

**METRO VANCOUVER REGIONAL DISTRICT
FINANCE AND INTERGOVERNMENT COMMITTEE**

REGULAR MEETING

Wednesday, September 8, 2021

1:00 p.m.

28th Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia

A G E N D A¹

1. ADOPTION OF THE AGENDA

1.1 September 8, 2021 Regular Meeting Agenda

That the Finance and Intergovernment Committee adopt the agenda for its regular meeting scheduled for September 8, 2021 as circulated.

2. ADOPTION OF THE MINUTES

2.1 July 14, 2021 Regular Meeting Minutes

pg. 4

That the Finance and Intergovernment Committee adopt the minutes of its regular meeting held July 14, 2021 as circulated.

2.2 July 29, 2021 Special Meeting Minutes

pg. 9

That the Finance and Intergovernment Committee adopt the minutes of its special meeting held July 29, 2021 as circulated.

3. DELEGATIONS

4. INVITED PRESENTATIONS

5. REPORTS FROM COMMITTEE OR STAFF

5.1 2021 Zero Waste Conference

pg. 11

That the Finance and Intergovernment Committee receive for information the report dated July 21, 2021 "2021 Zero Waste Conference Update."

5.2 2021 Update on National Zero Waste Council Activities

pg. 19

That the Finance and Intergovernment Committee receive for information the report dated July 22, 2021 titled "2021 Update on National Zero Waste Council Activities."

¹ Note: Recommendation is shown under each item, where applicable.

5.3 Metro Vancouver Banking Authority Bylaws – MVRD, GVS&DD and GVWD

pg. 24

That the MVRD Board:

- a) give first, second and third reading to *Metro Vancouver Regional District Banking Authority Bylaw No. 1324, 2021*; and
- b) pass and finally adopt *Metro Vancouver Regional District Banking Authority Bylaw No. 1324, 2021*.

That the GVWD Board:

- a) give first, second and third reading to *Greater Vancouver Water District Banking Authority Bylaw No. 255, 2021*; and
- b) pass and finally adopt *Greater Vancouver Water District Banking Authority Bylaw No. 255, 2021*.

That the GVS&DD Board:

- a) give first, second and third reading to *Greater Vancouver Sewerage and Drainage District Banking Authority Bylaw No. 349, 2021*; and
- b) pass and finally adopt *Greater Vancouver Sewerage and Drainage District Banking Authority Bylaw No. 349, 2021*.

5.4 Procedure Bylaw Amendment re Electronic Meetings Provision

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That the MVRD Board:

- a) give first, second and third reading to *Metro Vancouver Regional District Procedure Amending Bylaw Number 1325, 2021*;
- b) pass and finally adopt *Metro Vancouver Regional District Procedure Amending Bylaw Number 1325, 2021*; and
- c) direct staff to bring forward a policy regarding electronic participation at Board and Committee meetings.

5.5 Manager's Report

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That the Finance and Intergovernment Committee receive for information the report dated August 30, 2021, titled "Manager's Report."

6. INFORMATION ITEMS

6.1 Correspondence dated July 8, 2021 from the Ministry of Municipal Affairs to Metro Vancouver regarding Investing in Canada Infrastructure Program (ICIP) - Environmental Quality Program (EQ) Program Project #IG0212 – Tertiary Treatment at North Short Wastewater Treatment Plant

pg. 67

6.2 Coquitlam Lake Water Supply – Project Definition Report Update

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7. OTHER BUSINESS

8. BUSINESS ARISING FROM DELEGATIONS

9. RESOLUTION TO CLOSE MEETING

Note: The Committee must state by resolution the basis under section 90 of the Community Charter on which the meeting is being closed. If a member wishes to add an item, the basis must be included below.

That the Finance and Intergovernment Committee close its regular meeting scheduled for September 8, 2021 pursuant to the *Community Charter* provisions, Section 90 (1) (c), (g), (i) as follows:

“90 (1) A part of the meeting may be closed to the public if the subject matter being considered relates to or is one or more of the following:
(c) labour relations or other employee relations;
(g) litigation or potential litigation affecting the regional district; and
(i) the receipt of advice that is subject to solicitor-client privilege, including communications necessary for that purpose.”

10. ADJOURNMENT/CONCLUSION

That the Finance and Intergovernment Committee adjourn/conclude its regular meeting of September 8, 2021.

Membership:

Buchanan, Linda (C) - North Vancouver City
Dhaliwal, Sav (VC) - Burnaby
Booth, Mary-Ann - West Vancouver
Brodie, Malcolm - Richmond
Coté, Jonathan - New Westminster

Dingwall, Bill - Pitt Meadows
Froese, Jack - Langley Township
Hurley, Mike - Burnaby
McCallum, Doug - Surrey
McCutcheon, Jen - Electoral Area A

McEwen, John - Anmore
Stewart, Kennedy - Vancouver
Stewart, Richard - Coquitlam
West, Brad - Port Coquitlam

**METRO VANCOUVER REGIONAL DISTRICT
FINANCE AND INTERGOVERNMENT COMMITTEE**

Minutes of the Regular Meeting of the Metro Vancouver Regional District (MVRD) Finance and Intergovernment Committee held at 1:02 p.m. on Wednesday, July 14, 2021 in the 28th Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia.

MEMBERS PRESENT:

Chair, Mayor Linda Buchanan*, North Vancouver City
 Vice Chair, Councillor Sav Dhaliwal, Burnaby
 Mayor Mary-Ann Booth*, West Vancouver
 Mayor Malcolm Brodie*, Richmond
 Mayor Jonathan Côté*, New Westminster
 Mayor Bill Dingwall*, Pitt Meadows
 Mayor Jack Froese*, Langley Township
 Mayor Mike Hurley, Burnaby
 Mayor Doug McCallum*, Surrey
 Director Jen McCutcheon*, Electoral Area A
 Mayor John McEwen*, Anmore
 Mayor Richard Stewart*, Coquitlam
 Mayor Brad West*, Port Coquitlam

MEMBERS ABSENT:

Mayor Kennedy Stewart, Vancouver

STAFF PRESENT:

Jerry W. Dobrovolsky, Chief Administrative Officer
 Lauren Cichon, Legislative Services Coordinator, Board and Information Services

1. ADOPTION OF THE AGENDA

1.1 July 14, 2021 Regular Meeting Agenda

It was MOVED and SECONDED

That the Finance and Intergovernment Committee:

- a) amend the agenda for its regular meeting scheduled for July 14, 2021 by adding, under Section 9. Resolution to Close Meeting, Section 90(2)(b) of the Community Charter (the consideration of information received and held in confidence relating to negotiations between the regional district and a provincial government or the federal government or both, or between a provincial government or the federal government or both and a third party); and
- b) adopt the agenda as amended.

CARRIED

*denotes electronic meeting participation as authorized by Section 3.6.2 of the *Procedure Bylaw*

2. ADOPTION OF THE MINUTES

2.1 June 16, 2021 Regular Meeting Minutes

It was MOVED and SECONDED

That the Finance and Intergovernment Committee adopt the minutes of its regular meeting held June 16, 2021 as circulated.

CARRIED

3. DELEGATIONS

No items presented.

4. INVITED PRESENTATIONS

No items presented.

5. REPORTS FROM COMMITTEE OR STAFF

5.1 Enhanced 9-1-1 (E911) Call Answering Services – Request for Qualifications Process

Report dated June 24, 2021, from Greg Smith, Senior Director, Corporate Services, providing the MVRD Board the E-Comm 9-1-1 Call Answer Service contract and Metro Vancouver's intent to issue an open Request for Qualifications (RFQ) for this service and awarding a new five (5) year contract before December 31, 2021.

The Committee requested staff respond to questions regarding the RFQ process, and subsequently deferred the matter to the July 14, 2021 closed meeting.

It was MOVED and SECONDED

That the Finance and Intergovernment Committee defer consideration of the report dated June 24, 2021, titled "Enhanced 9-1-1 (E911) Call Answering Services – Request for Qualifications Process", to the July 14, 2021 Finance and Intergovernment Committee closed meeting.

CARRIED

5.2 Award of a Contract Resulting from Request for Proposal (RFP) No. 20-103: Construction Services for Golden Ears Forcemain and River Crossing

Report dated July 7, 2021, from Marie-Liesse Marc, Director Major Projects, Project Delivery, and Roy Moulder, Director, Purchasing and Risk Management, Financial Services, advising the GVS&DD Board of the results of Request for Proposal No. 20-103: Construction Services for the Golden Ears Forcemain and River Crossing, and recommending the GVS&DD Board award the contract in the amount of up to \$83,628,768 (exclusive of taxes) to Pomerleau Inc.

It was MOVED and SECONDED

That the GVS&DD Board:

- a) approve a contract in the amount of up to \$83,628,768 (exclusive of taxes) to Pomerleau Inc., resulting from Request for Proposal 20-103: Construction Services for Golden Ears Forcemain and River Crossing, subject to final review by the Commissioner;
- b) direct staff to prepare a budget amendment to increase the Northwest Langley Wastewater Treatment Plant Expansion Program by \$39 million;
- c) direct staff to provide detailed options of potential budget reductions to offset, along with related risks, through the completion of the 2022 budget process; and
- d) authorize the Commissioner and the Corporate Officer to execute the required documentation once the Commissioner is satisfied that the award should proceed.

CARRIED

5.3 Iona Island WWTP Projects – Project Definition Update

Report dated June 23, 2021, from Bryan Shoji, Director, Policy, Planning and Analysis, Liquid Waste Service, and Brett Young, Director, Major Projects, Project Delivery, providing the GVS&DD Board with an update on the Iona Island Wastewater Treatment Plant Projects including recently identified challenges and how staff are addressing these challenges.

Members were provided a presentation on the Iona Island Wastewater Treatment Plant highlighting project goals, process, new treatment plant, resource recovery opportunities, ecological restoration projects, preliminary household impacts, challenges, design concept delivery schedule and preliminary cost estimate, reconciliation through partnerships, public and First Nations engagement, stage gate process, and next steps.

Members were provided a Metro Vancouver video presentation on the Iona Wastewater Treatment Plant on its history, background, costs and the timeline of constructing the plant, which is not retained with the agenda.

Presentation material titled “Iona Wastewater Treatment Plant Projects” is retained with the July 14, 2021 Finance and Intergovernment Committee agenda.

It was MOVED and SECONDED

That the GVS&DD Board receive for information the report titled “Iona Island Wastewater Treatment Plant Projects – Project Definition Update”, dated June 23, 2021.

CARRIED

5.4 Manager’s Report

Report dated June 24, 2021, from Jerry Dobrovolsky, Chief Administrative Officer, providing an update on the Committee’s Work Plan.

It was MOVED and SECONDED

That the Finance and Intergovernment Committee receive for information the report dated June 24, 2021, titled "Manager's Report."

CARRIED

6. INFORMATION ITEMS

6.1 Engagement Plan for Liquid Waste DCC Program Update

Report dated June 25, 2021, from Joe Sass, Deputy Chief Financial Officer/Director, Financial Planning and Operations, together with report dated June 25, 2021 to the Liquid Waste Committee, seeking feedback and authorization for further engagement from the Liquid Waste Committee on the liquid waste Development Cost Charge (DCC) program, consisting of rate adjustments, and the proposed engagement plan which will solicit input on the DCC program update from relevant levels of government, First Nations, stakeholders, and the public. This report is being presented to the Finance and Intergovernment Committee for information only.

6.2 Engagement Plan for Water DCC Program Implementation

Report dated June 18, 2021, from Joe Sass, Deputy Chief Financial Officer/Director, Financial Planning and Operations, together with report dated June 18, 2021 to the Water Committee, seeking feedback and authorization for further engagement from the Water Committee on the proposed implementation of a water Development Cost Charge (DCC) program, and the proposed engagement plan which will solicit input on the DCC program implementation from relevant levels of government, First Nations, stakeholders, and the public. This report is being presented to the Finance and Intergovernment Committee for information only.

It was MOVED and SECONDED

That the Finance and Intergovernment Committee receive for information the report dated June 25, 2021 titled "Engagement Plan for Liquid Waste DCC Program Update", and the report dated June 18, 2021 titled "Engagement Plan for Water DCC Program Implementation".

CARRIED

7. OTHER BUSINESS

No items presented.

8. BUSINESS ARISING FROM DELEGATIONS

No items presented.

9. RESOLUTION TO CLOSE MEETING

It was MOVED and SECONDED

That the Finance and Intergovernment Committee close its regular meeting scheduled for July 14, 2021 pursuant to the *Community Charter* provisions, Section 90 (1) (c), (m) and 90 (2) (b) as follows:

- “90 (1) A part of the meeting may be closed to the public if the subject matter being considered relates to or is one or more of the following:
- (c) labour relations or other employee relations;
 - (m) a matter that, under another enactment, is such that the public may be excluded from the meeting; and
- (2) A part of a meeting must be closed to the public if the subject matter being considered relates to one or more of the following:
- (b) the consideration of information received and held in confidence relating to negotiations between the regional district and a provincial government or the federal government or both, or between a provincial government or the federal government or both and a third party.”

CARRIED

10. ADJOURNMENT/CONCLUSION

It was MOVED and SECONDED

That the Finance and Intergovernment Committee adjourn its regular meeting of July 14, 2021.

CARRIED

(Time: 2:08 p.m.)

Lauren Cichon,
Legislative Services Coordinator

Linda Buchanan, Chair

**METRO VANCOUVER REGIONAL DISTRICT
FINANCE AND INTERGOVERNMENT COMMITTEE**

Minutes of the Special Meeting of the Metro Vancouver Regional District (MVRD) Finance and Intergovernment Committee held at 1:01 p.m. on Thursday, July 29, 2021 in the 28th Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia to consider a resolution to close the meeting.

MEMBERS PRESENT:

Chair, Mayor Linda Buchanan*, North Vancouver City
 Vice Chair, Councillor Sav Dhaliwal*, Burnaby
 Mayor Mary-Ann Booth*, West Vancouver
 Mayor Malcolm Brodie*, Richmond
 Mayor Jonathan Côté*, New Westminster
 Mayor Bill Dingwall*, Pitt Meadows
 Mayor Mike Hurley*, Burnaby
 Director Jen McCutcheon*, Electoral Area A
 Mayor John McEwen*, Anmore

MEMBERS ABSENT:

Mayor Jack Froese, Langley Township
 Mayor Doug McCallum, Surrey
 Mayor Kennedy Stewart, Vancouver
 Mayor Richard Stewart, Coquitlam
 Mayor Brad West, Port Coquitlam

STAFF PRESENT:

Jerry W. Dobrovolny, Chief Administrative Officer
 Amelia White, Legislative Services Supervisor, Board and Information Services

1. ADOPTION OF THE AGENDA

1.1 July 29, 2021 Special Meeting Agenda

It was MOVED and SECONDED

That the Finance and Intergovernment Committee adopt the agenda for its special meeting scheduled for July 29, 2021 as circulated.

CARRIED

2. REPORTS FROM COMMITTEE OR STAFF

No items presented.

*denotes electronic meeting participation as authorized by Section 3.6.2 of the *Procedure Bylaw*

3. RESOLUTION TO CLOSE MEETING

It was MOVED and SECONDED

That the Finance and Intergovernment Committee close its special meeting scheduled for July 29, 2021 pursuant to the *Community Charter* provisions, Section 90 (1) (g) and (i) as follows:

- “90 (1) A part of the meeting may be closed to the public if the subject matter being considered relates to or is one or more of the following:
- (g) litigation or potential litigation affecting the regional district; and
 - (i) the receipt of advice that is subject to solicitor client privilege, including communications necessary for that purpose.”

CARRIED

4. ADJOURNMENT/CONCLUSION

It was MOVED and SECONDED

That the Finance and Intergovernment Committee adjourn its special meeting of July 29, 2021.

CARRIED

(Time: 1:02 p.m.)

Amelia White,
Legislative Services Supervisor

Linda Buchanan, Chair

To: Finance and Intergovernment Committee

From: Heather Schoemaker, General Manager, External Relations
Ann Rowan, Division Manager, Collaboration and Engagement, External Relations

Date: July 21, 2021 Meeting Date: September 8, 2021

Subject: **2021 Zero Waste Conference Update**

RECOMMENDATION

That the Finance and Intergovernment Committee receive for information the report dated July 21, 2021, titled "2021 Zero Waste Conference Update".

The attached report titled "2021 Zero Waste Conference Update" is being considered by the Zero Waste Committee at its meeting of September 10, 2021, and is presented here to the Finance and Intergovernment Committee for its information.

Attachment (*Doc# 46922648*):

"2021 Zero Waste Conference Update", dated July 21, 2021

47077325

To: Zero Waste Committee

From: Heather Schoemaker, General Manager, External Relations
Ann Rowan, Division Manager, Collaboration and Engagement, External Relations

Date: July 21, 2021 Meeting Date: September 10, 2021

Subject: **2021 Zero Waste Conference Update**

RECOMMENDATION

That the Zero Waste Committee receive for information the report dated July 21, 2021 “2021 Zero Waste Conference Update.”

