste industry in varying capacities for 18 years. He is currently a manager at Super Save Group, a private waste hauling organization. Mike is joining the IAC because he feels it is important for private industry to have input and representation in regulatory decisions that affect not only business operations but the region as a whole.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2023



Nicole Stefenelli

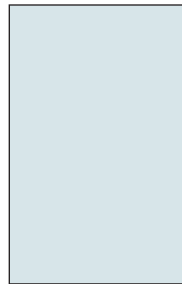
Nicole Stefenelli is the CEO and Founder of Urban Impact Recycling, a local waste management service provider. She has been involved in the industry since 1990 and looks forward to serving on the Industry Advisory Committee.



Nicole Victor

Nicole has more than 20 years experience in maintenance and operations with a background in project management for transitioning to green technology. Nicole is a first class power engineer with experience in operating and managing facilities

like a combined cycle power plant, large district heating plant, and Waste-to-Energy Facility. Nicole has a background in boiler plants for both electrical generation and district heating, she is much newer to the Solid Waste and Recycling industry. She is currently the plant manager for the Metro Vancouver Waste-to-Energy facility and working with Metro Vancouver on how to further leverage the plant to be an asset to the community. She is interested in networking with fellow industry professionals, gaining more knowledge about the industry locally and as a whole, and would like to bring her skillset and background to participate and possibly help.

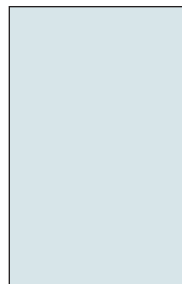


Ralph McRae

Ralph McRae is the Chairman and CEO of Revolution Infrastructure Inc., one of the largest processors of municipal solid waste in the region. Ralph has been involved in the industry for almost 35 years. Initially Ralph co-founded a waste hauling company in 1988 and the

business expanded into various materials processing facilities and capabilities.

Ralph joined the IAC to promote transparency, practicality and a level playing field in the upcoming solid waste management plan update.



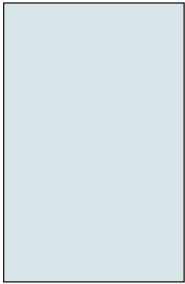
Sandy Sigmund

Sandy Sigmund is Vice President Development & Chief Marketing Officer of Encorp Pacific Canada. She has been a senior executive with Encorp since its inception in 1995 and leads the stewardship agency's marketing, communications and program

development efforts. Prior to Encorp, Sandy had an extensive career in retail management specializing in sales, marketing, and merchandising. Sandy is the Past President of the board for the Ridge Meadows Recycling Society and serves on the management board of the National Zero Waste Council.

Sandy has been working in a leadership capacity in the waste and recycling industry within the EPR programs, specifically Return-It for 27 plus years. As we move to decrease the solid waste and increase the use of the other waste reduction hierarchy initiatives, Sandy feels it is important to ensure the public has ease of access and convenience to ensure we can reach the goals set by all levels of government, industry and the public expectations.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2023



Sean Kawakami

Sean is the Business Development Manager for Convertus Group who specialize in the design, construction, finance, and operation of organic waste processing facilities. Convertus operates 12 facilities in Canada, notably including the Nanaimo Circular

Waste BC and Surrey Biofuel sites. Sean started in the industry with Rehrig Pacific and his experience in supply, collection and processing affords him a unique perspective of the solid waste industry in our province.

As a resident of the lower mainland and a solid waste professional, contributing to the long-term success of the solid waste industry in the region is important to Sean on numerous levels. Sharing information from different stakeholders on the committee can help manage the unique challenges of solid waste in our region and it is the best way to ensure industry and government are working together to develop a sustainable plan for our future.

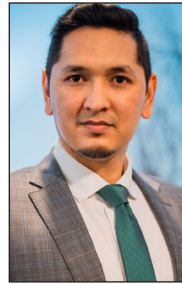


Shad Prasad

With over 30 years in the Logistics/Warehousing industry, Shad Prasad has seen a large amount of waste. Shad is driven to change habits and approach to recycling by educating people on available recycling alternatives through awareness and education.

Shad is the Plant Manager for Cascades Recovery +, Vancouver and Surrey, where the company is involved in recycling fibre from commercial facilities throughout the lower mainland. Cascades Recovery + is committed to reducing fibre waste entering the landfills.

