

For Metro Vancouver meetings on Friday, February 28, 2020

Please note these are not the official minutes. Board in Brief is an informal summary. Material relating to any of the following items is available on request from Metro Vancouver. For more information, please contact

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Metro Vancouver Regional District

E 1.1 UBCM Emergency Preparedness Grant Applications for Electoral Area A (UBC/UEL) APPROVED

The Union of BC Municipalities (UBCM) has grants available through the Community Emergency Preparedness Fund to support members in increasing emergency preparedness and emergency response capacity. Metro Vancouver has long planned that emergency response in the Point Grey portion of Electoral Area A would best be coordinated through an Area Emergency Operations Centre established at the University of British Columbia due to its proximity to, and availability of, local agency representatives. Additionally, through partnership with UBC, increasing the pool of Emergency Support Services volunteers available to take care of the needs of displaced people following an emergency in the Point Grey is an area to enhance emergency preparedness.

The Board endorsed the applications for two grants totaling \$41,836 from UBCM to enhance emergency preparedness capacity in the Point Grey (UBC/UEL) communities of Electoral Area A.

E 2.1 Regional Parks Natural Resource Management Framework APPROVED

The Regional Parks Natural Resource Management Framework provides strategic direction for managing the natural resources within regional parks. First developed 10 years ago, considerable progress has been made towards its goals. In 2019, the Regional Parks Natural Resource Management Framework was updated to ensure alignment with the Regional Parks Plan (2016) and other strategic documents. It outlines the principles, goals and strategies of the natural resource management program to ensure system-wide consistency in resource management efforts. The framework provides staff, elected officials and the public with a tool for transparent and consistent decision making.

The Board endorsed the Regional Parks Natural Resource Management Framework as presented.

E 3.1 Fraser Basin Council - Annual Report to Metro Vancouver RECEIVED

As required under a three-year Contribution Agreement with Metro Vancouver, the Fraser Basin Council submitted the annual report to Metro Vancouver to summarize their work in 2019 and to highlight the priorities for 2020. The annual report provides details on the work performed in the areas of taking action on climate change and air quality, supporting healthy watersheds and water resources, and building sustainable and resilient communities and regions.

The Board received the report for information.

E 3.2 Federal Gas Tax Fund Expenditures Policy Amendments

APPROVED

This report brings forward updates to the Federal Gas Tax Fund Expenditures Policy and associated Application Guide, which sets out the process for Board approval of the Federal Gas Tax Fund (Greater Vancouver Regional Fund or GVRF) for regional transportation projects proposed by TransLink.

Based on consultations with TransLink and Union of BC Municipalities staff, a number of amendments were prepared. While many of the amendments fall into the category of ‘housekeeping,’ substantive amendments involve: affirming the current practice of TransLink staff referring applications to Metro Vancouver staff to initiate the application review process; the annual reporting out by TransLink on active projects funded through the GVRF; and, the baseline assumptions for transit vehicle technology for purposes of accurately portraying emissions changes. The updated Policy and Application Guide will help improve transparency, consistency, and efficiency of the process and applications.

The Board approved the revised Federal Gas Tax Fund Expenditures Policy and the associated Application Guide as presented.

E 3.3 National Zero Waste Council Annual Update

RECEIVED

The Board received an update about the National Zero Waste Council. An initiative of Metro Vancouver, the National Zero Waste Council promotes cross-sector collaboration in advancing waste prevention and accelerating the transition to a circular economy. The Council supports Metro Vancouver in the achievement of its zero waste objectives. A key contribution has been reinforcing the importance of waste prevention and how it relates to the circular economy and climate change. Specific initiatives over the past year include work to examine and promote actions that will prevent and reduce food loss and waste, efforts to accelerate the transition to a circular economy, work to identify priority, problematic single use plastic items and supporting regulatory measures, and pilot projects to prevent/reduce waste associated with construction and demolition. The Council has become much more engaged in the cross-Canada initiatives to reduce the damaging impacts on marine ecosystems and the financial burden local governments incur in dealing with plastic wastes and single use items.

E 4.1 2020 Regional Clothing Waste Reduction Campaign

RECEIVED

The Board received a report about the 2020 Regional Clothing Waste Reduction Campaign.