EXECUTIVE SUMMARY

The 2021 Zero Waste Conference, taking place October 28, promises to be a full day of dynamic, curated programming bringing together keynote speakers and panelists who will challenge participants to create a resilient, carbon neutral and circular future through inspiring stories of changes and initiatives already underway and encouragement to take the bold steps required in transformative times. The primarily virtual Conference will be co-hosted by Metro Vancouver and the National Zero Waste Council and broadcast from the multimedia studio at the Annacis Research Centre with the opportunity for a small in-studio audience as BC navigates its restart

The overarching theme of the Zero Waste Conference is a “*Future without Waste*”. This year’s subthemes are:

Unlock the power of imagination and transformation
Step into creative and innovative thinking
Design a resilient, carbon neutral and circular future

PURPOSE

This report provides an update on the planning for the 2021 Zero Waste Conference.

2021 ZERO WASTE CONFERENCE

The annual Zero Waste Conference, hosted by Metro Vancouver and the National Zero Waste Council, supports the first two goals of the *Integrated Solid Waste and Resource Management Plan* related to waste prevention. The Conference, in its eleventh year, has become a fixture on Metro Vancouver’s calendar attracting interest from all orders of government, the business sector, sustainability practitioners and academia within the region and across Canada.

Planning for the Conference begins early in the year and given uncertainty about what the COVID 19 pandemic situation would be like and the public health officer’s guidance on public gatherings, two decisions were made early on. First, that this years’ conference would once again be virtual with the opportunity for a small in-studio audience as BC navigates its restart plan. The second decision, given the Conference would primarily be virtual, was that it would be a one-day conference as opposed to

the previously planned move to a two-day event. The 2021 Zero Waste Conference will be held on October 28th and will be broadcast from the multimedia studio at the Annacis Research Centre.

In alignment with the conference, the National Zero Waste Council hosts its Annual General Meeting the day prior to the conference allowing Council members to also attend the conference. The 2021 Zero Waste Conference is also bookended by two important global conferences. The 2021 World Circular Economy Forum (WCEF) is scheduled for September 13 to 15 in Toronto and the Conference of the Parties (COP) 26 UN Climate Change Conference will take place from October 31 to November 12 in Glasgow, UK. In response, we have taken this opportunity to develop a program that integrates the transition to a circular economy with climate action and building resilience.

Program

The overarching theme of the Zero Waste Conference is a “*Future without Waste*” with an annual set of subthemes that define the rich experience participants have come to expect. This year the subthemes are:

Unlock the power of imagination and transformation
Step into creative and innovative thinking
Design a resilient, carbon neutral and circular future

The Conference will showcase a curated program of high caliber keynotes and panelists who together are inspiring, thought-provoking, providing success stories from the marketplace to decision-tables. Attachment 1 provides an overview of the preliminary program for the 2021 Conference. The Conference website, www.zwc.ca, provides additional information on the program, sessions and speakers.

Marketing

The conference has become a must-attend for many return participants and benefits from a robust marketing strategy, engaging multiple partners and stakeholders locally, nationally and globally. Included are a blend of print and digital media, association notice boards and newsletters and creative networking through Metro Vancouver and the National Zero Waste Council and key affiliated networks and associations such as the Federation of Canadian Municipalities and Circular Economy Leadership Canada

Registration

Last year, just over 500 people attended the Zero Waste Conference. This year we are projecting 600 registrants. Registration fees for virtual participants are \$150 with an early bird rate of \$100 that was in place until the end of July. In addition, we offer students a registration fee of \$89. For the small number of individuals who will be able to watch the conference in the studio, registration will be \$300.

As in prior years, the registration fees are waived for members of the Metro Vancouver Board and the Zero Waste Committee. An email providing more information on the registration process for Board and Committee members will be distributed by September 15th.

ALTERNATIVES

This is an information report. No alternatives are presented.

FINANCIAL IMPLICATIONS

The projected cost to host the 2021 Zero Waste Conference is \$301,950 supported through the 2021 General Government Program of \$212,000 and \$89,950 from conference registration fees.

CONCLUSION

The annual Zero Waste Conference, hosted by Metro Vancouver and the National Zero Waste Council, supports the first two goals of the *Integrated Solid Waste and Resource Management Plan* related to waste prevention. Given the uncertain nature of organizing a public event during the COVID 19 pandemic, the 2021 Zero Waste Conference will again be a virtual event, taking place October 28th and broadcast from the multimedia studio at the Annacis Research Centre.

The program for the 2021 Conference is designed to bring together important threads for this moment when significant transformations is urgent. We are slowly emerging from a global pandemic at the same time that the impacts of climate change and the problem of waste resources are more evident. The curated program of speakers and panelists integrates the transition to a circular economy with climate action and building resilience.

Attachment:

Tentative Program for ***2021 Zero Waste Conference: A Future Without Waste***

Reference:

[2021 Zero Waste Conference](#)

46922648

2021 Zero Waste Conference: A Future Without Waste

Unlock the power of imagination and transformation

Step into creative and innovative thinking

Design a resilient, carbon neutral and circular future

For **11 years**, the Zero Waste Conference has been at the forefront of Canada's circular economy journey bringing together thought leaders, innovators and change makers, surfacing some of the best ideas from the past while presenting pioneering solutions that take us to a future we've only begun to dare dream is possible.

As the world faces unprecedented challenges, we are more committed than ever to accelerating the transition to a circular and zero waste economy, creating solutions that combine economic opportunity with benefits to wider society and the environment.

Join us at this year's Zero Waste Conference to explore the ideas and actions with the greatest potential to transform our communities and economies in support of a future without waste.

Preliminary Program – subject to change

8:30 Conference Kickoff

- Opening Video – A Ten Year Journey

8:35 Welcoming Remarks

- Sav Dhaliwal, Chair, Metro Vancouver Board
- Province of BC

UNLOCK THE POWER OF IMAGINATION AND TRANSFORMATION

8:45 Opening Keynote Armchair Discussion – Unlocking the Future

- Shivvi Jervis, Futurist and Founder of FutureScape 248 (invited)
- Gerd Leonhard, Futurist and CEO of The Futures Agency (invited)

9:30 Innovation Showcase

- Safia Qureshi, CEO & Founder, CLUBZERO
- Marte Arturo Cázarez Duarte and Adrián López Velarde, Co-founders, Desserto
- Ryan Chetiyawardana, Founder, Mr Lyan Studio

A RESILIENT, CARBON NEUTRAL AND CIRCULAR FUTURE

10:00 Keynote: Are we on track to create a circular future?

- Dr. Janez Potočnik, Co-Chair of the International Resource Panel and Partner at SYSTEMIQ
The pulls and pushes influencing the transition to more circularity.

10:30 Networking Break

10:45 Keynote Responding Panel

- Kai Chen, Professor, Institute for Resources, Environment and Sustainability, University of British Columbia
- Ashima Sukhdev, North American Programs Lead, Ellen McArthur Foundation

11:30 Canadian Milestones

Learn how the Quebec Circularity Gap Report is helping accelerate action in the Province of Quebec, and hear from one of Quebec's leading innovators on their circular journey.

- Sophie Langlois Blouin, Senior Vice President of Operations, RECYC-QUEBEC
- Speaker to be confirmed

CITIES AND REGIONS - BRIDGING SOCIAL, CLIMATE AND ECONOMIC GOALS**11:45 Spark Talk: Planning for a better future: ideas and inspiration for a post-pandemic urban areas**

The pandemic has changed our production and consumption patterns and impacted our urban fabric. From adaptive reuse, material cycling to ecological restoration and the future of work, explore the role of circular development strategies in creating resilient and prosperous urban systems.

- Joanna Williams, Director of the Circular Cities Hub and Professor in Sustainable Urbanism at the Bartlett School of Planning, University College of London (invited)

12:00 The journey for a circular future – Circular development strategies**12:45 Networking Lunch*****STEP INTO CREATIVE AND INNOVATIVE THINKING*****1:30 Welcome back**

- Jack Froese, Chair, National Zero Waste Council

1:30 Keynote: Innovation and Investment

- Arlene Dickenson, Dragon, Entrepreneur, Partner, (invited)

2:00 Is the future of food and circular food systems found in design?

Driving down food waste can mean donating more, cooking with less, thriftier procurement. But what if driving down food waste is an even more intentional act of re-imagining? What if the future of food, and circular food systems, is found in design? Design of food businesses, products, infrastructure, supply chain? Design of relationships and collaboration, of investment that supports innovation? Design of local

and global systems – social and economic? A cultural and material design project that simultaneously transforms our economy, our neighborhoods, and our place-based identities?

Innovator Spotlight

- Adolefami Agunbiade, FoodNerve

Armchair Discussion:

- Lauren Abda, CEO of Branchfood Ventures
- IDEO (presenter to be confirmed)

2:45 Innovation Showcase

- Garry Cooper, CEO, President & Co-founder, Rheaply
- Miranda Wang, CEO & Co-founder, Novoloop
- David Côté & Julie Poitras-Saulnier, Co-founders, LOOP Mission

3:15 Networking break

3:30 Keynote: Adapt and Thrive - Embracing humanity for transformation

- Sheila Watt-Cloutier, Environmental, Cultural, and Human Rights Advocate

Sheila reminds us of the human face of climate change and how indigenous worldviews opens an important perspective on how to move forward. Sheila calls on us to harness our imaginations and truly understand the opportunity of collective action to realize the future we all need.

4:00 Achieving Planetary Health Through Human Health

As industries seek ways to accelerate circularity, healthcare is not often top of mind. A year into a global pandemic the spotlight has been on this vital sector which also creates significant environmental impacts. The Planetary Healthcare Lab is helping researchers understand how we can implement circular solutions to advance environmental and human health gains. And how can the protection of human health result in a healthier planet? In this session, we'll hear about new research and promising opportunities to achieve circularity while protecting public health.

Armchair discussion:

- Dr. Andrea MacNeill, Planetary Healthcare Lab, UBC
- Speaker to be confirmed

4:30 Closing Keynote: Living in the intertidal zone

- Billy Almon, Astrobiofuturist
Biology-inspired solutions to improve the human condition for those of us on earth and those who will travel to the stars? A storyteller, Billy draws on his understanding of nature to illustrate the adaptive character of species and

ecosystems and the ability to rebound from dramatic events and changes. Share Billy's passion, as we aspire to a future that regenerates systems, communities and people in a dynamic, ever changing environment.

5:00 Closing Remarks

To: Finance and Intergovernment Committee

From: Heather Schoemaker, General Manager, External Relations
Ann Rowan, Division Manager, Collaboration and Engagement, External Relations

Date: July 22, 2021 Meeting Date: September 8, 2021

Subject: **2021 Update on National Zero Waste Council Activities**

RECOMMENDATION

That the Finance and Intergovernment Committee receive for information the report dated July 22, 2021, titled "2021 Update on the National Zero Waste Council Activities".

The attached report titled "2021 on National Zero Waste Council Activities" is being considered by the Zero Waste Committee at its meeting of September 10, 2021, and is presented here to the Finance and Intergovernment Committee for its information.

Attachment (Doc# 47011548):

"2021 Update on National Zero Waste Council Activities", dated July 22, 2021

47075106

To: Zero Waste Committee

From: Heather Schoemaker, General Manager, External Relations
Ann Rowan, Division Manager, Collaboration and Engagement, External Relations

Date: July 22, 2021 Meeting Date: September 10, 2021

Subject: **2021 Update on National Zero Waste Council Activities**

RECOMMENDATION

That the Zero Waste Committee receive for information the report dated July 22, 2021 titled “2021 Update on National Zero Waste Council Activities.”

EXECUTIVE SUMMARY

In 2021, the National Zero Waste Council has a number of projects and initiatives that will advance waste prevention and circularity within Metro Vancouver and across Canada. Included is the Council’s foundational work in reducing food waste across the value chain and by households and developing pilot projects to divert asphalt and wood waste while working collaboratively to champion a circular economy for plastics packaging and the creation of circular cities and regions in Canada. Research analyzing the public health risks of reusables, confirmed the switch to single use items during the pandemic was not warranted. By being strategic and effective in identifying areas of work, the Council has been able to leverage external funding expanding the capacity of the Council to deliver on its objectives - \$200,000 in 2021 to advance the Council’s work in the circular economy and food loss and waste and \$371,500 in campaign partner service fees for Love Food Hate Waste Canada.

PURPOSE

To provide an update on the initiatives and projects of the National Zero Waste Council since the beginning of 2021.

BACKGROUND

Created in 2013 to enable cross-sector collaboration in advancing waste prevention and accelerating the transition to a circular economy across Canada, the Council is a leadership initiative of Metro Vancouver. The Council convenes and connects with leaders in waste prevention from the public and private sectors across Canada to advance initiatives and projects that catalyze effective action in waste prevention and circularity. The Council, through relationships with thought-leaders from global organizations and jurisdictions engaged in accelerating the transition to a circular economy, seeks to inform and align its work with “cutting edge” and effective initiatives.

NATIONAL ZERO WASTE COUNCIL – 2021 UPDATE

The Council is a cross-sectoral collaboration of 170 members coming from jurisdictions, businesses and NGOs from across Canada who share a common commitment to prevent waste and to accelerate a transition to a circular economy. The Council has two active working groups, composed of members of the Council, who undertake pilot projects and preliminary research. This complements the work of other projects initiated and led by Secretariat staff as part of an approved annual work plan.

Since the beginning of 2021, there have been several important accomplishments and new projects initiated that are summarized below.

Reusables during the Pandemic: The growing trend in the use of reusables had been disrupted during the pandemic. Food retailers adopted a range of policies, often limiting the use of reusable bags, mugs, containers, and bulk food. In response, the Council's Product, Design and Packaging Working Group approached a research team at the University of Toronto's Dalla Lana School of Public Health to learn more about the science behind the risks of using reusables. The result was a report *Opportunities for Reusables in Retail Settings During the COVID-19 Pandemic in Canada: A Review of Guidance and Evidence*.

Their conclusions, based on a scan of scientific research on virus transmission, was that as long as precautions remain in place (like hand washing), reusable items may be used in retail settings during the COVID-19 pandemic. Just this month, the BC Centre for Disease Control updated their guidelines indicating that food businesses may go back to normal activities when handling reusable containers as long as COVID safety measures are maintained. The challenge now is to recover the momentum of the switch to reusables from single use products before the pandemic – this will involve changing the attitude of retailers as well as consumers. The research supports Metro Vancouver's Super Habits campaign.

A webinar on the topic of reusables involving both the research team as well as important leaders in the retail sector was held on June 24 with over 130 participants. The report and recording of the webinar is available on the Council website.

Construction and Demolition Waste: Effective action on waste prevention requires good data. The Recognizing this need, the Council's Construction, Renovation and Demolition Working Group of the Council undertook work to support a new waste database and analysis report.

The report, *Watching our Waste: A National Construction Waste Analysis in Canada Using LEED Certified Project Data* was authored by Light House, who collected and analyzed construction and demolition (C&D) waste data from LEED projects across Canada. They compared that information to best practices in the industry and concluded that much higher diversions rates across the construction industry are possible.

A video has also been produced that highlights efforts to advance wood waste diversion across Canada is available on the Council website.

Canadian Plastics Pact (CPP): The National Zero Waste Council played a pivotal role in the formation and launch of the CPP which brings together a diverse set of leaders and experts in the national plastics value chain to collaboratively change the way we design, use, and reuse plastic packaging. This will involve goal setting, piloting and innovating new technical, policy and legislative solutions to the barriers. Metro Vancouver and the Council will play a key role in the implementation of the pact and key policy actions of relevance to Metro Vancouver zero waste priorities.

On July 22, 2021, 21 Canadian retail and consumer packaged goods companies announced their support for the Golden Design Rules for Plastic Packaging released by the Consumer Goods Forum

Coalition of Action on Plastic Waste. The nine Golden Design rules provide a framework to drive innovation and scalable actions that should result in less plastic packaging overall and easier to recycle plastic packaging by 2025. The CPP will lead the consultation and implementation of the Golden Design Rules in Canada. The National Zero Waste Council welcomes the Golden Design Rules as an important step toward a circular economy for plastics packaging.

Food Loss and Waste: The Council's work on food loss and waste prevention continues to evolve both through commissioned research and the ability to convene and connect important stakeholders in the food value chain progresses. The Council has a seat on Canada's National Food Policy Council – an important venue for building support for important actions identified in *A Food Loss and Waste Strategy for Canada*. New collaborative research into circular food systems will identify opportunities to advance circular food practices on-the-ground and will support the growth of circular food systems across Canada.

Through the Love Food Hate Waste Canada campaign, the Council brings jurisdictions and food retailers across Canada into a proven behaviour change campaign focused on reducing household food waste. In 2021, a new "Five Ways with" campaign was rolled out in both official languages to help Canadians rethink avoidable food waste. The campaign gives Canadians easy to implement storage and usage tips on commonly wasted household food items and is being delivered digitally through online ads.