Shad joined the IAC to gain knowledge on future recycling goals and initiatives and how he can contribute to a greener community.



Taufiq Ahmadi

Taufiq Ahmadi is the Sales Manager at Maple Leaf Disposal Ltd., a local British Columbian owned waste management company based out of Langley BC that has provided solid waste and recycling services in the Greater Vancouver area since the early 1990s.

Taufiq's responsibilities include managing the sales division, developing key growth sales strategies, tactics and action plans, and hitting annual targets, building relationships, understanding trends and large-scale contract negotiations.

Taufiq has worked for Maple Leaf Disposal since July 2015 and has been involved in large municipal contracts, and worked closely with over 40 shopping malls to set up their waste diversion plans and decrease their overall carbon footprints.

Taufiq is excited to be a member of the IAC to acquire practical experience of effective board functions and the decision-making process around solid waste. He also brings his knowledge and experience with working and dealing with municipalities, housing complexes and shopping malls with waste diversion plans.

Solid Waste and Recycling Industry Advisory Committee – Member Biographies 2023



Terry Plotnikoff

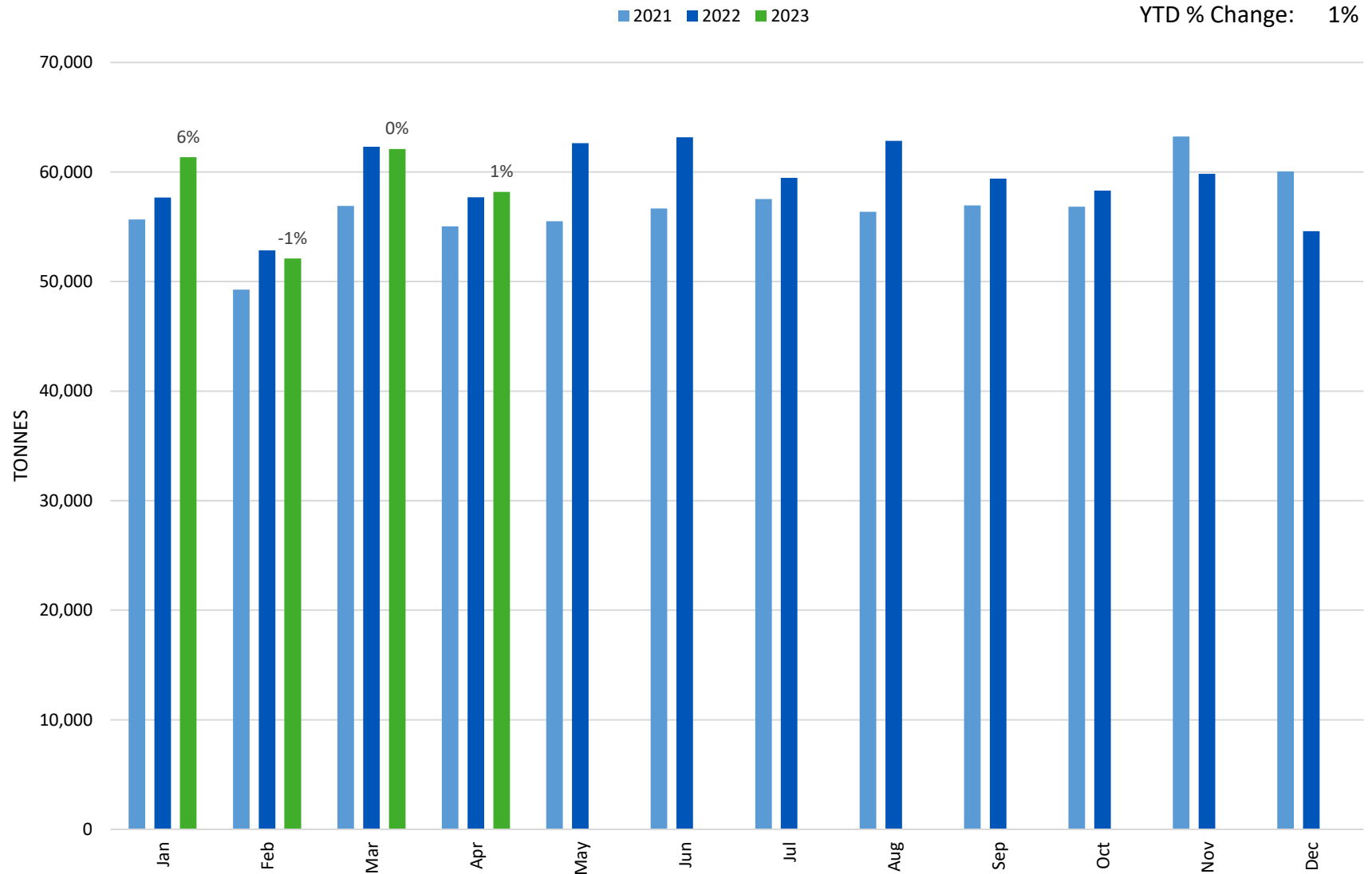
Terry Plotnikoff is the Founder and CEO of Canadian Mattress Recycling Inc and has been passionate about environmental issues since she was a teenager. Terry's company is one of the only mattress and furniture recycling companies in the region and she

