

For Metro Vancouver meetings on Friday, January 28, 2022

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: media@metrovancover.org.

Metro Vancouver Regional District

E1.1 Comments on the Draft of Metro 2050 and Proposed Next Steps

REFERRED

Metro Vancouver received extensive comments on the draft of *Metro 2050*, the update to the regional growth strategy, which was referred out for a five-month comment period in July 2021. The vast majority of comments received were supportive of the vision, goals and new elements of Metro 2050, including the policies related to transit-oriented affordable housing, social equity, climate action, resilience, reconciliation, and environmental protection. There were also questions of clarification and constructive suggestions and editing requests submitted. This report presents all comments received as well as recommended changes, as applicable, to the policy language of *Metro 2050* in response to comments.

The Board referred the draft strategy back to staff for one month, to explore the potential for stronger climate action and to work with member jurisdictions to resolve any outstanding concerns.

E1.2 Metro 2050 Bylaw Approvals Process

RECEIVED

This report outlines the process and timeline for consideration of approving *Metro 2050*. To adhere to the Board-directed timeline for the approval of *Metro 2050* within this local election cycle, the timeline for the upcoming approvals phase, consistent with the requirements of the *Local Government Act*, is as follows:

- January – Regional Planning Committee and MVRD Board receive comments on the draft *Metro 2050*, as well as recommended changes.
- February – Regional Planning Committee and MVRD Board to consider first and second readings of the *Metro 2050* bylaw and schedule the public hearing.
- March – Metro Vancouver to provide notice and host a Public Hearing, and MVRD Board to consider third reading of the *Metro 2050* bylaw and refer for acceptance by affected local governments.
- April / May – Affected local government acceptance period.
- July – MVRD Board to receive affected local government acceptances and consider fourth reading and adoption of the *Metro 2050* bylaw.

The Board received the report for information.

E1.3 Land Cover Classification and Sensitive Ecosystem Inventory Update – Scope of Work

RECEIVED

This report provides an overview of the proposed process to update Metro Vancouver’s Land Cover Classification dataset and the Sensitive Ecosystem Inventory. Generated using sensing imagery, the Land Cover Classification provides a map of general land features while the Sensitive Ecosystem Inventory identifies the most ecologically important areas in the region. While Metro Vancouver uses these important GIS datasets for *Metro 2040* performance monitoring and reporting, they are also critical resources for internal and external stakeholders across the region. This project will ensure that the datasets reflect changes to the region’s landscapes since 2014, identify the gains and losses in sensitive ecosystems, and inform future updates to Map 11 (Sensitive Ecosystem Inventory) in *Metro 2050*. The project is expected to be completed by the spring of 2023.

The Board received the report for information.

E2.1 Update on Metro Vancouver Zero Emissions Innovation Centre

RECEIVED

This report presents an annual report on the activities of the Metro Vancouver Zero Emissions Innovation Centre (ZEIC) which is the region’s new Low Carbon Cities Canada (LC3) Centre. It is one of seven LC3 centres across the country with a mandate to accelerate urban climate solutions through capacity building, policy reform, research, demonstration projects, and financial innovation related to green buildings, zero emissions transportation and renewable energy. ZEIC’s work will support industry, local governments, and other agencies as they advance a wide range of actions to reduce greenhouse gas emissions in line with adopted plans and targets, including Metro Vancouver’s *Climate 2050*. Since the March 2021 update to the Climate Action Committee, the inaugural ZEIC Board has been established and Director McCutcheon endorsed by the MVRD Board as the Metro Vancouver representative, an Executive Director has been hired, the Federation of Canadian Municipalities has received the centre’s “readiness requirements” for LC3s, and ZEIC is expecting to receive the \$21.7 million federal endowment early in 2022.

The Board received the report for information.

E3.1 Regional Parks Plan Update – Draft Plan and Proposed Engagement Process

APPROVED

This report presents a draft *Regional Parks Plan* and outlines the proposed process for engagement. The updated plan provides strategic direction to guide the work of Regional Parks and progress towards the vision of a regional parks system that is “protected and resilient, connecting people to nature, with benefits for all.” The *Regional Parks Plan* identifies how key challenges will be met and opportunities leveraged, and provides an action plan to address priorities over the next decade.

The proposed engagement with member jurisdictions, First Nations, agencies, stakeholders, and the public will help further refine the draft plan.

The Board endorsed the draft *Regional Parks Plan* and authorized staff to proceed with the public engagement process as presented.