Circular Cities and Regions Initiative (CCRI): The CCRI is a one-year national pilot project developed by the National Zero Waste Council, Federation of Canadian Municipalities, Recycling Council of Alberta, and RECYC-QUÉBEC to advance circular economy knowledge sharing and capacity building in the Canadian local government sector. As part of the initiative, five webinars will be delivered that will enable knowledge sharing from the Ellen MacArthur Foundation, Zero Waste Scotland and other global leaders in the creation of circular cities. Two webinars have been delivered and the next one, *Addressing Global Challenges through Innovative Place-based Solutions*, is scheduled for September 15. See the Council website – nzwc.ca - for details.

A second key program component is the Peer-2-Peer (P2P) network that will enable a pilot of communities to benefit from cohort learning and exchange. The communities involved in this pilot will have access to one-on-one support by the CCRI team and other strategic and global advisors to support them in their journey towards circularity and will culminate in the development of circular economy roadmaps for each community. On June 15, 2021, the fifteen local governments to the P2P network were announced and included the cities of Richmond and Vancouver.

LEVERAGING SUCCESS

Core funding for the National Zero Waste Council is provided by Metro Vancouver; since its launch in 2013 this has been in the form of a budget for in-kind services (2 staff salaries) \$120,700 for project development, translation and administrative expenses.

Over the past three years, there has been an emphasis on attracting external project funding to amplify and expand the work of the Council. The Council has been successful in terms of raising funds for the Love Food Hate Waste Canada campaign, work to reduce food loss and waste throughout the

supply chain and for work advancing the transition to the circular economy. On average, the annual amount raised from external sources has been \$500,000; this includes about \$350,000 in service fees collected from project partners in the Love Food Hate Waste Canada campaign.

ALTERNATIVES

This is an information report. No alternatives are presented.

FINANCIAL IMPLICATIONS

The 2021 budget for the National Zero Waste Council is \$434,354, including salaries for two staff and project development funding of \$120,700. In addition, leveraged funding from external project partners is projected to be just under \$200,000 to advance the Council's work in the circular economy and food loss and waste.

Love Food Hate Waste Canada, a self-sustaining program of the Council is funded by service fees from its campaign partners that directly support the development of communications and marketing campaigns, creative materials for the web, social media, and activation initiatives and to leverage the reach of campaign ambassadors and market influencers. The LFHW budget in 2021 is projected to be \$371,500.

CONCLUSION

In 2021, the National Zero Waste Council has a number of projects and initiatives that will advance waste prevention and circularity within Metro Vancouver and across Canada. The Council continues to do foundational work in reducing food waste across the value chain and by households and developing pilot projects to divert asphalt and wood waste while working collaboratively to champion a circular economy for plastics packaging and the creation of circular cities and regions in Canada. Research analyzing the public health risks of reusables, even during the COVID 19 pandemic confirmed that the switch to single use items was not warranted and that, as long as precautions remain in place (like hand washing), reusable items may be used in retail settings. By being strategic and effective in identifying areas of work, the Council has been able to leverage the Metro Vancouver contribution to the Council to raise funds from external sources which expands the capacity of the Council to deliver on its objectives.

References:

1. National Zero Waste Council website www.nzwc.ca
2. [*Opportunities for Reusables in Retail Settings During the COVID-19 Pandemic in Canada: A Review of Guidance and Evidence.*](#)
3. [*Watching our Waste: A National Construction Waste Analysis in Canada Using LEED Certified Project Data*](#)
4. [Opportunities to Upcycle Wood Waste Across Canada - video](#)
5. [Canada Plastics Pact](#) website
6. [A Food Loss and Waste Strategy for Canada](#)
7. [Love Food Hate Waste Canada](#) website
8. [Circular Cities and Regions Initiative](#) website
9. [Addressing global challenges through innovative place-based solutions webinar](#)

To: Finance and Intergovernment Committee

From: Joe Sass, Deputy CFO/Director of Financial Planning and Operations

Date: August 20, 2021 Meeting Date: September 8, 2021

Subject: **MVRD Banking Authority Bylaw 1324, 2021, GVWD Banking Authority Bylaw 255, 2021, GVS&DD Banking Authority Bylaw 349, 2021**

RECOMMENDATION

That the MVRD Board:

- a) give first, second and third reading to *Metro Vancouver Regional District Banking Authority Bylaw No. 1324, 2021*; and
- b) pass and finally adopt *Metro Vancouver Regional District Banking Authority Bylaw No. 1324, 2021*.

That the GVWD Board:

- a) give first, second and third reading to *Greater Vancouver Water District Banking Authority Bylaw No. 255, 2021*; and
- b) pass and finally adopt *Greater Vancouver Water District Banking Authority Bylaw No. 255, 2021*.

That the GVS&DD Board:

- a) give first, second and third reading to *Greater Vancouver Sewerage and Drainage District Banking Authority Bylaw No. 349, 2021*; and
- b) pass and finally adopt *Greater Vancouver Sewerage and Drainage District Banking Authority Bylaw No. 349, 2021*.

EXECUTIVE SUMMARY

Board approved bylaws for signing officers establish authority for the execution of Metro Vancouver Districts' banking and financial matters. The existing Signing Authority Bylaws require updating to accommodate the logistical challenges highlighted by the global pandemic and to improve efficiencies in handling the increased volume of requests. Designating the routine, lower risk matters to be handled by Class B and Class C signatories will reduce the burden on Class A signatories. The revised framework ensures there continues to be proper segregation of duty, sound internal controls, and strong governance structure for approvals, while improving the efficiency of the overall processes.

PURPOSE

To adopt the updated Banking Authority Bylaws that will allow routine banking and financial documents to be executed in a more efficient and timely manner by delegating the authority to the Financial Services management group.

BACKGROUND

Board approved Bylaws for signing officers establish the framework of authority for the execution of Metro Vancouver Districts' banking and financial matters dealing with banks, investment firms or brokers and lending institutions. The existing Bylaws require approval from one of the three senior management in Financial Services (Class B), together with a second approval from one of the four senior management or Board (Class A).

Due to the global pandemic and work-from-home policies, it has become increasingly challenging and time consuming to execute routine financial documents. Even though electronic signatures are gaining popularity, it is not yet widely adopted by organizations and in-person signatures continue to be required. As Metro Vancouver has grown in size and complexity, there is increased banking activity such as expanded online banking services and new investment accounts to serve the growing needs of the organization.

BYLAW UPDATES

The previous Signing Officer Bylaws:

- *Greater Vancouver Regional District Signing Officers Bylaw No. 1184, 2013 as amended;*
- *Greater Vancouver Sewerage and Drainage District Signing Officers Bylaw No. 279, 2013 as amended; and*
- *Greater Vancouver Water District Signing Officers Bylaw No. 246, 2013 as amended*

are repealed and replaced by the attached Bylaws:

- *Metro Vancouver Regional District Banking Authority Bylaw No. 1324, 2021;*
- *Greater Vancouver Sewerage and Drainage District Banking Authority Bylaw No. 349, 2021; and*
- *Greater Vancouver Water District Banking Authority Bylaw No. 255, 2021*

The following are the key changes proposed in the new Bylaws:

Introduction of a third-tier, Class C signatories

As outlined in Table 1 below, a new group of signatories referred to as "Class C" will be comprised of the Financial Services management group. The managers in Class C are well equipped to vet the requests given their financial background and expertise, and will provide the first of the two required signatures for certain financial matters as listed in Table 2. Class B signatories comprised of Financial Services senior management and General Managers remain unchanged, and will continue to serve as the secondary approver.

Table 1

Class A	Class B	Class C (new)
Board Chair	CFO/GM Financial Services	Treasury Manager
Board Vice Chair	Director Financial Planning & Operations/Deputy CFO	Division Manager Finance and Capital Planning
CAO/Commissioner	Director Purchasing & Risk Management	Division Manager Utility Client Support
GM Legal Services & Indigenous Relations		Division Manager Corporate Client Support

Risk based approach to designating authority

Class C will be limited to the general and operational banking matters with lower risk profile. Common examples of these tasks include adding new banking services such as electronic payments and opening/closing of investment or bank accounts. This will reduce the number of routine matters requiring signatures from Class A.

Class A combined with Class B will continue to have the authority to sign for all financial matters covered under these Bylaws with the exception of debt, should Class C signers not be available. This ensures there is sufficient coverage to minimize undue delays for items of urgent nature such as manual wire transfers in the event of major disruption to the online banking portals.

For any type of debt resulting in legal and major financial obligation to the organization, authorized signatories will be restricted to the Board appointed positions. One signature from either the Board Chair or CAO together with the Treasurer/CFO will be required to sign. This is consistent with the signing requirement by the Municipal Financing Authority. In most cases, debt is long-term and material in value, and therefore assumes a higher risk profile.

Table 2 below outlines the proposed rules of the amending bylaws and when they would be used.

Table 2

One Class A and One Class B Signing Officers	One Class B and One Class C Signing Officers
Any types of overdraft service, debt, borrowing and guarantee obligating the Districts – limited to Board Chair, CAO and Treasurer/CFO	Cheques, wires, pre-authorized debits and other orders for the payment of money
All tasks that can be approved by One Class B and One Class C as referred in the Bylaw	Foreign exchange or other hedging contracts and agreements
	Contracts for the issuance or acceptance of letters of credit
	Opening and closure documents and agreements for bank and investment accounts
	Request for draws under existing agreements relating to borrowing

The new Bylaws, as presented, will have no direct impact on financial operations, except to reduce administrative efforts. The revised framework ensures there continues to be proper segregation of duty and sound governance to mitigate risks.

Once approved, the above noted Banking Authority Bylaws, along with supporting documentation, will be forwarded to banks and investment institutions having dealings with Metro Vancouver's Districts.

ALTERNATIVES

1. That the MVRD Board:

- a) give first, second and third reading to *Metro Vancouver Regional District Banking Authority Bylaw No. 1324, 2021*; and
- b) pass and finally adopt *Metro Vancouver Regional District Banking Authority Amending Bylaw No. 1324, 2021*.

That the GVWD Board:

- a) give first, second and third reading to *Greater Vancouver Water District Banking Authority Bylaw No. 255, 2021*; and
- b) pass and finally adopt *Greater Vancouver Water District Banking Authority Bylaw No. 255, 2021*.

That the GVS&DD Board:

- a) give first, second and third reading to *Greater Vancouver Sewerage and Drainage District Banking Authority Bylaw No. 349, 2021*; and
- b) pass and finally adopt *Greater Vancouver Sewerage and Drainage District Banking Authority Bylaw No. 349, 2021*.

2. That the Finance and Intergovernment Committee receive for information the report dated August 20, 2021 titled "MVRD Banking Authority Bylaw 1324, 2021, GVWD Banking Authority Bylaw 255, 2021, GVS&DD Banking Authority Bylaw 349, 2021" and provide alternate direction.

FINANCIAL IMPLICATIONS

There are no direct financial impacts to Metro Vancouver with the adoption of these bylaws. Introduction of Class C Signing Officers to approve routine banking matters, which currently require Class A signatures, will reduce administrative efforts and ensure the continued smooth operation of Treasury activities.

CONCLUSION

The proposed amending Banking Authority Bylaws introduces a new tier of signing authorities, who can sign for routine and lower risk banking matters. This will reduce processing time while still maintaining proper segregation of duties and sound governance to mitigate financial risks.

Staff recommend adoption of the Banking Authority Bylaws as outlined in Alternative 1.

Attachments (Doc# 47359008)

1. *Metro Vancouver Regional District Banking Authority Bylaw No. 1324, 2021*,
2. *Greater Vancouver Water District Banking Authority Bylaw No. 255, 2021*
3. *Greater Vancouver Sewerage and Drainage District Banking Authority Bylaw No. 349, 2021*

**METRO VANCOUVER REGIONAL DISTRICT
BYLAW NO. 1324, 2021
A Bylaw to Appoint Persons with Banking Authorities**

WHEREAS:

- A. Section 263 of the *Local Government Act* (the “Act”) provides the Metro Vancouver Regional District (the “District”) with all the rights of a corporation;
- B. The *Greater Vancouver Regional District Signing Officers Bylaw No. 1184, 2013* as amended, authorizes persons to sign cheques and promissory notes; and
- C. It is deemed expedient that the *Greater Vancouver Regional District Signing Officers Bylaw No. 1184, 2013* as amended, be repealed and that, pursuant to the Act, the persons set out below be authorized as signing officers of the District;

NOW THEREFORE the Board of the District enacts as follows:

- 1. The official citation of this bylaw is “Metro Vancouver Regional District Banking Authority Bylaw No. 1324, 2021”. This bylaw may be cited as “MVRD Banking Authority Bylaw No. 1324, 2021”.
- 2. *Greater Vancouver Regional District Signing Officers Bylaw No. 1184, 2013* as amended, is hereby repealed.
- 3. Any one of the:
 - Chief Financial Officer
 - Director, Financial Planning and Operations/Deputy Chief Financial Officer
 - Director, Purchasing and Risk Managementtogether with any one of the:
 - Treasury Manager
 - Division Manager, Finance and Capital Planning
 - Division Manager, Utility Client Support
 - Division Manager, Corporate Client Support

are hereby authorized on behalf of the District to sign, accept, endorse or approve, under seal if necessary or convenient:

- (i) instructions for the withdrawal of funds from accounts by way of cheque, wire payment instruction, pre-authorized debit authorization, or other orders for the payment of money from accounts;
- (ii) contracts for foreign exchange or hedging instruments;
- (iii) contracts for the issuance or acceptance of letters of credit;
- (iv) requests for draws, draw downs, or advances under any agreements relating to letters of credit, bonds, or other types of security, borrowing money, or otherwise obtaining credit;
- (v) opening and closing of accounts with banking and investment institutions; and
- (vi) agreements for accounts, cash management or investment products or services.

4. Any one of the:
Board Chair
Board Vice Chair
Chief Administrative Officer
General Manager Legal Services & Indigenous Relations

together with any one of the:

- Chief Financial Officer
Director, Financial Planning and Operations/Deputy Chief Financial Officer
Director, Purchasing and Risk Management

are hereby authorized on behalf of the District to sign, accept, endorse or approve, under seal if necessary or convenient:

- (i) all items listed under Section 3; and
- (ii) any other financial agreements or instruments not listed under Section 3 of this Bylaw with the exception of items relating to debt listed under Section 5.

5. Any one of the:
Board Chair
Chief Administrative Officer
together with the:
Chief Financial Officer

are hereby authorized on behalf of the District to sign, accept, endorse or approve, under seal if necessary or convenient agreements, contracts or other authorizations for borrowing money or otherwise obtaining credit, issuance of debt, granting security, and/or providing guarantees.

Read a first, second and third time this _____ day of _____, _____

Passed and finally adopted this _____ day of _____, _____

Sav Dhaliwal, Chair

Chris Plagnol, Corporate Officer

**GREATER VANCOUVER WATER DISTRICT
BYLAW NO. 255, 2021
A Bylaw to Appoint Persons with Banking Authorities**

WHEREAS:

- A. Section 5 of the *Greater Vancouver Water District Act* (the “Act”) provides the Greater Vancouver Water District (the “District”) with all the rights of a corporation;
- B. The *Greater Vancouver Water District Signing Officers Bylaw No. 246, 2013* as amended, authorizes persons to sign cheques and promissory notes; and
- C. It is deemed expedient that the *Greater Vancouver Water District Signing Officers Bylaw No. 246, 2013* as amended, be repealed and that, pursuant to the Act, the persons set out below be authorized as signing officers of the District;

NOW THEREFORE the Board of the District enacts as follows:

- 1. The official citation of this bylaw is “Greater Vancouver Water District Banking Authority Bylaw No. 255, 2021”. This bylaw may be cited as “GVWD Banking Authority Bylaw”.
- 2. “Greater Vancouver Water District Signing Officers Bylaw No. 246, 2013” as amended, is hereby repealed.
- 3. Any one of the:
 - Treasurer/Chief Financial Officer
 - Director, Financial Planning and Operations/Deputy Chief Financial Officer
 - Director, Purchasing and Risk Managementtogether with any one of the:
 - Treasury Manager
 - Division Manager, Finance and Capital Planning
 - Division Manager, Utility Client Support
 - Division Manager, Corporate Client Support

are hereby authorized on behalf of the District to sign, accept, endorse or approve, under seal if necessary or convenient:

- (i) instructions for the withdrawal of funds from accounts by way of cheque, wire payment instruction, pre-authorized debit authorization, or other orders for the payment of money from accounts;
- (ii) contracts for foreign exchange or hedging instruments;
- (iii) contracts for the issuance or acceptance of letters of credit;
- (iv) requests for draws, draw downs, or advances under any agreements relating to letters of credit, bonds, or other types of security, borrowing money, or otherwise obtaining credit;
- (v) opening and closing of accounts with banking and investment institutions; and
- (vi) agreements for accounts, cash management or investment products or services.