works with a wide variety of clients across many different industries who need the company's services. Terry founded the company 12 years ago and is still involved in the day-to-day operations at the facility on Annacis Island.

Terry enjoys connecting with others in the green economy and working towards creative but practical solutions to waste and recycling challenges.

Terry joined the IAC to learn more about Metro Vancouver's waste management policies, strategies, and future possibilities, as well as contribute to discussions about recycling programs for furniture items. It is also a good way to hear from other stakeholders in the local waste management and recycling industries and learn about what their challenges and successes are.

Metro Vancouver Waste Quantities* 2021 - 2023**



**Data reconciled to Mar 2023

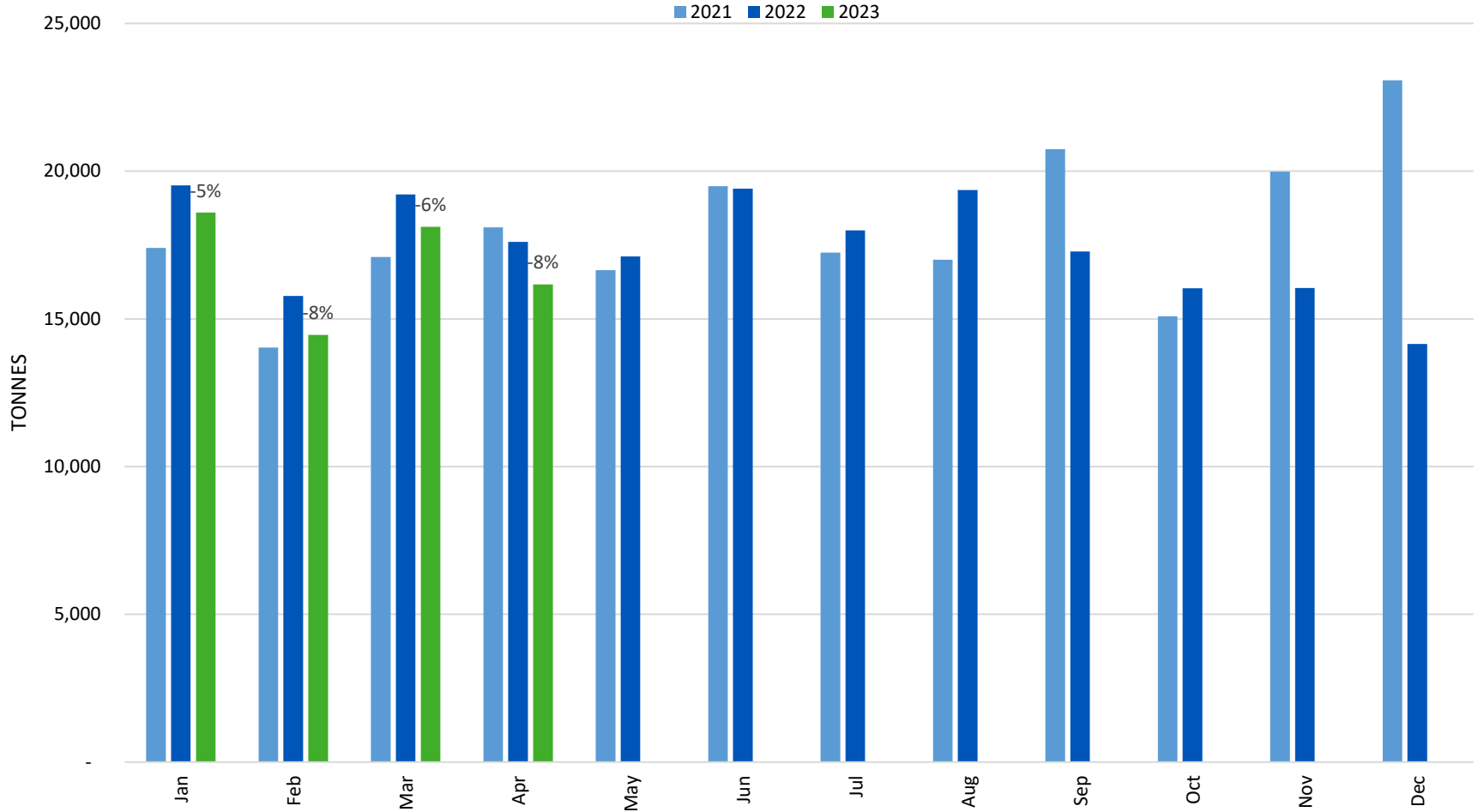
*Metro Vancouver's Recycling and Waste Centres & the Waste-to-Energy Facility