Clothing is one of the fastest growing waste streams, accounting for approximately 20,000 tonnes of waste annually in Metro Vancouver. On February 18, 2020 Metro Vancouver will launch the second year of the “Think Thrice About Your Clothes” campaign, which will be in-market for nine weeks.

The objective of Think Thrice is to raise awareness of the clothing waste issue and empower residents to take action by focusing on three main areas of clothing waste reduction: 1) Reduce; 2) Care & Repair; and 3) Donate. Post-2019 campaign survey results will be leveraged to target specific audience demographics providing clear calls to action, and directing those audiences to the corresponding areas of the www.clothesarentgarbage.ca website. A targeted media buy will include both digital and out-of-home placements. Standard campaign evaluation indicators will be used to measure campaign effectiveness.

E 5.1 2020 Regional District Sustainability Innovation Fund Applications**APPROVED**

The Climate Action Committee is responsible for overseeing the Sustainability Innovation Funds, and for making all funding recommendations to the respective Boards. This report presents eight projects recommended for funding, totaling \$1,108,000 over three years, which will be funded through the Regional District Sustainability Innovation Fund. The projects include three addressing affordable housing and climate change, two enhancing ecological health in Regional Parks, and three related to air quality improvement.

The Board approved the allocation from the Regional District Sustainability Innovation Fund for the following projects:

- Building Resilience: Exploring the Potential of Renewable Energy Building Infrastructure: \$200,000 over two years starting in 2020
- Net-Zero Feasibility Study for Welcher Affordable Housing Development: \$160,000 over two years starting in 2020;
- Step Code Implementation Impacts for Building Envelope Rehabilitation of Existing Buildings: \$90,000 over two years starting in 2020
- Targeted Invasive Plant Grazing in Metro Vancouver: \$150,000 over three years starting in 2020
- Using eDNA Sampling Technology in Regional Parks: \$68,000 over two years starting in 2020
- Preventing Smoke Emissions from Agricultural Waste Management: \$140,000 over two years starting in 2020
- Clean Air for Students and Schools (CLASS): \$200,000 over two years starting in 2020
- Mobile Monitoring of Fugitive and Other Industrial Air Emissions with "Flying Labs": \$100,000 in 2020.

E 5.2 Invasive Species Education and Outreach Materials**APPROVED**

Metro Vancouver, the Invasive Species Council of BC, the Invasive Species Council of Metro Vancouver, and members of the Regional Planning Advisory Committee – Invasive Species Subcommittee have collaboratively created two new outreach products to raise awareness about invasive species of concern across the region: an online course and a public brochure.

The Board directed staff to share these materials with member jurisdictions for information.

E 5.3 Board Appointments and Rescindments of Enforcement Officers**APPROVED**

Recent changes in staff have resulted in a need to update staff appointments as MVRD Board-designated officers under the Greater Vancouver Regional District Air Quality Management Bylaw, the Environmental Management Act and the Offence Act.

The Board appointed Nicole Gatto as an officer and rescinded the appointments of former Metro Vancouver employees Larry Avanthay, Kristen Beattie and Johanna Legge as officers. The same was done for serving summons under the Offence act.

G 1.1 Electoral Area A Building Administration Amendment Bylaw No. 1301, 2020

APPROVED

GVRD Electoral Area A Building Administration Bylaw, No. 1043, 2006 regulates the construction of buildings in rural parts of Electoral Area A. It has not been amended since its adoption in 2006, and in March 2018, the MVRD Board directed staff to review the bylaw. Subsequent to staff's review, a draft bylaw update was presented for consideration by the Electoral Area Committee and MVRD Board. Proposed amendments include: updating the permit fee schedule (Schedule D) and increasing the building permit validity time, which responds to resident input regarding the need for more time to complete construction in rural and remote portions of the Electoral Area, along with a number of clean-up and administrative revisions.

The Board gave first, second and third readings to Electoral Area A Building Administration Amendment Bylaw and passed and finally adopted said bylaw.

G 2.1 Metro Vancouver Regional District Dedication of Land as Regional Park Bylaw No. 1300, 2020

APPROVED

The Local Government Act authorizes a regional district to dedicate land as regional park by way of a bylaw. Bylaw 1300, 2020 will dedicate land acquired in 2019 by MVRD for use as regional park.