4. Any one of the:

Board Chair
Board Vice Chair
Commissioner
General Manager Legal Services & Indigenous Relations

together with any one of the:

Treasurer/Chief Financial Officer
Director, Financial Planning and Operations/Deputy Chief Financial Officer
Director, Purchasing and Risk Management

are hereby authorized on behalf of the District to sign, accept, endorse or approve, under seal if necessary or convenient:

- (i) all items listed under Section 3; and
- (ii) any other financial agreements or instruments not listed under Section 3 of this Bylaw with the exception of items relating to debt listed under Section 5.

5. Any one of the:

Board Chair
Commissioner

together with the:

Treasurer/Chief Financial Officer

are hereby authorized on behalf of the District to sign, accept, endorse or approve, under seal if necessary or convenient agreements, contracts or other authorizations for borrowing money or otherwise obtaining credit, issuance of debt, granting security, and/or providing guarantees.

Read a first, second and third time this _____ day of _____, _____

Passed and finally adopted this _____ day of _____, _____

Sav Dhaliwal, Chair

Chris Plagnol, Corporate Officer

**GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT
BYLAW NO. 349, 2021
A Bylaw to Appoint Persons with Banking Authorities**

WHEREAS:

- A. Section 7 of the *Greater Vancouver Sewerage and Drainage District Act* (the “Act”) provides the Greater Vancouver Sewerage and Drainage District (the “District”) with all the rights of a corporation;
- B. The *Greater Vancouver Sewerage and Drainage District Signing Officers Bylaw No. 279, 2013* as amended, authorizes persons to sign cheques and promissory notes; and
- C. It is deemed expedient that the *Greater Vancouver Sewerage and Drainage District Signing Officers Bylaw No. 279, 2013* as amended, be repealed and that, pursuant to the Act, the persons set out below be authorized as signing officers of the District;

NOW THEREFORE the Board of the District enacts as follows:

- 1. This Bylaw shall be cited as “Greater Vancouver Sewerage and Drainage District Banking Authority Bylaw No. 349, 2021”.
- 2. *Greater Vancouver Sewerage and Drainage District Signing Officers Bylaw No. 279, 2013* as amended, is hereby repealed.
- 3. Any one of the:
 - Treasurer/Chief Financial Officer
 - Director, Financial Planning and Operations/Deputy Chief Financial Officer
 - Director, Purchasing and Risk Managementtogether with any one of the:
 - Treasury Manager
 - Division Manager, Finance and Capital Planning
 - Division Manager, Utility Client Support
 - Division Manager, Corporate Client Support

are hereby authorized on behalf of the District to sign, accept, endorse or approve, under seal if necessary or convenient:

- (i) instructions for the withdrawal of funds from accounts by way of cheque, wire payment instruction, pre-authorized debit authorization, or other orders for the payment of money from accounts;
- (ii) contracts for foreign exchange or hedging instruments;
- (iii) contracts for the issuance or acceptance of letters of credit;
- (iv) requests for draws, draw downs, or advances under any agreements relating to letters of credit, bonds, or other types of security, borrowing money, or otherwise obtaining credit;
- (v) opening and closing of accounts with banking and investment institutions; and

(vi) agreements for accounts, cash management or investment products or services.

4. Any one of the:

Board Chair
Board Vice Chair
Commissioner
General Manager Legal Services & Indigenous Relations

together with any one of the:

Treasurer/Chief Financial Officer
Director, Financial Planning and Operations/ Deputy Chief Financial Officer
Director, Purchasing and Risk Management

are hereby authorized on behalf of the District to sign, accept, endorse or approve, under seal if necessary or convenient:

- (i) all items listed under Section 3; and
- (ii) any other financial agreements or instruments not listed under Section 3 of this Bylaw with the exception of items relating to debt listed under Section 5.

5. Any one of the:

Board Chair
Commissioner

together with the:

Treasurer/Chief Financial Officer

are hereby authorized on behalf of the District to sign, accept, endorse or approve, under seal if necessary or convenient agreements, contracts or other authorizations for borrowing money or otherwise obtaining credit, issuance of debt, granting security, and/or providing guarantees.

Read a first, second and third time this _____ day of _____, _____

Passed and finally adopted this _____ day of _____, _____

Sav Dhaliwal, Chair

Chris Plagnol, Corporate Officer

To: Finance and Intergovernment Committee

From: Chris Plagnol, Corporate Officer

Date: August 31, 2021 Meeting Date: September 8, 2021

Subject: **MVRD Procedure Amending Bylaw Number 1325, 2021**

RECOMMENDATION

That the MVRD Board:

- a) give first, second and third reading to *Metro Vancouver Regional District Procedure Amending Bylaw Number 1325, 2021*;
 - b) pass and finally adopt *Metro Vancouver Regional District Procedure Amending Bylaw Number 1325, 2021*; and
 - c) direct staff to bring forward a policy regarding electronic participation at Board and Committee meetings.
-

EXECUTIVE SUMMARY

At the July 30, 2021 MVRD Board of Directors meeting, the Board expressed desire to maintain flexibility in how members attend meetings. During the pandemic, local governments have been authorized to hold electronic meetings under the authority of the *COVID Related Measures Act*, including Ministerial Order M192. With Ministerial Order M192 set to expire September 28, 2021, an amendment to the *Metro Vancouver Regional District Procedure Bylaw* will be required if the Board wishes to maintain the ability for Board and Committee members to meet by electronic means.

PURPOSE

To seek Board approval of the *Metro Vancouver Regional District Procedure Amending Bylaw Number 1325, 2021*, a bylaw to permit electronic participation by members at Board and Committee meetings.

BACKGROUND

At its July 30, 2021 meeting, the MVRD Board directed staff to bring forward amendments to the *Metro Vancouver Regional District Procedure Bylaw* to authorize electronic meetings and participation by board and committee members at those meetings, following the expiration of Ministerial Order M192 that gave the authority to hold electronic meetings.

Following direction from the Board, this report brings forward *Metro Vancouver Regional District Procedure Amending Bylaw Number 1325, 2021* for the Board's consideration, to permit electronic participation to continue at Board and Committee meetings.

STATUTORY AUTHORITY

On July 2, 2021, Metro Vancouver received correspondence from the Ministry of Municipal Affairs informing that as of July 1, 2021, BC had moved to Step 3 of the BC Four-Step Restart Plan, and that

the provincial State of Emergency had been lifted. While the authority to hold meetings electronically continues to exist under the Ministerial Order M192, the authority will expire on September 28, 2021.

Bill 10: *Municipal Affairs Statutes Amendments Act, 2021* was passed on June 1, 2021 and includes expanded authority for electronic meetings on a permanent basis for municipalities, which will be brought into force on September 29, 2021. For Regional Districts, the Province advises that electronic meeting rules will be aligned with municipalities, with further work to be done to update regulations and align rules to ensure that the new, broad electronic meeting authorities for all local governments are implemented in a coordinated fashion. This proposed legislation is still pending at the time of writing this report.

PROPOSED PROCEDURE BYLAW AMENDMENT

At the July 30, 2021 MVRD Board meeting, the Board discussed a number of options and limitations related to electronic meetings and participation in them, and provided feedback on the approach for Metro Vancouver electronic and in-person meetings.

Original Options Considered

Below is a summary of the options considered at the July 2021 Board meeting:

- **Criteria for Electronic Meeting Participation** – On the option of requesting authorization from the Chair to participate electronically in a meeting, subject to limits, directors generally expressed a desire for flexibility, allowing each member to decide how and when they wish to participate. It was however noted that the Chair would have the ability to decide that a meeting would be held electronically in extraordinary circumstances, such as pandemics, natural disasters, or inclement weather.
- **Limits to Number of Electronic Attendances** – On the option of setting a cap limiting electronic participation to no more than three (3) times per calendar year, for each given Board or committee, directors generally expressed a desire for flexibility without imposing limitation on the number of electronic meetings attended.
- **Chair to Attend In-Person** – On the option of requiring the Chair, Vice Chair, or any member presiding at a Board or Committee meeting, to attend in-person to facilitate the meeting, directors generally expressed a desire for flexibility, allowing the presiding officer to decide how they wish to participate, but also acknowledged there is some value in presiding in-person in the meeting room.
- **Required In-Person Meetings** – On the option of required in-person meetings -- such the board inaugural meeting; meetings where there is an election, budget approval meetings, few scheduled meetings, etc. – directors acknowledged the value of certain meetings being required to be held in-person.

Proposed Bylaw Amendments

Flexibility -- Based on the Board's discussions of these options, staff have prepared a proposed amendment to the *Procedure Bylaw* which (i) will uphold the flexibility of Board and Committee

members to choose how they wish to attend meetings either in-person or electronically, (ii) does not put in place any constraints on the Chair to attend in person, and (iii) does not limit the number of meetings at which a member may participate electronically.

Required In-Person Meetings -- Notwithstanding the flexibility in the proposed bylaw amendment, certain meetings throughout the calendar year may be determined to require in-person attendance by members when:

- a) listed on the approved calendar of meetings;
- b) approved by resolution of the Board or Committee; or
- c) given the nature of one or more item(s), the Chair determines in-person attendance as a requirement, subject to 7 days advance notice.

Unsafe Conditions -- Notwithstanding the above, under the proposed bylaw amendment, in the case where an unsafe circumstance exists with the potential to cause risk to the health and or safety of members scheduled to attend a required in-person meeting, the Chair will maintain the flexibility to permit electronic participation by members.

OTHER CONSIDERATIONS

In addition to the proposed Bylaw amendments, some operational elements related to the administration of electronic meetings, and to the upcoming 2021 meetings, need consideration, as follows below.

Electronic Meetings Policy

The Board adopted an *Electronic Meetings and Participation by Members Guideline* early in the pandemic in 2020. Since that time, and should the Board amend its *Procedure Bylaw* to permit electronic meetings, it is suggested that policy considerations to address procedures and practices related to the operation of these meetings be revisited.

Upcoming 2021 Board meetings

Given the nature of the October 2021 budget approval meetings and the November 2021 inaugural Board meeting, it is anticipated that in-person attendance may be required. If the proposed bylaw amendment is adopted, the Chair will have the flexibility to require in-person attendance at such meetings, given the stipulated 7-day advance notice contained within the bylaw amendment.

ALTERNATIVES

1. That the MVRD Board:

- a) give first, second and third reading to *Metro Vancouver Regional District Procedure Amending Bylaw Number 1325, 2021*;
- b) pass and finally adopt *Metro Vancouver Regional District Procedure Amending Bylaw Number 1325, 2021*; and
- c) direct staff to bring forward a policy regarding electronic participation at Board and Committee meetings.

2. That the MVRD Board refer the report dated August 31, 2021, titled, *MVRD Board Procedure Amending Bylaw Number 1325, 2021* to staff for further options related to authorizing electronic Board and Committee meetings to take place, pursuant to recently enacted changes to provincial legislation.

FINANCIAL IMPLICATIONS

If the Board were to proceed with Alternative 1, changes to the *Procedure Bylaw* to authorize electronic meeting attendance would not have a financial impact. Members would be remunerated for attendance regardless of the form of participation.

If the Board chooses to proceed with Alternative 2, while there would also be no financial impact, it should be noted that starting October 2021, all members of Metro Vancouver Committees and Boards would be required to attend in person until such time that a *Procedure Bylaw* amendment is adopted.

CONCLUSION

The Board's *Procedure Bylaw* establishes the general proceedings to be followed by the Boards and Committees in conducting their business. With the upcoming expiration of Ministerial Order M192 on September 28, 2021, should Metro Vancouver wish to maintain the option for Board and Committee members to meet electronically, an amendment to the *Procedure Bylaw* will be required. On that basis, staff recommend Alternative 1.

Attachments

1. *MVRD Procedure Amendment Bylaw Number 1325, 2021*

47359008

**METRO VANCOUVER REGIONAL DISTRICT
BYLAW NUMBER 1325, 2021**

A Bylaw to amend “Metro Vancouver Regional District Procedure Bylaw Number 1205, 2014”

WHEREAS the Board of Directors of the Metro Vancouver Regional District has adopted “Metro Vancouver Regional District Procedure Bylaw Number 1205, 2014”, a bylaw to regulate the proceedings of the Metro Vancouver Regional District Board and Committees; and

WHEREAS the Board of Directors of the Metro Vancouver Regional District wishes to amend “Metro Vancouver Regional District Procedure Bylaw Number 1205, 2014”;

NOW THEREFORE the Board of Directors of the Metro Vancouver Regional District enacts as follows:

1. The “Metro Vancouver Regional District Procedure Bylaw Number 1205, 2014” (the “Bylaw”) is hereby amended as follows:

- a) In Part 1 (Introduction), section 1.2, the following definitions be added:

“Electronic Meeting” means a meeting where some or all members are Electronic Participants;

“Electronic Participant” means a member who participates in a meeting by means of electronic or other communication facilities;

“In-Person Meeting” means a meeting where all members attend in-person;

“Unsafe Conditions” means any one or more of epidemics, pandemics, extreme weather conditions, fires, explosions, natural disasters, floods, riots or road blockages.

- b) In Part 1 (Introduction), section 1.2, the definition of “Meeting” be amended by adding a comma and the words “*and includes an Electronic Meeting and an In-Person Meeting*” after the word “requires” such that the definition now reads as follows:

“Meeting” means a meeting of the Board, or a meeting of a committee, as the context requires, and includes an Electronic Meeting and an In-Person Meeting;

- c) Part 3, Sections 3.1 to 3.6.2 be deleted in their entirety and replaced with the following new sections:

Regular board meetings – date, time and place

- 3.1 No later than the last board meeting in November, the Corporate Officer shall provide an annual schedule of regular board meetings for the upcoming year, including the date, time and place of meetings, and meetings shall be held accordingly unless otherwise determined by resolution of the Board.

- 3.1.1 For the purposes of advance public notice, the Corporate Officer shall post the annual schedule of regular board meetings at the posting place.
- 3.1.2 In the case of regular board meetings conducted as Electronic Meetings, advance public notice must include:
 - (a) the way in which the Electronic Meeting will be conducted; and
 - (b) the place where the public may attend to hear, or watch and hear, the proceedings that are open to the public.
- 3.1.3 In the event of a change to a regular board meeting date, time, place, way in which the Electronic Meeting will be conducted, or place where the public may attend to hear, or watch and hear, the proceedings of an Electronic Meeting that are open to the public, the Corporate Officer shall as soon as possible post the change at the posting place.

Regular committee meetings – date, time and place

- 3.2 As soon as possible after the Board Chair has established committees, the Corporate Officer shall establish an annual schedule of committee regular meetings including the date, time, and place of the meetings and provide the annual schedule of committee regular meetings to each member of each committee.
 - 3.2.1 For the purposes of advance public notice, the Corporate Officer shall post the annual schedule of committee regular meetings at the posting place.
 - 3.2.2 In the case of regular committee meetings conducted as Electronic Meetings, advance public notice must include:
 - (a) the way in which the Electronic Meeting will be conducted; and
 - (b) the place where the public may attend to hear, or watch and hear, the proceedings that are open to the public.
 - 3.2.3 A committee Chair may call additional meetings, or cancel a meeting, change the date, time, or place of a regular meeting where circumstances require.
 - 3.2.4 In the event of a change to a regular committee meeting date, time, place, way in which the Electronic Meeting will be conducted, or place where the public may attend to hear, or watch and hear, the proceedings of an Electronic Meeting that are open to the public, the Corporate Officer shall as soon as possible post the change at the posting place.

Special meetings – calling and conduct

- 3.3 Pursuant to section 220 [*Calling of special board meetings*] of the Act, a special meeting shall be called by the Corporate Officer on the request of the Chair or any two members, by notice mailed to each member at least five days before the date of the meeting to the address given by each member to the Corporate Officer for that purpose.

- 3.4 The notice shall state the general purpose of the meeting and the day, time and place of the meeting, as well as whether the meeting is to be conducted as an Electronic Meeting or an In-Person Meeting.
- 3.4.1 In the case of Special Meetings conducted as Electronic Meetings, notice must include:
- (a) the way in which the Electronic Meeting will be conducted; and
 - (b) the place where the public may attend to hear, or watch and hear, the proceedings that are open to the public.
- 3.5 The notice of any special meeting may be waived by a unanimous vote of the Board or committee, as the context requires.
- 3.6 In an emergency, notice of a special meeting may be given with the consent of the Chair and two members, less than five days before the date of the meeting, and notice of the meeting does not need to be given in writing.

Electronic Meetings

- 3.6.1 A meeting may be conducted as an Electronic Meeting or an In-Person Meeting.
- 3.6.2 Electronic Meetings must abide by the rules established by Board policies pertaining to Electronic Meetings.