City of Vancouver Waste Quantities*

2021 - 2023

(Demo garbage not included)

YTD % Change: -7%



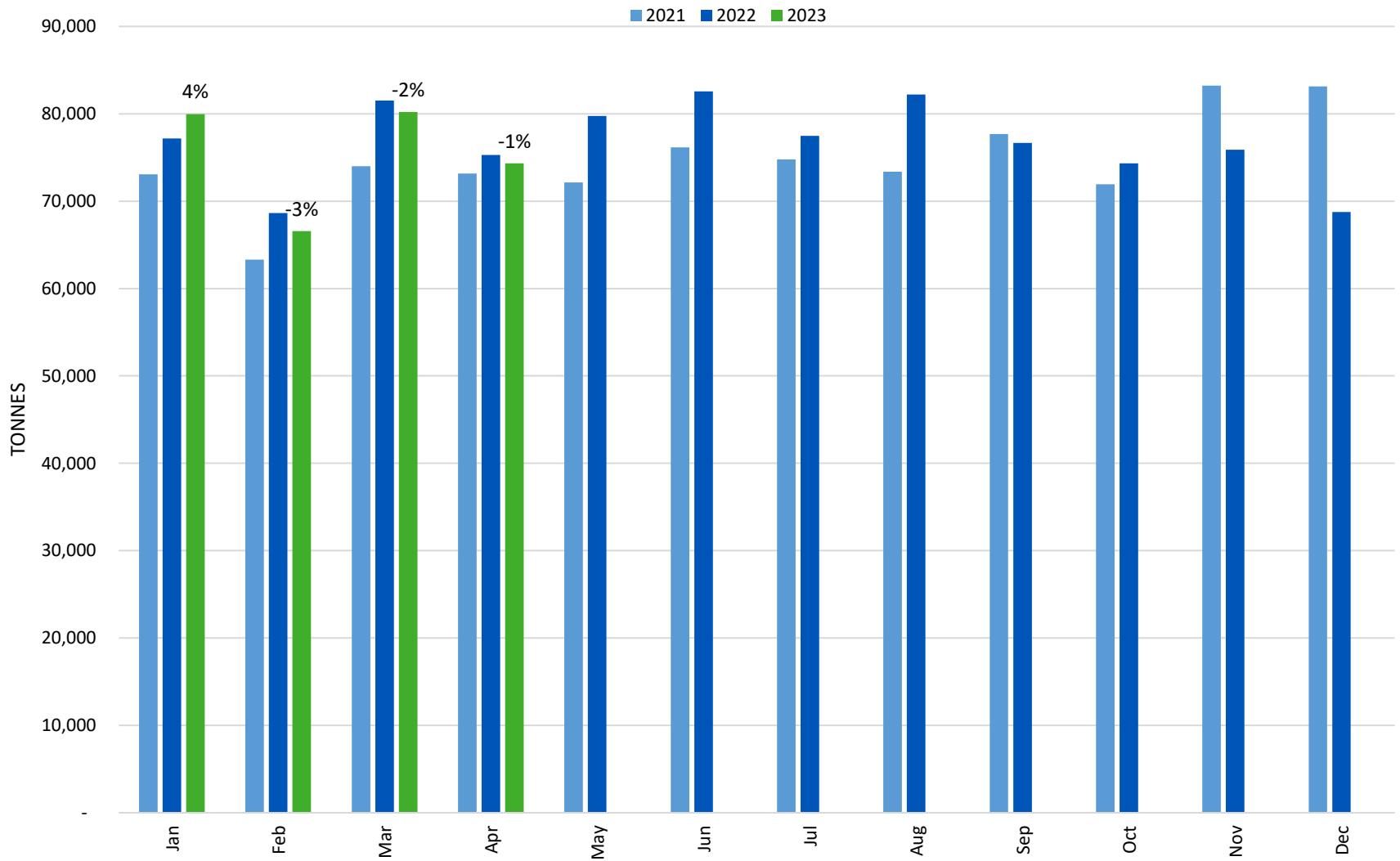
*Vancouver Landfill & Vancouver South Transfer Station