The Board gave first, second and third readings to Metro Vancouver Regional District Dedication of Land as Regional Park Bylaw No. 1300, 2020; and passed and finally adopted said bylaw.

G 3.1 MVRD Procedure Amending Bylaw No. 1297, 2020

APPROVED

In 2019, the MVRD Board established the regional economic prosperity service. To support that new service, the Board Chair established a standing committee called the Regional Economic Prosperity Management Board. This 27 member standing committee comprises a cross section of representatives from various sectors, including five directors. This situation is not compliant with the Procedure Bylaw which stipulates that a majority of committee members must be directors. Given the unique nature of this new standing committee, an amendment to the Procedure Bylaw is being sought to provide an exemption to this majority-director provision

The Board gave first, second and third readings to Metro Vancouver Regional District Procedure Amending Bylaw Number 1297, 2020, then passed and finally adopted said bylaw.

G 2.1 Metro Vancouver Signing Officers Amending Bylaws – MVRD, GVS&DD and GVWD **APPROVED**

Board-approved bylaws were adopted to establish authority for the execution of financial matters relating to Metro Vancouver’s Districts. The Districts are currently functioning under the existing bylaw. The previous Signing Officer Bylaws are in need of updating for position titles and modern banking practice language. A reduction in the number of positions with signing authority was also desired to reduce the administrative maintenance for individuals that would not likely be called on to sign documents.

The Board gave first, second and third readings to Metro Vancouver Regional District Financial Services Administration and Signing Authority Amending Bylaw No. 1302, 2020, then passed and finally adopted said bylaw.

G 4.1 Regional Growth Strategy Amendment Bylaw No. 1295 – Alignment with IPCC Report on Global Warming **APPROVED**

At its November 1, 2019 meeting, the MVRD Board initiated a Type 3 minor amendment to Metro Vancouver 2040: Shaping our Future, and gave first, second and third readings to an amending bylaw with the intent of reflecting a commitment to a carbon neutral region by 2050 and an interim target of reducing greenhouse gas emissions by 45% from 2010 levels by 2030.

Metro Vancouver staff notified affected local governments and affected agencies of the proposed amendment. Eight responses were received during the notification period, all indicating support or no objections to the amendment bylaw.

The Board received for information the comments from the affected local governments and agencies as presented and passed and finally adopted Metro Vancouver Regional District Regional Growth Strategy Amendment Bylaw No. 1295, 2019.

I 1 Committee Information Items & Delegation Summaries **RECEIVED**

The Board received information items from standing committees.

Electoral Area Committee – February 5, 2020

Information Items:

5.2 Electoral Area A Zoning Bylaw Review – Public Consultation Update

A zoning bylaw review was identified as an action in the Electoral Area A Official Community Plan, adopted in 2018. The MVRD Board approved the scope for the zoning bylaw review in July 2019, and staff and the Electoral Area A Director held two rounds of community meetings in the fall for residents where the zoning bylaw applies. Public input will be used to draft proposed amendments to the zoning bylaw, which will be posted to the Metro Vancouver website in spring for additional public feedback before an amending bylaw is prepared for Committee and Board consideration.

Regional Planning Committee – February 7, 2020

Information Items:

5.2 2016 Walkability Index – Metro 2040 Performance Monitoring

The 2016 Walkability Index surface is a parcel-level, built environment dataset that uses 2016 data to show the walkability score of neighbourhoods at the postal code scale. Walkability is a Key Summary Measure for Metro 2040 Goal 4. Maps of the 2016 Walkability Index show that the region's Urban Centres and Frequent Transit Development Areas are among the most walkable areas in the region, demonstrating good alignment between the Metro 2040 vision and urban development in practice on the ground.

There are multiple factors that contribute to making an area more walkable including sidewalk completeness, intersection density, residential density, commercial density and land use mix. Improving walkability has many benefits including better health outcomes for residents, improved access to local destinations, improved sense of community and safety, and reduced dependence on private vehicles which in turn supports the region's GHG reduction targets.