In-Person Meetings

- 3.6.3 Subject to Section 3.6.4, certain meetings throughout the calendar year may be determined to require in-person attendance by members, when:
- (a) established as In-Person Meetings on the annual Board and committee schedules referred to in Part 3;
 - (b) carried by resolution of the Board or committee; or
 - (c) given the nature of one or more items on the agenda, the Chair determines in-person attendance as a requirement, subject to members being provided with seven (7) of advance notice of the requirement to attend in person. The advance notice of any change of a scheduled meeting to an In-Person Meeting may be waived by a unanimous vote of the Board or committee, as the context requires.
- 3.6.4 If the Chair determines that Unsafe Conditions exist that have the potential to cause risk to the health and/or safety of members scheduled to attend an In-Person Meeting, then notwithstanding Section 3.6.3, the Chair may permit members to participate by means of electronic or other communication facilities.

2. This bylaw shall be cited as “Metro Vancouver Regional District Procedure Amending Bylaw Number 1325, 2021”.
3. This Bylaw will come into force and effect October 1, 2021.

Read a first, second and third time this _____ day of _____, 2021.

Passed and finally adopted this _____ day of _____, 2021.

Sav Dhaliwal, Chair

Chris Plagnol, Corporate Officer

To: Finance and Intergovernment Committee

From: Jerry Dobrovlny, Commissioner/Chief Administrative Officer

Date: August 30, 2021 Meeting Date: September 8, 2021

Subject: **Manager's Report**

RECOMMENDATION

That the Finance and Intergovernment Committee receive for information the report dated August 30, 2021, titled "Manager's Report."

Finance and Intergovernment Committee Work Plan

Attachment 1 to this report sets out the Committee's Work Plan for 2021. The status of the Committee's key priorities is shown as pending, in progress, or complete together with the quarter that each is expected to be considered by the Committee.

2021 UBCM Resolutions

Attachment 2 to this report is the full list of resolutions relevant to Metro Vancouver's jurisdiction that will be considered at the Union of British Columbia Municipalities Convention on September 15 and 16, 2021. This list includes resolutions put forward by Metro Vancouver members, member jurisdictions of the Lower Mainland Local Government Association and those resolutions that potentially align with Metro Vancouver policies and initiatives. Where applicable, staff have included a note regarding whether the resolution aligns with established Metro Vancouver policies.

Attachments:

1. 2021 Finance and Intergovernment Committee Work Plan (*Doc# 42574503*)
2. 2021 UBCM Resolutions Relevant to Metro Vancouver's Jurisdictions (*Doc# 47599498*)

Finance and Intergovernment Committee 2021 Work Plan

Report Date: August 30, 2021

Priorities

1 st Quarter	Status
2021 Standing Committee Events	Complete
Board Strategic Planning Session	Complete
TransLink Federal Gas Tax Application	Complete
Intergovernmental Relations Strategy	Complete
North Shore Wastewater Treatment Plant Update	Complete
Project Delivery Update	Complete
Procurement Policy Update	Pending
National Zero Waste Council Update	Complete
2020 Zero Waste Conference	Complete
Forums on Systemic Racism Report Out and Next Steps	Complete
Tier III Cost Apportionment Bylaw Amendments	Complete
Litigation Updates	Complete
Fraser Basin Council Update	Complete
Lower Mainland Flood Management Strategy Update	Complete
Poplar Landing Update	Pending
Intergovernmental Communications and Engagement Update	Complete
Metro Vancouver Comments on from External Agency Projects (As Required/Applicable)	Pending
Board Policies (As Required/Applicable)	Pending
2 nd Quarter	
Vancouver Airport Authority Update and Board Appointment	Complete
Resilient Region Strategic Framework	Complete
Waste-to-Energy Facility District Energy	Complete
Burrard Inlet Environmental Action Program – Fraser River Estuary Management Program (BIEAP – FREMP) Partnership Update	Pending
2020 Statement of Financial Information	Complete
Status of Reserves	Pending
Major Project Updates	Complete
Project Delivery Update	Complete
Municipal Finance Reform Update	Pending
Intergovernmental Communications and Engagement Update	Complete
UBC Cliff Interagency Steering Committee Update	Pending
Major Projects from External Agencies (As Required/Applicable)	Pending
Board Policies (As Required/Applicable)	Complete
3 rd Quarter	
Environmental, Social and Governance (ESG) and Socially Responsible Investment (SRI) Strategy Update	Pending
TransLink Federal Gas Tax Report	Complete
Project Delivery Update	Complete

Litigation Updates	Pending
Intergovernmental Communications and Engagement Update	Pending
Major Projects from External Agencies (As Required/Applicable)	Pending
Board Policies (As Required/Applicable)	Pending
4th Quarter	
Annual Budget and Five Year Financial Plan – Regional District Service Areas and Corporate Support	Pending
School and Youth Leadership Program Update	Pending
Major Project Updates	In Progress
Project Delivery Update	Pending
Intergovernmental Communications and Engagement Update	In Progress
Major Projects from External Agencies (As Required/Applicable)	Pending
Board Policies (As Required/Applicable)	In Progress

2021 UBCM Resolutions from Metro Vancouver Regional District Members

Full document: [2021 UBCM Resolutions Book](#)

ER	Extraordinary Resolutions	Considered Individually
SR	Special resolutions	Considered Individually
EB	Endorse Block	Considered As A Block
NE	Not Endorse Block	Considered As A Block
2020 NR	No Recommendation	Considered Individually
NR	No Recommendation	Considered Individually (time permitting), otherwise considered by UBCM Executive
C	Similar to other resolutions	Not Admitted For Debate

Code	Title	Community	MVRD Service
EB3	Enabling Legislation for Green Roofs	North Vancouver District, Port Moody	Air Quality & Climate Change / Liquid Waste / Housing
	<p><i>This asks that the Province amend the Local Government Act to empower local governments with enabling legislation, should they choose to implement it, to expressly require green roofs and enforce the related building standard of construction and maintenance of green roofs, including with security requirements.</i></p> <p><i>This aligns with climate adaptation actions in the draft Climate 2050 Buildings Roadmap, as well as Liquid Waste Services objectives to support local governments in retaining, or detaining, rainwater on site wherever reasonable to do so. Green roofs can buffer stormwater run-off and improve its quality, and also have the potential to regulate temperature during the hotter, drier summers that the region is experiencing due to climate change. In addition, green roofs can also support rainwater harvesting opportunities that may reduce demand for potable water.</i></p>		
EB16	Safe Passing Distance for All Road Users	North Vancouver City	

EB49	BCUC Regulatory Regime and Inquiry into the Regulation of Municipal Energy Utilities	Vancouver	Liquid Waste
	<p><i>This asks that the Province:</i></p> <p><i>(a) re-design the regulatory regime for British Columbia's energy sector, to provide a comprehensive, 21st-Century framework that is grounded in today's urgent priorities and harmonizes fully with the priorities of our communities and their municipal representatives, and (b) maintain or expand the current municipal utility exemption and autonomy to pursue local solutions to local and societal needs, and to enhance the benefits they bring to our communities</i></p> <p><i>MVRD and GVS&DD are Interveners in this BCUC Inquiry and we should support this resolution. While GVS&DD does not currently benefit from the existing local government regulatory exemption, we are submitting to the BCUC that any re-design of the regulatory framework should include GVS&DD within an expanded exempted class. Expansion and clarification of MVRD, municipal, and GVS&DD rights will improve Metro Vancouver and municipalities' ability to flexibly and effectively plan and deliver any future energy-related projects that the Board may approve, in support of Climate 2050 goals.</i></p>		
EB60	Regional Model for Mobile Crisis Response Car Program	White Rock	
NEB1	Support for a Provincial Code of Conduct for Local Government Elected Officials	Port Moody	
2020-NR1	Independent Office of Integrity for Local Government	Maple Ridge	
2020-NR3	Benefits of Public Car Insurance	Burnaby	
NR8	Invoicing for Required Officer Attendance at Hospitals	White Rock	
NR12	Updating BC's Wrongful Death Law	Vancouver	
NR14	Aftermarket Exhaust Systems	West Vancouver	
NR16	Expanding Definitions and Responsibilities of Digital Campaigns	Vancouver	
NR23	Fair Taxation from Railway Operations	Pitt Meadows	

NR24	Review of the BC Assessment Appeal Framework and Process	Coquitlam	
NR25	Fair Taxation from Industrial Parks	Pitt Meadows	Regional Planning
	<p><i>This asks that the Province repeal section 5(f) of the Assessment Act - Prescribed Classes of Property Regulation B.C. Reg. 438/81 to create fair taxation from industrial parks.</i></p> <p><i>Metro Vancouver's Regional Industrial Lands Strategy identifies taxation for industrial lands as a continued concern. As land values increase across the Region it places increased financial pressures on existing industrial operators and land owners. Over the longer term these pressures can force land owners to explore opportunities to change land uses to the "highest and best use", which is generally more focussed on residential than employment based land uses. Opportunities to relieve tax pressures, if explored, is a tool to assist with the preservation of industrial and employment lands across the Region.</i></p>		
NR35	Construction and Demolition Waste Strategy	North Vancouver District	Solid Waste
	<p><i>This asks that the Ministry of Environment and Climate Change Strategy develop a plan, including changes to regulations, provincial procurement policy, and economic and industrial policy, to significantly reduce construction and demolition waste.</i></p> <p><i>This aligns with Metro Vancouver's continued work to promote deconstruction as a waste reduction strategy, and the current development of a Construction Zero Waste Certification program.</i></p> <p><i>This also aligns with Metro Vancouver Housing's efforts to recycle demolition waste generated from the redevelopment of its existing housing sites.</i></p>		
NR36	Single-Use Item Regional Regulation	New Westminster	Solid Waste
	<p><i>This asks that the Province engage with regional governments to develop legislation which would provide regional districts with the legislative authority to restrict the sale and distribution of single-use items.</i></p> <p><i>This aligns with Metro Vancouver member municipalities' attempts to regulate single-use items, and Metro Vancouver's efforts to develop a recommended regional standard.</i></p> <p><i>This also aligns with Metro Vancouver's work to reduce emissions from the waste sector in Climate 2050 through reducing single-use items within the waste stream.</i></p>		
NR37	Right to Repair Legislation	North Vancouver District	Solid Waste

	<p><i>This asks that the Province draft and enact Right to Repair legislation.</i></p> <p><i>This aligns with Metro Vancouver’s prioritization of repair and reuse as a key strategy for reducing waste going to disposal, under the current (and future) regional solid waste management plan.</i></p> <p><i>This also aligns with Metro Vancouver’s work to reduce emissions from the waste sector in Climate 2050 through reducing the amount of waste going to disposal and avoiding embodied emissions from new products purchased.</i></p>		
NR43	BC Hydro Universal Net Metering for Municipalities	Fort St. John	Air Quality & Climate Change/ Liquid Waste / Water
	<p><i>This asks that the UBCM lobby the provincial government to enforce the BCUC's June 23, 2020 Decision on BC Hydro's application to amend Net Metering Service under Rate Schedule 1289 and direct BC Hydro to develop and implement virtual net metering. Current net metering structures limit reimbursement for on-site electricity generation to only the connected meter and prohibit application of excess generation to municipalities’ existing aggregated invoicing.</i></p> <p><i>BC Hydro’s Standing Offer Program (2008) encouraged the development of small clean or renewable electricity projects throughout B.C. Electricity generated under the program was purchased by BC Hydro. In 2019, BC Hydro suspended the program indefinitely. This resolution aligns with Metro Vancouver resource recovery initiatives in that it could improve the business case for the development of electricity generation opportunities at Metro Vancouver sites particularly where generation potential exceeds on-site electricity demand (e.g. Capilano Hydro).</i></p>		
NR40	“Urban Interface Areas” to Address Current Misuse of Toxic Rodenticides	North Vancouver District	
NR45	Inclusion of Allied Health Workers to Help Combat the Opioid Crisis	New Westminster, Victoria	
NR53	Transfer of a Portion of Speculation and Vacancy Tax Revenue to Local Governments	Burnaby	Regional Planning
	<p><i>This asks that the Province distribute directly back to each municipality a portion of the revenue collected, up to the amount collected from each local government, under the Speculation and Vacancy Tax to further affordable housing initiatives within those jurisdictions.</i></p>		

	<i>This aligns with proposed policies in Metro 2050 that advocate to the Province for measures to address housing speculation and increase housing affordability.</i>		
NR64	International Campaign to Abolish Nuclear Weapons	Langley City, White Rock	
C1	Safe Passing Distance for All Road Users	Vancouver	
C2	Provincial Climate Action Funding After CARIP	Richmond	Air Quality & Climate Change
	<p><i>This asks that the Ministry of Municipal Affairs and the Ministry of Environment and Climate Change replace CARIP with a new, non-competitive funding program commencing in the 2022 fiscal year that provides equivalent or better funding to all local governments, enabling them to be effective and accountable partners with the Province.</i></p> <p><i>Please refer to Special Resolution “SR1 – CARIP Replacement Funding”, which has been brought forward by the UBCM Executive in an effort to consolidate the five resolutions (C2-C6) that were submitted this year related to the cancellation of the CARIP program.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C4	CARIP Termination	Langley Township	Air Quality & Climate Change
	<p><i>This asks that the Ministry of Municipal Affairs and the Ministry of Environment and Climate Change develop an alternative to the Climate Action Revenue Incentive Program that provides comparable, non-competitive, annual funding for critical climate action projects, in consultation with municipalities, complete with a transition plan to ensure uninterrupted annual funding is available.</i></p> <p><i>Please refer to Special Resolution “SR1 – CARIP Replacement Funding”, which has been brought forward by the UBCM Executive in an effort to consolidate the five resolutions (C2-C6) that were submitted this year related to the cancellation of the CARIP program.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C8	Provincial Circular Economy Strategy	North Vancouver District	Solid Waste
	<p><i>This asks that the Province develop a provincial circular economy strategy.</i></p> <p><i>This aligns with the Metro Vancouver board’s established support of the Circular Economy principles, as enacted through the National Zero Waste Council (an initiative of Metro Vancouver).</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		

C9	Request to Advocate for Community Climate Action Planning Funding	Port Moody	Air Quality & Climate Change
	<p><i>This asks that the Province commit to providing sustained financial support for local community climate action planning that serves to meet the targets set out by the goals of CleanBC and implement responses to climate impacts throughout British Columbia.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C10	Help Cities Lead	North Vancouver District	Air Quality & Climate Change / Housing
	<p><i>This asks that the Ministry of Environment and Climate Change Strategy, Ministry of Municipal Affairs, Ministry of Finance, Ministry of Energy Mines and Low Carbon Innovation (EMLCI), and Attorney General and Ministry responsible for Housing move as quickly as possible and in close consultation with local governments to develop and implement the first three measures:</i></p> <p><i>I. Regulating GHG emissions for new buildings;</i></p> <p><i>II. Home energy labelling; and</i></p> <p><i>III. Property assessed clean energy (PACE) enabling legislation;</i></p> <p><i>And be it further resolved that the Province enable local governments to choose, when ready, to opt into the remaining two measures:</i></p> <p><i>I. Regulating GHG emissions for existing buildings;</i></p> <p><i>II. Building energy benchmarking and reporting.</i></p> <p><i>Please refer to similar Resolution “EB35 – Help Cities Lead”. These related resolutions are closely aligned with the strategies and actions in Metro Vancouver’s draft Climate 2050 Buildings Roadmap.</i></p> <p><i>At its meeting on April 16, 2021, the Climate Action Committee endorsed the recommendation that the MVRD Board write letters expressing its support for the Help Cities Lead campaign, to five Provincial Ministers. A response was subsequently received from the Provincial Government indicating that the policy areas highlighted in the letter from the Board Chair represent priority areas for the Province.</i></p> <p><i>This aligns with Metro Vancouver Housing’s 10-Year Plan target to reduce GHG emissions in its housing portfolio by 45% (from 2010 levels) over the next 10 years and to work towards the region’s goal of being carbon neutral by 2050.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C15	Protection of Old Growth Forests	North Vancouver District	Water

	<p><i>This asks that the Province immediately defer logging in all high productivity, rare, oldest, and most intact old growth forests as recommended by the Old Growth Strategic Review, until all 14 of the panel's recommendations have been implemented.</i></p> <p><i>Old Growth forests have been identified in the Water Supply lands as conservation areas. There is a moratorium on Old Growth harvesting in all of the GVWD Water Supply Lands. This aligns with MV Board goals.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C16	Old Growth Logging	Port Moody	Water
	<p><i>This asks that the Province immediately defer logging in all at risk old-growth forests, as identified by the independent Old Growth Strategic Review panel until all 14 of the panel's recommendations have been implemented, and support the transition of affected local communities toward more sustainable jobs.</i></p> <p><i>Old Growth forests have been identified in the Water Supply lands as conservation areas. There is a moratorium on Old Growth harvesting in all of the GVWD Water Supply Lands. This aligns with MV Board goals.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C20	Accelerated South of the Fraser Transit Service Improvements	Langley Township	Regional Planning, Air Quality & Climate Change
	<p><i>This asks that the Province work with TransLink to accelerate the expansion of transit services South of Fraser, including expediting the construction of planned rapid transit infrastructure and increasing bus service to ensure that residents have access to cleaner transportation modes, and, allow municipalities to meet their emissions reduction targets, including activating the South Fraser Community Inter-Urban rail corridor to Chilliwack and/or other rail corridors that would meet the needs of the growing population.</i></p> <p><i>Outcomes from this resolution would have impact on the update to the regional growth strategy amendments given the new focus on regional resilience, flooding, vulnerability and natural hazards, and meeting Metro Vancouver's greenhouse gas emissions reduction targets.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C21	Emergency Medical Response and Better Pre-hospital Care for Our Residents	Port Moody	