Metro Vancouver and City of Vancouver Waste Quantities

2021 - 2023*

(Demo garbage not included)

YTD % Change: -1%



*Metro Vancouver data reconciled to Mar 2023

Solid Waste and Recycling Industry Advisory Committee 2023 Draft Work Plan

Report Date: May 9, 2023

Priorities	
1st Quarter	Status
2021 Solid Waste and Recycling Annual Report	Complete
Jurisdictional Scan of Recycling Statistics and Methodologies	Complete
Regional Solid Waste System Assessment Study	Complete
Call for Submissions for 2023 IAC Membership	Complete
2nd Quarter	Status
Workshop 1: Solid Waste Management Plan Update Vision and Guiding Principles	Pending
Zero Waste Committee/Public and Technical Advisory Committee Co-Chair Report out on Industry Advisory Committee Activities	Pending
IAC Co-Chair Election	Pending
Disposal Ban Program Review report out	Pending
2022 Waste Composition Program Results	Pending
3rd Quarter	Status
Workshop 2: Topics to be determined	Pending
Roles of public and private sector in providing essential solid waste management services and advancing zero waste and the circular economy – potential workshop topic	Pending
National Zero Waste Council Presentation on Incorporating Input in the Solid Waste Management Plan Update	Pending
Solid Waste Residual Management Options Study Update	Pending
2022 Disposal Ban Program Update	Pending
4th Quarter	Status
Solid Waste Services Financial Plan/2024 Proposed Garbage Tipping Fees	Pending
Solid Waste Management Plan Update – Guiding Principles Report Back	Pending
Circular Economy/ 3Rs Study	Pending

March 8, 2023

Dear Metro Vancouver and Solid Waste and Recycling Industry Advisory Committee (IAC);

Re: Tracking and Reporting Diversion

Last year a member of the IAC proposed that one of the main objectives of the IAC was to support Metro Vancouver in developing more transparent and meaningful metrics for the tracking of the reduction, reuse, and management of waste within the region. This was supported by several members of the IAC, and intern the IAC along with Metro Vancouver have been working together to improve this system of tracking and reporting.

One of the main revelations that came out of this work was that Metro Vancouver has been classifying materials sent to various industries for fuel, as Recycled. One member pointed out, which was then supporter by several other members, that burning of waste even for refused derived fuel (RDF) should not be classified as recycled. In order to be fully transparent to the industry and to the public, and in order to ensure that the data that is collected and reports that are provided are meaningful, appropriate classification is critical.

Over the past decade, there has been a concerted lobbying effort to classify burning of waste for fuel as recycling. Doing this undermines how the general public and the industry at large view recycling. More importantly, classifying engineered fuel or Refuse Derived Fuel (RDF) as recycling undermines the recycling industry which has been working tirelessly over the past several decades to convert materials into commodities that could be re-introduced into the manufacturing process over and over again, with the aim of continuous circularity.

Converting waste materials into (RDF) and then burning it in a furnace is simply another disposal method and should be classified as such.

In order to continue Metro Vancouver's efforts of continuous improvement and ensuring that their data and reports are as transparent and meaningful as possible. I propose that they re-classify waste that is converted into a fuel product as incineration and thus as part of disposal.

Thank you for your consideration in this matter and I look forward to further discussions on how to support the regions goals with transparent and meaningful measurements and reporting.

Sincerely,

Jamie Kaminski

Member of the IAC