5.3 Metro 2040 Climate and Natural Hazards Policy Review Scope of Work

Goal 3 of Metro Vancouver 2040: Shaping our Future (Metro 2040), the regional growth strategy, contains strategies to reduce greenhouse gas (GHG) emissions and to manage risks associated with climate change and other natural hazards. As part of a comprehensive update to Metro 2040, staff are conducting several thematic policy reviews. The purpose of the Climate and Natural Hazards Policy Review is to strengthen climate mitigation, climate adaptation and natural hazard policies throughout the regional growth strategy. The engagement opportunities and deliverables will be shared to support both Metro 2050 (the update to Metro 2040), and Climate 2050. It is anticipated that the Climate and Natural Hazards Policy Review will take approximately 8 months to complete and the Regional Planning Committee will be updated at that time.

5.4 Metro 2040 Environment Policy Review – Update on Policy Option Development

On October 21, 2019 staff circulated a survey to Regional Planning Advisory Committee members and associates via email and requested feedback on six high level environmental land use policy ideas. Staff received 11 responses expressing general support for consideration of all six policy ideas in the Environment Policy Review. Staff will provide the Committee with an update on the Metro 2040 Environment Policy Review mid-2020 and Metro 2050 policy recommendations for its consideration in the third quarter of this year.

5.5 Updating Metro 2040's Housing Demand Estimates

Table A.2 of Metro 2040 sets out Housing Demand Estimates to assist Metro Vancouver's municipalities when preparing Regional Context Statements and Housing Action Plans, and is used to support Metro Vancouver's regional planning and utility planning functions. Regional Planning staff are undertaking an update to the Housing Demand Estimates and its projection methodology to provide current data to support the update to Metro 2040 and TransLink's new Regional Transportation Strategy. This project will be finalized and will be presented for the Committee's consideration by February of 2021.

5.6 Results of the Regional Stakeholder Workshop and Transport 2050 Phase 1 Engagement Survey and Key Findings for Metro 2050

Metro Vancouver and TransLink have been working together on engagement activities to support the development of Metro 2050 and Transport 2050. The results of these engagement activities and key findings for the development of Metro 2050 are summarized in this report.

Finance and Intergovernment Committee – February 12, 2020

Information Items:

5.7 Metro Vancouver’s 2019 Zero Waste Conference

On October 30 and 31, 2019, over 500 people participated in the 2019 Zero Waste Conference, hosted by Metro Vancouver and the National Zero Waste Council. The program was filled with unique perspectives, valuable insights and inspirational messages that attracted a diverse audience of individuals from government, business, academia and NGOs interested in waste prevention and a transition to a circular economy. With these kind of individuals present, the Conference was a unique and rewarding learning and networking environment – one that was enhanced in 2019 by a new conference app and informal opportunities for participants to network during breaks in the program. The conference also provided an opportunity to influence planning for Canada’s hosting of the World Circular Economy Forum in 2020, with a closing panel of Canadian leaders in circular economy engaging with each other and the audience on how to mobilize for success in creating a Circular Canada.

5.8 2019 International Events

This report brings forward an update on 2019 International Events attended as part of the Leadership and Engagement program. In accordance with the Board adopted Leadership and Engagement Policy, Metro Vancouver will participate, at both a national and at an international level, in events that promote Metro Vancouver in a leadership role or that provide opportunity for engagement and continuous improvement in the advancement of organizational goals.

Greater Vancouver Water District

E 1.1 2020 Water Sustainability Innovation Fund Applications

APPROVED

The Climate Action Committee is responsible for overseeing the Sustainability Innovation Funds and for making all funding recommendations to the respective Boards. This report presents three projects recommended for funding, totaling \$950,000 over three years, which will be funded through the Water Sustainability Innovation Fund. The three projects include advancement of methods to monitor water disinfection by-products, an earthquake early warning pilot project, and enhancements to the water flow monitoring network.

The Board approved the allocation from the Water Sustainability Innovation Fund for the following projects:

- UV Transmittance Analyzers for Continuous Monitoring of Disinfection By-Products: \$500,000 over three years starting in 2020
- Earthquake Early Warning and Strategic Response System Pilot: \$270,000 over two years starting in 2020
- Enhancing the Data Processing of the Water Flow Metering Network: \$180,000 over two years starting in 2020

G 1.1 Metro Vancouver Signing Officers Amending Bylaws – MVRD, GVS&DD and GVWD APPROVED

Board-approved bylaws were adopted to establish authority for the execution of financial matters relating to Metro Vancouver’s Districts. The Districts are currently functioning under the existing bylaw. The previous Signing Officer Bylaws are in need of updating for position titles and modern banking practice language. A reduction in the number of positions with signing authority was also desired to reduce the administrative maintenance for individuals that would not likely be called on to sign documents.