2020 UBCM Resolutions from FVRD/SLRD (LMLGA members)

Code	Title	Community	MVRD Service
EB12	Civil Forfeiture Proceeds	Chilliwack	
EB19	Vacant Land Property Tax	Lillooet	Regional Planning
	<p><i>This asks that the Province amend the Community Charter to allow all BC local governments to set tax rates on vacant land at a higher rate than non-vacant land (such as the Vacancy Tax provision of s.616 of the Vancouver Charter).</i></p> <p><i>This aligns with Metro 2050 draft policy 4.2.6 which states that Metro Vancouver will advocate to the province for expanded measures to address housing speculation and vacant homes as a means of increasing long-term rental options, and bringing unoccupied housing into the secondary rental market. This proposed policy advocates in part for legislative amendments that would allow all BC local governments to impose Vacancy Taxes similar to the City of Vancouver's Empty Homes Tax. An amendment was made to the Vancouver Charter to enable this power in the City of Vancouver in 2016. Other Metro Vancouver member jurisdictions have expressed their desire to implement similar measures.</i></p>		
EB23	Funding Support to Manage Post COVID-19 Pandemic Tourism	Pemberton	Regional Parks / Water
	<p><i>This asks that the Province provide funding to the provincial ministries responsible for managing parks, crown lands, and recreation sites and to local governments to assist in establishing sustainable tourism policies and programs to ensure that visitor use of lands and natural resources is done in a manner that protects the natural environment in perpetuity.</i></p> <p><i>This aligns with the goals and strategies outlined in the Lower Seymour Conservation Reserve Management Plan and supports direction in the Regional Parks Plan, the Greenways 2050 Strategy, and the Board-approved Regional Parks Public Programming Strategy.</i></p> <p><i>This initiative also supports the Board Strategic Plan's direction to foster collaboration and partnerships and advance our mission to protect and connect the regional park system.</i></p>		
EB30	Illegal Dumping	Chilliwack	Solid Waste
	<p><i>This asks that the Province designate a single Ministry as responsible for regulation of illegal dumping in the Province, including enforcement of said regulations and cleanup and removal of dumped waste, and requests that the Province provide adequate</i></p>		

	<p><i>funding to the designated Ministry to ensure minimum staffing levels can be maintained in all areas of the Province to address the issue of illegal dumping.</i></p> <p><i>This aligns with the efforts of Metro Vancouver and its member municipalities to reduce illegal dumping.</i></p>		
EB31	Illegal Dumping in Rural Areas	Fraser Valley Regional District	Solid Waste
	<p><i>This asks that the Ministry of Environment and Climate Change Strategy increase resources and strategies to address illegal dumping in rural and backcountry areas and on Crown land and strengthen its partnerships with local governments to more effectively combat this growing problem.</i></p> <p><i>This aligns with the efforts of Metro Vancouver and its member municipalities to reduce illegal dumping.</i></p>		
EB34	Agricultural Plastics Recycling Program in BC	Kent	Solid Waste
	<p><i>This asks that the Ministry of Agriculture and Ministry of Environment and Climate Change prioritize resolving the problem of agricultural plastics waste by establishing a Plastics Recycling Program for agricultural plastics.</i></p> <p><i>This aligns with Metro Vancouver's longstanding requests for expansion of existing Extended Producer Responsibility programs, and of the recommendations of the National Zero Waste Council through its Plastics Advisory Panel.</i></p> <p><i>This also aligns with Metro Vancouver's work to reduce emissions from the waste sector in Climate 2050 through enhancing diversion of plastics from the waste stream.</i></p>		
EB35	Help Cities Lead	LMLGA Executive	Air Quality & Climate Change / Housing
	<p><i>This asks that the Province immediately introduce legislation supporting the three measures identified by Help Cities Lead and addressed in ministerial mandate letters: GHG requirements for new buildings, PACE financing, and home energy labelling.</i></p> <p><i>In addition, this asks that the Province introduce empowering legislation to permit local governments who so choose to implement the remaining two measures identified in the Help Cities Lead's campaign: GHG requirements for existing buildings and building energy benchmarking.</i></p> <p><i>This resolution is aligned with the strategies and actions in Metro Vancouver's draft Climate 2050 Buildings Roadmap. (Note that similar Resolution C10 on Help Cities Lead was put forward by North Vancouver District, but will not be considered at the Convention).</i></p>		

	<p><i>For context, at its meeting on April 16, 2021, the Climate Action Committee endorsed the recommendation that the MVRD Board write letters expressing its support for the Help Cities Lead campaign, to five Provincial Ministers. A response was subsequently received from the Provincial Government indicating that the policy areas highlighted in the letter from the Board Chair represent priority areas for the Province.</i></p> <p><i>This aligns with Metro Vancouver Housing's 10-Year Plan target to reduce GHG emissions in its housing portfolio by 45% (from 2010 levels) over the next 10 years and to work towards the region's goal of being carbon neutral by 2050.</i></p> <p><i>This aligns with AQCC work and MV priorities, particularly with respect to GHG emissions for new and existing buildings and building energy benchmarking. There is also a similar resolution at C10 (C resolutions not admitted for debate).</i></p>		
EB45	Watershed Security	LMLGA Executive	Water
	<p><i>This asks that the Province create a dedicated, sustainable, annual funding source for the Watershed Security Fund that provides \$75 million annually for community driven watershed security initiatives.</i></p> <p><i>This aligns with the goals and strategies outlined in the Water Services Watershed Security Review and could assist with funding of longer term initiatives.</i></p>		
EB48	Rural Broadband Connectivity	Fraser Valley RD	
NR1	Parental Leave for Elected Officials	Squamish-Lillooet RD	
NR4	Criminal Justice Reform for Repeat, Convicted Offenders	Lillooet	
NR18	BC Provincial Sales Tax on Non-Medical PPE	Harrison Hot Springs	
NR32	Renewed Vision for Fraser River Estuary	LMLGA Executive	Liquid Waste / Intergovernment Relations
	<p><i>This asks that the federal and provincial governments allocate the necessary resources and appropriately fund and support a renewed Fraser River Estuary Management planning process that will collectively protect the ecosystem of the Estuary through inter-agency collaboration, with a planning process including, but not limited to: First Nations, federal government and provincial governments.</i></p> <p><i>This aligns with Liquid Waste Services objectives to better understand the nature of any impacts of regional liquid waste management, including combined sewer overflows, on the health of local aquatic ecosystems such as the Fraser River. This work</i></p>		

	<p><i>should consider both “conventional” contaminants as well as Constituents of Environmental Concern (CECs) such as microplastics and microfibers.</i></p> <p><i>In late 2020, Metro Vancouver’s Board of Directors proposed the establishment of a task force to consider a holistic model of collaboration between government agencies, First Nations, NGOs and stakeholders for industry to promote ecological resiliency, responsible resource management and conservation and sustainability for the Burrard Inlet and Fraser River Estuary. Inter-agency collaboration could help improve efficiency, data collection and information sharing, cross-jurisdiction coordination, and resource capacity.</i></p>		
NR41	Alternatives to Agricultural Burning	Chilliwack	Air Quality & Climate Change
	<p><i>This asks that the Province develop and fund a program for the agriculture sector to support and incentivize the implementation of alternatives to the burning of agricultural vegetative debris.</i></p> <p><i>This resolution aligns with Metro Vancouver’s innovative work on encouraging the use of alternatives to open-air burning for the management of agricultural vegetative debris, which is currently being supported through the MVRD Sustainability Innovation Fund.</i></p> <p><i>At its meeting on June 11, 2021, the Climate Action Committee received a report that included an assessment of the air contaminant and greenhouse gas emissions from the management of agricultural vegetative debris. The assessment indicated that alternative options offer emission reductions compared to open-air burning, which aligns with Metro Vancouver’s goals to reduce agricultural emissions (per the Agriculture Discussion Paper and Board Strategic Plan). The long-term availability of a program has been identified as an important factor for uptake by this sector. The development of a program and implementation of actions that build on Metro Vancouver’s foundational work would benefit from financial support from senior levels of government.</i></p>		

Non-LMLGA Member Resolutions

Code	Title	Community	MVRD Service
SR1	CARIP Replacement Funding	UBCM Executive	Air Quality & Climate Change
	<p><i>This asks the Province to immediately develop a CARIP replacement program which provides annualized, formula based funding with maximum flexibility on eligible projects.</i></p> <p><i>This resolution aligns with MVRD Board resolutions related to the cancellation of the provincial Climate Action Revenue Incentive Program, and the need for a replacement program.</i></p>		

	<p><i>At its meeting on May 26, 2021, the Mayors Committee considered a staff report on the cancellation of the CARIP program, leading to the subsequent adoption of a resolution by the MVRD Board at its meeting of May 28, 2021 that authorized the Board Chair to write a letter to the Provincial Government to request replacement of the CARIP with an improved program with payments to start in 2022 without conditions; and referred the matter of the cancellation of the CARIP program to the Climate Action Committee. At its meeting on June 11, 2021, the Climate Action Committee received a staff report on this topic, and the MVRD Board subsequently authorized the Board Chair to write a follow-up letter to the Provincial Minister of Municipal Affairs, Minister of Environment and Climate Change Strategy, and Minister of Finance, regarding the cancellation of the Climate Action Revenue Incentive Program, providing details on key elements to be retained in a replacement program and suggested improvements</i></p> <p><i>Note that this Special Resolution “SR1 – CARIP Replacement Funding” was brought forward by the UBCM Executive in an effort to consolidate the five resolutions (C2-C6) that were submitted this year related to the cancellation of the CARIP program. (Those similar resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
SR2	Forest Management in BC	UBCM Executive	Water
	<p><i>This asks that the Province engage and consult with local governments and Indigenous communities as it moves forward to implement recommendations within the Modernizing Forest Policy in BC Intentions Paper, including matters related to old growth designations and deferrals, recognizing that there will be implications and impacts for workers and communities that will require economic transition support.</i></p> <p><i>Old Growth forests have been identified in the Water Supply lands as conservation areas. There is a moratorium on Old Growth harvesting in all of the GVWD Water Supply Lands. This aligns with MV Board goals.</i></p>		
SR3	Strengthening Responsible Conduct	UBCM Executive	Regional District
	<p><i>This asks that the Province:</i></p> <ul style="list-style-type: none"> <i>• Introduce a legislative requirement that all local governments in British Columbia must consider the adoption or updating of a Code of Conduct at least once early in each new term of office;</i> <i>• Work collaboratively with UBCM and others to consider the design of a mandatory educational module that would support responsible conduct by local elected officials;</i> <i>• Update the oath of office prescribed by regulation to embed the foundational principles identified by the Working Group on Responsible Conduct; and</i> <i>• Provide guidance for local governments that have established an oath of office by bylaw so that these oaths may be updated with the same foundational principles for responsible conduct.</i> 		

	<i>Other jurisdictions in Canada have implemented similar codes of conduct and integrity offices; Metro Vancouver considers this appropriate for local governments in British Columbia as well.</i>		
EB4	Local Government Act - Section 744 - Most Extreme Climate Change Risk	Lake Country, Powell River	Air Quality & Climate Change / Liquid Waste
	<p><i>This asks that the Province amend Section 744 of the Local Government Act to: remove the words "breakdown or malfunction"; include language consistent with other provincial legislation, such as, inter alia. Section 528 of Alberta's Municipal Government Act, RSA 2000, c. M-26 and Section 340 of Saskatchewan's The Municipalities Act, 5.5. 2005, c. M-36.1; and read as follows: A municipality, municipal council, regional district, regional district board, improvement district or greater board is not liable in any action based on nuisance or on the rule in the Rylands v. Fletcher case if the damages arise, directly or indirectly, out of the operation or non-operation of:</i></p> <p><i>(a) a sewer system,</i></p> <p><i>(b) a water or drainage facility or system, or</i></p> <p><i>(c) a dike or a road.</i></p> <p><i>In general, amendment of section 744 of the LGA: risk for local governments based on infrastructure being overwhelmed due to the effects of climate change is significant. This resolution is intended to reduce our liability in those instances and should be supported.</i></p>		
EB6	Flood Mitigation Response	Okanagan Similkameen RD	Electoral Area / Regional Planning / Liquid Waste
	<p><i>This asks that the Province develop programs that take a proactive approach to flood mitigation rather than continuing to try to download additional responsibilities on local governments that are ill-equipped and lacking in financial capacity to address these situations in a proactive manner that best respects the residents and the environment.</i></p> <p><i>This supports Metro Vancouver's interests to better protect communities and infrastructure from flood risk through improved approaches to governance.</i></p>		
EB13	Medical Cannabis Production Sites	Cowichan Valley RD	Air Quality & Climate Change
	<i>This asks that Canada work with local governments to establish a framework for sharing information and coordinating services in relation to medical cannabis production sites to foster the economic, social and environmental well-being of communities.</i>		

	<i>This complements Metro Vancouver's ongoing work to mitigate threats to public health and the environment in regional communities with respect to air emissions from the commercial production and processing of cannabis following the legalization of its recreational use by the federal government in 2018.</i>		
EB21	Flexibility of Grant Programs	Cowichan Valley RD	Intergovernment Relations
	<p><i>This asks that the governments of British Columbia and Canada coordinate their efforts across all grant program streams to establish more consistent and flexible application criteria and deadlines, simplified reporting requirements and provide funding for the general administration of grant programs.</i></p> <p><i>Funding programs often have inconsistent criteria and timelines, which can be disrupted whenever there is a change in government. This uncertainty undermines long-term planning and often results in delays and cost increases to essential projects. Metro Vancouver is support of predictable, equitable cost-sharing on critical infrastructure projects.</i></p>		
EB25	Development Cost Charges for Local Government Facilities	Lantzville	Financial Services / Regional Planning
	<p><i>This asks that the Ministry of Municipal Affairs amend the Local Government Act, Part 14, Division 19 [Development Costs Recovery] to authorize a local government to impose a development cost charge for local government facilities.</i></p> <p><i>This aligns with the principles of the Board Strategic Plan, more specifically, for growth to pay for growth.</i></p> <p><i>This resolution is important as the Regional Growth Strategy seeks to ensure more affordable housing across the Region. Changes to the DCC legislation has to opportunity to support the policies of the Regional Growth Strategy for more affordable housing by allowing local governments to be able to collect monies for more amenities and allow for the density bonus tool to be focussed on housing opportunities.</i></p>		
EB28	Watershed Stewardship in British Columbia	Vanderhoof	Water/ Liquid Waste / Regional Parks
	<p><i>This asks that the Province work with local governments and NGOs to define the authorities and responsibilities while providing adequate resources needed to ensure proper watershed stewardship.</i></p> <p><i>This aligns with Liquid Waste Services objectives to: (1) support local governments in watershed management, including through the development of Integrated Stormwater Management Plans as identified in the Integrated Liquid Waste and Resource Management Plan; and (2) better define regional and local responsibilities in drainage area planning (in situations where a regional drainage area has been established).</i></p>		

	<p><i>This also aligns with Water Services goals and objectives with in the Drinking Water Management Plan to support and work with local governments and member municipalities to supply clean, safe drinking water while protecting the Water Supply Lands.</i></p> <p><i>This initiative also supports the Board Strategic Plan's direction to foster collaboration and partnerships and advance our mission to protect and connect the regional park system.</i></p>		
EB29	Drinking Water Protection and Private Managed Forest Land	Cumberland	Water
	<p><i>This asks that the Province establish programs for local governments to work with private managed forest landowners to assess risks to drinking water systems and priority land acquisition for lands where harvesting is identified as a significant risk to the provision of safe drinking water.</i></p> <p><i>The GVWD Water Supply lands are either fee simple owned lands or covered under a 999-year lease with the Province. No other private parties have access to the GVWD Water supply lands for harvesting.</i></p>		
EB32	Illegal Dumping in Electoral Areas	Nanaimo RD	Solid Waste
	<p><i>This asks that the Ministry of Environment and Climate Change Strategy report out on the action of the provincial working group, review resources and strategies for addressing illegal dumping and optimize partnerships with local governments to more effectively combat this problem.</i></p> <p><i>This aligns with the efforts of Metro Vancouver and its member municipalities to reduce illegal dumping.</i></p>		
EB33	Industrial, Commercial and Institutional Sector Recyclables	East Kootenay RD	Solid Waste
	<p><i>This asks that the Province amend the Recycling Regulation to require inclusion of the Industrial, Commercial and Institutional sectors in the Packaging and Paper Products Extended Producer Responsibility programs.</i></p> <p><i>This aligns with Metro Vancouver's prior requests that the Province consider whether an expansion of EPR program for packaging and paper products to the commercial/institutional sector is warranted, and the potential benefits and challenges of such an expansion. This issue primarily affects rural municipalities where recycling of commercial cardboard is expensive due to lack of processing infrastructure and high transportation costs.</i></p>		
EB36	Property Tax Assisted Clean Energy (PACE)	Fernie	Air Quality & Climate Change / Housing

	<p><i>This asks that the Ministry of Environment, the Minister of Energy, Mines and Low Carbon Innovation, the Minister of Municipal Affairs, Minister of Housing and PACE BC support BC legislation enabling PACE by third-party administration and confirming the interest of all BC municipalities in having a PACE program when it becomes available in BC.</i></p> <p><i>This is related to Resolution “EB35 – Help Cities Lead”. Both resolutions are closely aligned with the strategies and actions in Metro Vancouver’s draft Climate 2050 Buildings Roadmap. In particular, Property Tax Assisted Clean Energy financing is identified as a potentially impactful financing tool for low carbon upgrades to existing buildings.</i></p> <p><i>This aligns with Metro Vancouver Housing’s 10-Year Plan target to reduce GHG emissions in its housing portfolio by 45% (from 2010 levels) over the next 10 years and to work towards the region’s goal of being carbon neutral by 2050.</i></p>		
EB37	Developing a Vision to End Energy Poverty	Powell River	Housing
	<p><i>This asks that the Province set a clear vision and targets to end energy poverty in BC within the next ten years, taking action on the three key drivers of energy poverty: low incomes, high energy costs, and poor energy efficiency in homes.</i></p> <p><i>This aligns with Metro Vancouver Housing’s 10-Year Plan target to reduce energy consumption by 25% for major rehabilitations, such as building envelope upgrades, and for new construction projects, as well as Metro Vancouver Housing’s overall mandate to provide affordable rental housing at below-market rates and rates based on tenant’s incomes. Metro Vancouver Housing utilizes sustainable design and construction methods to develop housing that is energy efficient and reduces utility costs for tenants. Where necessary MVH provides allowances to subsidized tenants to offset their energy costs and increase overall affordability. Metro Vancouver Housing is also advocating to BC Hydro for reduced energy costs for the affordable housing sector.</i></p>		
EB38	BC Circular Economy Strategy	Nanaimo City, Victoria	Solid Waste
	<p><i>This asks that the Province develop a provincial Circular Economy strategy.</i></p> <p><i>This aligns with the Metro Vancouver board’s established support of the Circular Economy principles, as enacted through the National Zero Waste Council (an initiative of Metro Vancouver).</i></p>		
EB41	New Provincial Trails Strategy	Revelstoke	Regional Parks
	<p><i>This asks that the Province, as part of the process to approve and update the trails strategy for British Columbia, implement the following measures:</i></p> <ul style="list-style-type: none"> <i>• Adopt the recommendations from the Provincial Trails Advisory Body.</i> <i>• Confirm adequate provincial support for the implementation of the trails strategy.</i> 		

	<i>The general recommendations that are attached in the Provincial Trails Strategy consultation summary align with the MV Greenways 2050, the regional greenways strategy approved by the Board for the Metro Vancouver Region.</i>		
EB43	Local Control of Land Use Practices	Kootenay Boundary RD	Regional Planning
	<p><i>This asks that the Province initiate a process intended to establish improved government-to-government collaboration with local governments regarding land use planning initiatives on crown land.</i></p> <p><i>Any outcome from this resolution would have an impact on advocacy policies within the Regional Growth Strategy.</i></p>		
EB44	Risk Assessments of Potential Threats to Natural Assets	Gibsons	Water / Liquid Waste
	<p><i>This asks that the Province, in their consideration of industrial projects on Crown land, include a referral to affected local governments and undertake risk assessments to identify and assess any potential threats to the natural assets that communities rely on to provide essential services such as drinking water and flood mitigation.</i></p> <p><i>This aligns with Liquid Waste Services objectives to support local governments in protection of local water bodies, including urban streams and creeks, through effective watershed planning via processes that include Integrated Stormwater Management Plans as defined in the Integrated Liquid Waste and Resource Management Plan.</i></p> <p><i>This also aligns with Water Services objectives to support the protection of the Regions, drinking water source supply reservoir's and its plans to assess and quantify all GVWD natural assets.</i></p>		
EB52	Tree Management in Electoral Areas	Nanaimo RD	Regional Parks/ Water
	<p><i>This asks that the Ministry of Municipal Affairs amend the Local Government Act to provide broader tree management authority to regional districts equivalent to the authority granted by legislation to municipalities.</i></p> <p><i>This will align with proposed Tree Management Policy and related standards for lands owned and managed by Metro Vancouver. No further authority is required for MV to move forward with its policy.</i></p>		
EB53	Multi-Jurisdictional Cooperation	Okanagan Similkameen RD	Regional District
	<i>This asks that the Province develop a formal multi-jurisdictional process for working in conjunction with lead agencies and governing bodies to resolve outstanding regulatory enforcement issues, by joint cooperation of the various government agencies.</i>		

EB77	Provincial Support for TRC, MMIWG2S and UNDRIP	Victoria	Indigenous Relations
	<p><i>This asks that the Province provide support and equitable access to funding for trauma-informed, Indigenous-led education, training, and policy guidance for local governments and associated law enforcement and emergency services to implement local government-specific recommendations from the TRC, MMIWG2S, and UNDRIP.</i></p> <p><i>Metro Vancouver supports this UBCM resolution given the MVRD Board members' support for implementing the Truth and Reconciliation Commission's 94 Calls to Action and the United Nations Declaration on the Rights of Indigenous Peoples.</i></p>		
NEB2	Acceptance of Regional Growth Strategy	Cowichan Valley RD	Regional Planning
	<p><i>This asks that the Province amend the Local Government Act to add a requirement for adjacent municipalities to accept a proposed Regional Growth Strategy, or amendment thereto, in addition to the board of the adjacent regional district.</i></p> <p><i>Outcomes from this resolution would have impact on future regional growth strategy amendments and the preparation of a new strategy at its next review. To apply this level of scrutiny to an amendment or new Regional Growth Strategy would be onerous and create significant concern for Regional Planning operations.</i></p>		
NR20	Regional District Requisitions to Municipalities	Parksville	Financial Services
	<p><i>This asks that the Province change the Local Government Act section 386 (1) (c) notwithstanding section 386 (1) (a), in the case of an amount to be recovered where the charge to be recovered is itself based on a volume flow charge, the option is available to impose a fee based on the flows used or consumed by the tax base.</i></p> <p><i>This resolution requests that municipalities have additional apportionment options, that differ from Property Value Taxes and Parcel Taxes, for the purposes of collecting for Regional District services (not GVWD/GVS&DD). Metro Vancouver member jurisdictions may support having additional options.</i></p>		
NR26	Incentivizing Green Energy Production	Logan Lake	Air Quality & Climate Change
	<p><i>This asks that that a new classification be created by BC Assessment Authority to recognize low carbon-emitting energy production in BC.</i></p> <p><i>Low carbon-emitting energy is important to meeting climate action goals, and is therefore aligned with Climate 2050.</i></p>		
NR27	Reform of the BC Utilities Commission	Powell River	Air Quality & Climate Change

	<p><i>This asks that the Province amend and modernize the Utilities Commission Act, expanding the scope of the BCUC's mandate and giving it clear direction to consider environmental, equity, resilience, and reconciliation objectives in its decision-making.</i></p> <p><i>This aligns with actions and strategies being considered in the draft Climate 2050 Energy Roadmap. While the BCUC is currently required to consider British Columbia's emission reduction targets, it is unclear how this is prioritized against other objectives that the BCUC considers, such as affordability. Giving the BCUC clear direction to prioritize climate action, equity, resilience and reconciliation objectives in its decision-making will support Metro Vancouver in its efforts to take action on climate within Climate 2050.</i></p>		
NR28	Green Energy	Nakusp	Regional District
	<p><i>This asks that the BC Utilities Commission be required to provide availability and options for municipalities to obtain green energy through BC Hydro, a cooperative, municipal utility, or other means, and to work with BC Hydro and municipalities with regulatory needs required to meet these goals.</i></p> <p><i>This could enable local governments to procure zero-carbon (rather than low-carbon) electricity, which could reduce their corporate carbon footprint.</i></p>		
NR29	Clean and Renewable Energy Regulatory Framework	Cumberland	Regional District
	<p><i>This asks that the Province explore changes to the regulatory framework to support communities in partnering with BC Hydro to provide safe reliable clean energy and to generate revenue sources to support local economies.</i></p> <p><i>This resolution is similar to NR28, and could support local governments by providing access to zero-carbon (rather than low-carbon) electricity.</i></p>		
NR31	Contaminants Released from Wastewater Treatment Plants	Powell River	Liquid Waste
	<p><i>This asks that the Province and the Government of Canada establish sampling protocols and introduce specific measures for monitoring and reducing levels of contaminants of emerging concern (CECs) from wastewater treatment plants in order to prevent adverse impacts to human and wildlife health in three receiving environments: air, water and land.</i></p> <p><i>This aligns with Liquid Waste Services objectives to better understand the sources and impacts of, and take action to reduce any effects of, CECs on the environment, including the complementary roles of wastewater treatment, source control and public education.</i></p>		

NR54	Acquisition of Apartment Buildings for Affordable Housing	Victoria	Housing / Regional Planning
	<p><i>This asks that the Province work with local communities, the not-for-profit sector and other partners on a program of land banking purpose-built rental apartment buildings, to preserve and renew this essential component of the affordable rental housing supply.</i></p> <p><i>This aligns with Metro 2050 Strategy 4.2 to expand, retain, and renew rental housing supply and protect tenants. As well, the Metro Vancouver Housing 10-Year Plan states that Metro Vancouver Housing will pursue opportunities to expand its housing portfolio through redevelopment of existing sites, partnerships, and acquisition of new housing sites, buildings, and/or units.</i></p>		
NR56	Funding for Regional Housing	Nelson	Regional Planning
	<p><i>This asks that the Province implement a consistent and sustainable funding model for municipalities and regional districts for the implementation of findings of regional housing assessments, so as to increase housing availability across BC in both municipalities and regional districts.</i></p> <p><i>This aligns with proposed Metro 2050 policies which advocate for increased, long-term, portfolio-based, and sustainable capital and operating funding to meet current and anticipated housing needs as determined by housing needs reports or assessments.</i></p>		
NR57	Housing Needs Reports	Okanagan Similkameen RD	Regional Planning
	<p><i>This asks that the Province amend the Local Government Act, Division 22, Section 585.11 to make Housing Needs Reports discretionary in the future, rather than mandatory.</i></p> <p><i>This does not align with Metro Vancouver's regional approach to Housing Needs Reports, whereby Metro Vancouver has committed to assist its member jurisdictions in collecting information and data to assist in the development of Housing Needs Reports that will ensure that local housing policy decisions are based on the most recent housing needs, data and market conditions. In addition, Metro 2050 proposes policies that will require that member jurisdiction housing action plans be aligned with housing needs reports and reviewed in accordance with these every 5-10 years.</i></p>		
NR61	Community to Community Forum Grants	Port Hardy	Regional District / Indigenous Relations
	<p>Open and continuing conversation between local governments and First Nations governments is critical to further reconciliation. This asks that UBCM allow the Regional Community to Community Forum grants not be subject to specific deadlines but be made available throughout the year, and that those granted funds be available for a full calendar year.</p>		

	<i>Metro Vancouver supports this UBCM resolution aiming at facilitating relationship building between local governments and First Nations. Metro Vancouver has benefited from the UBCM grants in the past when coordinating Community to Community Forums with local First Nations. Metro Vancouver also supports the idea of making the grants available throughout the year, as this would provide more flexibility to local governments and First Nations with the event coordination and planning efforts.</i>		
C3	Provincial Climate Action Funding After CARIP	Saanich	Air Quality & Climate Change
	<p><i>This asks that the Ministry of Municipal Affairs and the Ministry of Environment and Climate Change Strategy replace CARIP with a new, consistent, non-competitive funding program commencing in the 2022 fiscal year, informed by engagement with local governments and that provides them with equivalent or better funding, enabling them to be effective and accountable partners with the Province in achieving Provincial and local government climate goals and targets.</i></p> <p><i>Please refer to Special Resolution “SR1 – CARIP Replacement Funding”, which has been brought forward by the UBCM Executive in an effort to consolidate the five resolutions (C2-C6) that were submitted this year related to the cancellation of the CARIP program.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C5	Termination of Climate Action Revenue Incentive Program (CARIP)	Nanaimo RD	Air Quality & Climate Change
	<p><i>This asks that the Ministry of Municipal Affairs and the Ministry of Environment and Climate Change work with local governments (or a representative group) to support all local governments implementing climate action initiatives by replacing CARIP with a new non-competitive funding program commencing in the 2022 fiscal year that provides equivalent or better funding to communities of all sizes, enabling local and regional governments to be effective and accountable partners with the Province in achieving the Province’s GHG reduction target.</i></p> <p><i>Please refer to Special Resolution “SR1 – CARIP Replacement Funding”, which has been brought forward by the UBCM Executive in an effort to consolidate the five resolutions (C2-C6) that were submitted this year related to the cancellation of the CARIP program.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C6	Postpone Termination of CARIP Funding	AVICC Executive	Air Quality & Climate Change
	<p><i>This asks that the Minister of Municipal Affairs postpone the termination of Climate Action Revenue Incentive Program funding until such time as local governments have been adequately consulted on continued provincial support for the provision of greener and more livable communities.</i></p>		

	<p><i>Please refer to Special Resolution “SR1 – CARIP Replacement Funding”, which has been brought forward by the UBCM Executive in an effort to consolidate the five resolutions (C2-C6) that were submitted this year related to the cancellation of the CARIP program.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C7	Circular Economy Strategy	Nelson	Solid Waste
	<p><i>This asks that the Province develop a provincial circular economy strategy.</i></p> <p><i>This aligns with the Metro Vancouver board’s established support of the Circular Economy principles, as enacted through the National Zero Waste Council. (an initiative of Metro Vancouver).</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C11	Province-Wide Strategy to Manage Construction and Demolition Waste	Nanaimo City, Nelson	Solid Waste / Housing
	<p><i>This asks that the Ministry of Environment and Climate Change Strategy develop a plan, including changes to regulations, provincial procurement policy, and economic and industrial policy, to significantly reduce construction and demolition waste.</i></p> <p><i>This aligns with Metro Vancouver’s continued work to promote Deconstruction as a waste reduction strategy, and the current development of a Construction Zero Waste Certification program.</i></p> <p><i>This aligns with Metro Vancouver Housing’s efforts to recycle demolition waste generated from the redevelopment of its existing housing sites.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		
C12	Right to Repair	Nanaimo City, Nelson, Victoria	Solid Waste
	<p><i>This asks that the Province draft and enact Right to Repair legislation.</i></p> <p><i>This aligns with Metro Vancouver’s prioritization of repair and reuse as a key strategy for reducing waste going to disposal, under the current (and future) regional solid waste management plan.</i></p> <p><i>(Note that resolutions in Section C will not be considered during the UBCM Convention).</i></p>		



July 8, 2021

Ref: 266847

Bryan Shoji
Metro Vancouver Regional District
Director, Project Delivery, Liquid Waste Services
4730 Kingsway
Burnaby, BC V5H 0C6

Dear Bryan Shoji:

Re: Investing in Canada Infrastructure Program (ICIP) – Environmental Quality (EQ) Program
Project # IG0212 - Tertiary Treatment Facility at North Shore Wastewater Treatment Plant

Thank you for your application for funding under the ICIP – Environmental Quality Program (ICIP–EQ).

We would like to advise that, after careful consideration, the above-noted project was not selected for funding under the ICIP–EQ.

The program received significantly more applications than could be funded. This decision does not reflect on the importance of this project for your community, but rather the degree by which the program has been oversubscribed. All applications were equitably reviewed and given consideration for funding. If you have any questions, please contact Jyoti Upadhyaya, ICIP–EQ Lead, by email at: Jyoti.Upadhyaya@gov.bc.ca.

Additional program information can be found at the Investing in Canada Infrastructure Program website: www.gov.bc.ca/Investing-in-Canada-Infrastructure-Program. Should future funding become available, staff are pleased to provide advice on preparing an application.

...2

Thank you for your interest in the ICIP–EQ. We wish you every success with your community project.