The Board gave first, second and third readings to Greater Vancouver Water District Financial Services Administration and Signing Authority Amending Bylaw No. 252, 2020, then passed and finally adopted said bylaw.

I 1 Committee Information Items & Delegation Summaries RECEIVED

The Board received an information item from the February 13, 2020 Water Committee meeting:

5.2 Water Use by Sector in Metro Vancouver: 1985 – 2017

The “GVWD and Local Government Water Use by Sector Report 1985 - 2017” outlines the trends in water use by sector in the Metro Vancouver region.

Per capita water consumption has steadily declined since 1985, keeping annual average water consumption relatively steady despite a growing regional population. In more recent years, there are indications that per capita reductions are stabilizing, resulting in a gradual overall increase in annual water consumption emphasizing the need for continued effort on water conservation initiatives.

In 2017, it is estimated that the residential sector accounted for approximately 58 percent of the total water use in the region. Industrial, commercial, institutional, and agricultural sectors accounted for approximately 5, 13, 5, and 2 percent of total water use, respectively. Within non-residential sectors, retail stores, businesses/offices and warehouses were among the top end users of water in the region.

Water use by sector trends in the region provide valuable information for utility planning and the development of water conservation and efficiency programs. Historical water use patterns in the region can inform planning and implementation of GVWD and local government water management practices.

Greater Vancouver Sewage and Drainage District

E 1.1 Award of Contract Resulting from Request for Proposal No. 19-194: Construction Services - Burnaby Lake North Interceptor No. 2 – Phase 2 – Open Cut Section **APPROVED**

The construction of Burnaby Lake North Interceptor No. 2 - Phase 2 - Open Cut Section is required to enhance sewer capacity in the City of Burnaby. The project consists of installation of approximately 880 linear metres of reinforced concrete sanitary sewer pipe via open cut methods in Burnaby, BC. A Request for Proposal was issued to five prequalified contractors on October 10, 2019 and three submissions were received. After the evaluation process, JJM Construction Ltd. had the highest ranked proposal.

The Board approved the award of a contract for an amount of up to \$16,599,950 (exclusive of taxes) to JJM Construction Ltd. resulting from Request for Proposal No. 19-194.

E 2.1 Construction Contract Award Resulting from Request for Proposal (RFP) No. 19-313: Construction of a Completed Recycling and Solid Waste Drop-off Facility **APPROVED**

Metro Vancouver is initiating the construction of the Surrey Recycling and Waste Drop-Off Facility at 6711 154th Street, Surrey. This facility will address a service gap and enhance the Metro Vancouver network of solid waste facilities in this growing area of the region.

Six experienced firms were shortlisted from Request for Qualifications No. 19-063 and invited to respond to RFP No. 19-313 for facility construction. The RFP closed on December 19, 2019 and five firms submitted proposals. Based on the evaluation of the proposals, Clark Builders was identified as the highest ranked and offered the lowest fee proposal.

The Board approved the award of a contract in the amount of up to \$25,575,000 (exclusive of taxes) to Clark Builders resulting from Request for Proposal (RFP) No. 19-313.

Furthermore, the Board directed staff to report back in advance of the opening of the new Coquitlam Transfer Station and the Surrey Recycling and Waste Drop-Off with details of Metro Vancouver's transfer station recycling depot funding model and any proposed updates to the model to ensure equitable funding of regional and municipal depots.

E 2.2 Consulting Contract Amendment: Phase D: Construction Administration and Post Construction Services for Surrey Recycling and Waste Drop-Off Facility **APPROVED**

Metro Vancouver is initiating the construction of the Surrey Recycling and Waste Drop-Off Facility at 6711 154th Street, Surrey. This facility will expand the Metro Vancouver network of solid waste facilities, filling a service level gap in this growing area of the region.

Request for Qualifications No. 17-090 for Engineering Services was awarded to Morrison Hershfield in December 2017. The services proposed in the RFQ included four phases: Phase A: Conceptual Design and Design Basis Memorandum, Phase B: Preliminary Design, Phase C: Detailed Design and Tender Package, and Phase D: Construction Administration and Post Construction Services.