Best regards,

A handwritten signature in blue ink, appearing to read "B. Bedford", enclosed within a blue oval.

Brian Bedford
Executive Director, Local Government Infrastructure and Finance

To: Finance and Intergovernment Committee

From: Water Committee

Date: June 22, 2021

Meeting Date: September 8, 2021

Subject: **Coquitlam Lake Water Supply – Project Update**

At its July 15, 2021 meeting, the Water Committee considered the attached report dated June 22, 2021, titled “Coquitlam Lake Water Supply – Project Update” and endorsed option 4 – North Intake Initial Filtration to be carried forward through Permitting and Regulatory Phase into Preliminary Design.

At the July 30, 2021 GVWD Board meeting, a motion was passed to defer the “Coquitlam Lake Water Supply – Project Update” report to the September 8, 2021 Finance and Intergovernment Committee.

This report is before the Finance and Intergovernment Committee for information and to seek its feedback which will then be forwarded to the GVWD Board for consideration.

Attachment

“Coquitlam Lake Water Supply – Project Update”, dated June 22, 2021 (*Doc# 46222014*)

To: Water Committee

From: Bob Cheng, Project Manager, Coquitlam Water Supply, Project Delivery

Date: June 22, 2021 Meeting Date: July 15, 2021

Subject: **Coquitlam Lake Water Supply – Project Update**

RECOMMENDATION

That the GVWD Board endorse Option 4 North Intake Smaller Initial Filtration to be carried forward through Permitting and Regulatory Phase into Preliminary Design.

EXECUTIVE SUMMARY

In October 2018, the GVWD Board endorsed the North Intake – Phased Filtration option to be carried forward into Project Definition for the Coquitlam Lake Water Supply Project. This is an important, complex project that is needed to meet projected future water demands, even with increased water conservation measures. Since the 2018 Board option endorsement, Project Definition and Value Engineering have been completed and this project update is part of the new Project Delivery stage gate process. This recent work has determined that the 2018 Board endorsed option, with some minor modifications, is still the preferred option (Option 4 – North Intake Smaller Initial Filtration). Option 4 provides some life cycle and capital cost savings compared to the 2018 endorsed option.

Engagement with First Nations, stakeholders and the community has commenced and will continue during the Permitting and Regulatory Phase following the completion of the Project Definition Phase in late 2021. Staff will continue to work with the various ministries at the Province and with the City of Coquitlam with respect to the Environmental Assessment, Water Licence and acquisition of the treatment plant site.

PURPOSE

To update the GVWD Board on the Coquitlam Lake Water Supply (formerly Coquitlam Intake No. 2) project definition work and seek endorsement of Option 4 North Intake Smaller Initial Filtration to be carried forward through the Permitting and Regulatory Phase into Preliminary Design.

BACKGROUND

The Coquitlam Lake Water Supply Project is needed to access additional water in Coquitlam Lake, that is not accessible with current infrastructure, to meet projected water demand due to population growth, even with increased water conservation measures. In October 2018, the GVWD Board endorsed the North Intake – Phased Filtration option to be carried forward into Project Definition. Following the GVWD Board endorsement the project team completed an Indicative Design and Project Definition Report. Additional Value Engineering was also done. As a result of the findings from the Value Engineering and concerns raised by some member jurisdictions with respect to timing and cost, the project team further reviewed opportunities to reduce or defer project costs.

PROJECT DEFINITION UPDATE

The 2018 Board endorsed project option included a north intake located approximately 5 km north of the existing intake; 5 m diameter by 8.4 km long water supply tunnel; and filtration treatment plant built in two phases on a provincially-owned property currently leased out for gravel extraction.

Phase 1 was projected to be completed by the late 2030's and included the new intake, water supply tunnel, and half of the filtration treatment plant required capacity at 1,300 million litres per day (MLD). Phase 2 expansion increased the total filtration treatment capacity to 2,600 MLD and was projected to be built by the late 2050's. This results in an approximate doubling of the current Coquitlam system capacity to meet the projected water demand until the mid-2070's. In 2021, a Value Engineering Optimized Project Options Assessment was undertaken to review the 2018 endorsed project option and explore opportunities to reduce or defer project costs.

Value Engineering Optimized Project Options

Four project options were assessed to determine opportunities to reduce or defer project costs, including:

- Option 1 – North Intake Phased Filtration: 2018 Board endorsed option with value engineering improvements incorporated.
- Option 2 – South Intake Phased Filtration: Similar to Option 1 with new intake proposed at the south end of Coquitlam Lake.
- Option 3 – North Intake Deferred Filtration: Ozone and UV treatment in Phase 1, filtration treatment in Phase 2.
- Option 4 – North Intake Smaller Initial Filtration: Same as Option 1 but with a lower filtration treatment capacity in Phase 1.

The results of the assessment are summarized below in Table 1. The cost for the 2018 preferred option, originally estimated at approximately \$2.7 billion as an indicative high level estimate prior to completion of the Project Definition Report, was updated to \$4.1 billion to align with the Project Delivery Department's new cost estimating framework and to allow for accurate comparison with the 2021 options. The primary drivers for the increase in the estimate was due to the approach to calculate escalation and risk management.

Table 1 – Value Engineering Optimized Project Options (2021 dollars)

	2018 North Intake Phased Filtration	Option 1 North Intake Phased Filtration	Option 2 South Intake Phased Filtration	Option 3 North Intake Deferred Filtration	Option 4 North Intake Smaller Initial Filtration (2021 preferred option)
Life Cycle Cost* (Phases 1 & 2)	\$7.6B	\$7.0B	\$7.0B	\$7.4B	\$6.6B
Capital Cost (Phase 1)	\$4.1B	\$3.9B	\$3.8B	\$3.1B	\$3.9B
Filtration Capacity (Phase 1)	1,300 MLD	1,300 MLD	1,300 MLD	0 MLD	900 MLD
Filtration Capacity (Phase 2)	2,600 MLD	2,600 MLD	2,600 MLD	2,600 MLD	2,600 MLD
Turbidity Treatment before Phase 2	YES	YES	YES	NO	YES

*100 years

Option 1 – North Intake Phased Filtration provides some life cycle and capital cost savings compared to the 2018 Board endorsed option. Option 1 has the added benefit of potentially delaying Phase 2 of the filtration plant further out into the future if the quality of water from the north intake continues to be higher than water from the south intake.

Option 2 – South Intake Phased Filtration provides similar life cycle and capital cost savings as Option 1. While the south intake shortens the water supply tunnel, the costs to build the intake in more geotechnically and seismically challenging conditions offsets savings from a shorter tunnel. The existing treatment system, which is not designed to treat turbidity, will not be available during elevated turbidity events that typically impact the south end of Coquitlam Lake. There may potentially not be enough treatment capacity to meet water demands during the period before Phase 2 expansion.

Option 3 – North Intake Deferred Filtration provides a substantial reduction in capital cost; however, the life cycle cost savings is negligible compared to the 2018 Board endorsed option. This option exposes Metro Vancouver to the risk of not being able to provide water from the Coquitlam source during high turbidity events. As we depend more on the Coquitlam system to supply a larger portion of the regional water demand, greater supply and treatment reliability is required; therefore, this option is not preferred.

Option 4 – North Intake Smaller Initial Filtration provides significant life cycle cost savings and some capital cost savings for Phase 1 relative to the 2018 Board-endorsed option. This option defers some treatment components further out into the future, provides some filtration capacity to address

elevated turbidity events, maximizes the lifespan of the existing treatment plant with the good quality water from the north intake and allows flexibility to expand the system in the future to fully filter water from the Coquitlam source.

The Value Engineering Optimized Project Options Assessment determined that Option 4 – North Intake Smaller Initial Filtration, a modified version of the 2018 Board-endorsed option, as the preferred option, as it provides higher quality source water, allows for some turbidity treatment, defers some Phase 1 costs, and has the lowest life cycle costs. The attachments show the preferred project option.

Cost Estimate

The cost estimate for Option 4 – North Intake Smaller Initial Filtration is presented in the new cost estimating framework as follows:

• Base construction	\$2,173 million
• Owner's cost	\$ 290 million
• Escalation cost	\$1,096 million
• Risk reserve	\$ 357 million
Total	\$3,916 million

Schedule

The Project Definition Phase will conclude at the end of 2021 and immediately transition to the Permitting and Regulatory Phase. Preliminary Design is anticipated to commence in 2025 with some early construction work starting in 2029. Construction and Commissioning of the intake, tunnel, and treatment plant is currently anticipated to be completed by the late 2030's (basis of cost estimate); however, this timeline may be delayed if the results of ongoing water conservation efforts exceed the modeling predictions. Staff will continue to revisit the timing of key construction components at major milestones, taking into consideration the results of water conservation efforts, to ensure that the timing of the project components is appropriate.

Investigative Licence and Property Acquisition

The site of the proposed water treatment plant, near the north end of Pipeline Road, is currently owned by the Province and leased to a private operator for sand and gravel mining. An Investigative Licence Application has been submitted to the Ministry of Forests, Lands, Natural Resource Operations and Rural Development to conduct site investigations on this land. The application is currently under review by the Province. In the interim, at the Ministry's direction, staff continue to work with the current land leasee for site access for investigation work.

Staff continue to work with the Province to determine options for the acquisition of the property. Staff are also working with the City of Coquitlam to look for opportunities to synergize future development of the treatment plant site to meet both of our objectives. The City of Coquitlam will be undertaking an Upper Pipeline Road Corridor Planning Overview, which includes this property. Metro Vancouver has offered to work with the City of Coquitlam on this initiative. As the project requires approximately 1/3 of the identified site, a key opportunity is that the remaining portion of the site can be used as a recreational amenity.

ENGAGEMENT PROCESS

Engagement with First Nations, stakeholders, and the community started in fall 2020. The engagement program is designed to support the Project Definition Phase and the Permitting and Regulatory process, providing interested and affected parties with opportunities for meaningful engagement that generates actionable and effective input and feedback to the project team.

We have been sharing information since 2017 with First Nations, specifically Kwikwetlem First Nation, as the project site is within their core territory. Through our meetings with Kwikwetlem First Nation we identified their initial key interests and we are in the process of negotiating an engagement agreement that outlines the ways in which we will be engaging them.

We also recently met with industrial businesses on Pipeline Road and environmental non-governmental organizations. We have also been meeting regularly with the City of Coquitlam and BC Hydro. We are planning a public information session for later in 2021 and workshops with all groups will be ongoing this year and into next year.

LICENCES AND PERMITS

An Environmental Assessment Certificate or Exemption from the Environmental Assessment Office (EAO) may be required for this project. Furthermore, the Province recently advised staff that the water treatment plant site land disposition will also be contingent on any environmental assessment requirements being satisfied. A project introductory letter has been sent to the EAO and staff are engaging with them to determine the requirements of the environmental assessment process for the project. An EAO exemption is anticipated to take up to two years to resolve and the current schedule factors in this timeline. Engagement with First Nations has been identified as a key aspect of the Permitting and Regulatory process.

Subsequently, a Water Licence will be required to reallocate water from BC Hydro to the GVWD for drinking water and to construct and commission the Coquitlam Lake Water Supply Project.

NEXT STEPS

Staff will be providing a project update to Finance and Intergovernment Committee and the GVWD Board in September 2021. Permitting and regulatory work will commence in late 2021. Concurrently the project will start planning and procurement for further site investigations and treatment pilot testing. The Board will continue to be updated at key milestones including the completion of the Permitting and Regulatory Phase, acquisition of the treatment plant site and prior to the start of Preliminary Design, Detailed Design and Construction.

ALTERNATIVES

1. That the GVWD Board endorse Option 4 North Intake Smaller Initial Filtration to be carried forward through Permitting and Regulatory Phase into Preliminary Design.
2. That the GVWD Board receive for information the report dated June 22, 2021, titled “Coquitlam Lake Water Supply – Project Update” and provide alternate direction.

Staff recommend Alternative 1.

FINANCIAL IMPLICATIONS

This project will be funded through the GVWD capital program.

CONCLUSION

A Value Engineering Optimized Options Assessment was undertaken to look for opportunities to reduce or defer costs identified in the 2018 Board endorsed option. Option 4 – North Intake Smaller Initial Filtration was determined to be the preferred option as it achieves the goal of reducing and deferring some of the project costs. This is a slightly modified version of the 2018 Board endorsed option.

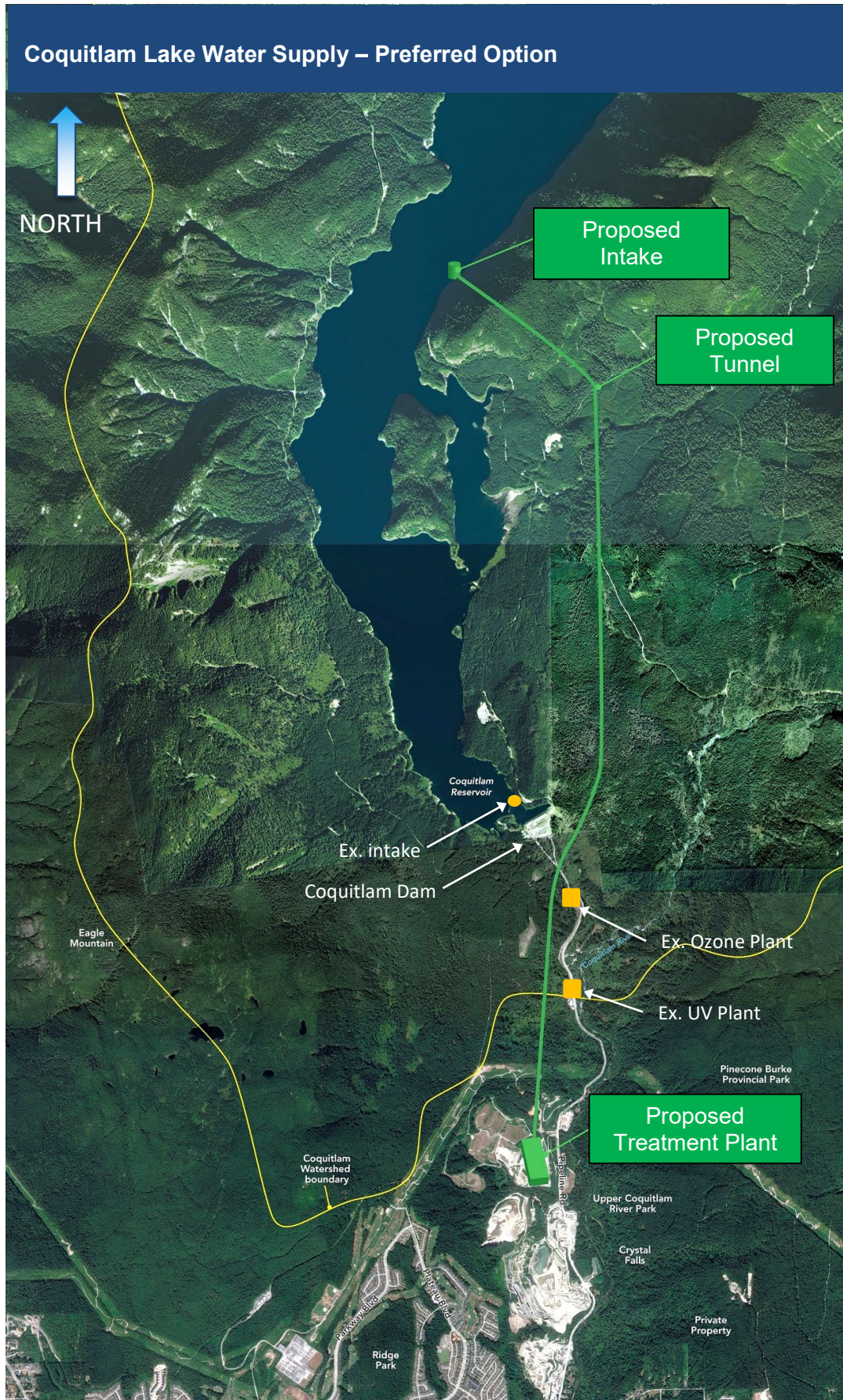
The Project Definition Phase will conclude in late 2021 and the project will transition into the Permitting and Regulatory Phase. Staff will continue to revisit the timing of key construction components at major milestones, taking into consideration the results of water conservation efforts, to ensure that the timing of the project components is appropriate. Staff will continue to work with the various ministries at the Province to determine the permitting and regulatory requirements related to the Environmental Assessment, Water License and acquisition of the treatment plant site.

Engagement with First Nations, stakeholders and the community has commenced and will continue during the Permitting and Regulatory Phase. We will continue to work closely with First Nations, City of Coquitlam, stakeholders and the public to ensure that their interests are considered in the planning of the Coquitlam Lake Water Supply Project.

Attachments

1. Coquitlam Lake Water Supply – Preferred Option
2. Coquitlam Lake Water Supply – Cross Section

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Coquitlam Lake Water Supply – Cross Section