The proposed contract amendment for an amount of up to \$2,576,631 (exclusive of taxes) will authorize Morrison Hershfield to proceed with Phase D, including construction administration, commissioning and oversight services for the project. This represents a total consulting expenditure of \$4,967,544.

The Board approved the award of Phase D: Construction Administration and Post Construction Services for an amount of up to \$2,576,631 (exclusive of taxes) to the Phase A, B and C consultant, Morrison Hershfield Limited, for the Surrey Recycling and Waste Drop-Off Facility project.

E 3.1 2020 Liquid Waste Sustainability Innovation Fund Application

APPROVED

The Climate Action Committee is responsible for overseeing the Sustainability Innovation Funds, and for making all funding recommendations to the respective Boards. This report presented one project recommended for funding, totaling \$330,000 over three years, which will be funded through the Liquid Waste Sustainability Innovation Fund. The project proposes the use of handheld microbial DNA monitoring to more effectively detect wastewater treatment plant issues.

The Board approved the allocation from the Liquid Waste Sustainability Innovation Fund of \$330,000 over three years starting in 2020 for the Handheld Wastewater Microbial DNA Monitor project.

G 1.1 Metro Vancouver Signing Officers Amending Bylaws – MVRD, GVS&DD and GVWD

APPROVED

Board-approved bylaws were adopted to establish authority for the execution of financial matters relating to Metro Vancouver's Districts. The Districts are currently functioning under the existing bylaw. The previous Signing Officer Bylaws are in need of updating for position titles and modern banking practice language. A reduction in the number of positions with signing authority was also desired to reduce the administrative maintenance for individuals that would not likely be called on to sign documents.

The Board gave first, second and third readings to Greater Vancouver Sewerage and Drainage District Financial Services Administration and Signing Authority Amending Bylaw No. 334, 2020, then passed and finally adopted said bylaw.

G 2.1 Disposal of Out of Region & International Waste at the Waste-to-Energy Facility

APPROVED

Metro Vancouver's Tipping Fee Bylaw sets rates and requirements at regional solid waste facilities. Under the bylaw, the Board may authorize disposal of municipal solid waste from outside of Metro Vancouver at the Waste-to-Energy Facility. Metro Vancouver periodically receives requests to dispose of waste from outside of the region, including international waste.

The Board approved amending the Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017 to delegate authority to the General Manager of Solid Waste Services to approve requests to receive up to 1,500 tonnes per year per generator of out of region waste and international waste, and to apply the Special Handle Waste tipping fee of \$250 per tonne to Out of Region Waste. The Board gave first, second and third readings to the amending bylaw then passed and finally adopted said bylaw.

Metro Vancouver Housing Corporation

E 1.1 Metro Vancouver Housing Corporation Tenant Selection Policy Revision

APPROVED

Metro Vancouver Housing is undertaking a review of all its policies to ensure clarity and consistency. The Tenant Selection Policy has been updated to consolidate a number of individual policies, update income and asset limits to further align with BC Housing, and provide greater clarity for staff and tenants. It establishes consistent criteria to ensure Metro Vancouver Housing tenants are matched with housing that is equitable and appropriate, prioritizing very low to moderate income households to align with the vision in the Metro Vancouver Housing 10-Year Plan. The Board approved the revised Tenant Selection Policy as presented in the report.

E 1.2 Metro Vancouver Housing Redevelopment Plan

APPROVED

The Metro Vancouver Housing 10-Year Plan sets key targets for Metro Vancouver Housing over the next decade, including targets for redevelopment and maintenance of its existing housing sites. The Metro Vancouver Housing Redevelopment Plan represents a critical next step in implementing the 10-Year Plan by outlining a process to assess and prioritize existing housing sites for redevelopment or renewal over time. The Redevelopment Plan provides an objective approach for how the organization will consider complex trade-offs and guide investment decisions. The Board approved the Metro Vancouver Housing Redevelopment Plan as presented.

I 1 Committee Information Items & Delegation Summaries

RECEIVED

The Board received a delegation summary from the February 5, 2020 Housing Committee meeting, from Lisa Nissanov, Team Manager, Reaching Home, Vancity Community Foundation.