E4.1 2021 Zero Waste Conference**RECEIVED**

Metro Vancouver's annual Zero Waste Conference engages with important stakeholders to share new knowledge, experiences, and practices related to Metro Vancouver's journey to waste prevention and the transition to a circular economy. With a program designed to provide the rationale and the means for constructing a path to an alternative to the dystopian future suggested by the climate catastrophes and the on-going pandemic, the 2021 conference featured five thought-provoking and inspiring keynotes who posed elements of a resilient, carbon neutral and circular future. Five interactive sessions had speakers providing opportunities and potential actions in design and policy to enable this future, including eight innovators who introduced how entrepreneurial spirit coupled with innovation can contribute to positive change.

With 443 registrants, feedback included: "This conference was full of good insights and inspiration. My takeaway is that the journey towards a circular future is a tapestry in which we are all working together. Thanks to all of you for this special day that I am sure will be a milestone."

The Board received the report for information.

E5.1 Appointment of Election Officials for the 2022 General Local Election**APPROVED**

In accordance with the *Local Government Act*, the 2022 General Local Election for the Regional Director of MVRD Electoral Area A will be held on Saturday, October 15, 2022. For the purposes of conducting the election, the Board must appoint a Chief Election Officer and Deputy Chief Election Officer.

The Board appointed Katie Karn as Chief Election Officer and Janis Knaupp as Deputy Chief Election Officer for the 2022 General Local Election for the Regional Director of MVRD Electoral Area A.

E5.2 Metro Vancouver Flood Resiliency Task Force**RECEIVED**

This report provides information on Metro Vancouver's new Flood Resiliency Task Force, created by Chair Dhaliwal, in response to the catastrophic flooding experienced by the lower mainland in November and December 2021.

The task force will provide advice and recommendations to the Metro Vancouver Board and to those appointed to the Leadership Committee of the Lower Mainland Flood Management Strategy on issues related to flood resiliency.

The Board received the report for information.

G1.1 MFA Spring 2022 Borrowing for City of Langley – MVRD Security Issuing Bylaw No. 1338, 2021**APPROVED**

Metro Vancouver received a request from the City of Langley to borrow \$7,500,000 to fund the acquisition of strategic parcels of land. This request has been approved by Langley’s respective council by way of Loan Authorization Bylaw and Security Issuing Resolution as required under provincial legislation.

The Board gave consent to the request for financing from the City of Langley in the amount of \$7,500,000 pursuant to Sections 182(1)(b) and 182(2)(a) of the Community Charter; gave first, second and third readings to a bylaw to authorizing an agreement respecting financing between the Metro Vancouver Regional District and the Municipal Finance Authority of British Columbia; passed and finally adopted said bylaw and forwarded it to the Inspector of Municipalities for Certificate of Approval.

G2.1 MVRD Non-Road Diesel Engine Emission Regulation Amending Bylaw No. 1337, 2021**APPROVED**

Staff proposed minor amendments to Metro Vancouver Regional District *Non-Road Diesel Engine Emission Regulation Bylaw* to provide clarity and address operational issues. The amendments clarify that the prohibition on operating Tier 0 and Tier 1 non-road diesel engines near hospitals, elementary schools, and community care facilities does not apply to emergency generators. There will also be more clarity around the ability to operate Tier 0 and Tier 1 non-road diesel engines that use approved emission reduction measures (ERM). The proposed amendments will better align the minimum emission standard that will apply to ERM installed on previously prohibited engines with other bylaw provisions related to prohibited engines.

The Board gave first, second and third readings to Metro Vancouver Regional District *Non-Road Diesel Engine Emission Regulation Amending Bylaw No. 1337, 2021*, then passed and finally adopted said bylaw.

G3.1 Regional Growth Strategy Amendment Bylaw No. 1326 – 228 175A Street, City of Surrey**APPROVED**

In October 2021, Metro Vancouver initiated a Type 3 minor amendment to the regional growth strategy, and gave first, second and third readings to an amending bylaw to re-designate the property at 228 175A Street from its current regional land use designation of “Mixed Employment” to “General Urban” to allow for the construction of new residential and commercial uses and an assisted living facility on the site. As required by the *Local Government Act* and *Metro 2040*, Metro Vancouver notified affected local governments and agencies of the proposed amendment. Five responses were received during the notification period, with four indicating no objection to the amendment bylaw and one expressing opposition.

The Board received for information the comments from the affected local governments and then passed and finally adopted Metro Vancouver Regional District *Regional Growth Strategy Amendment Bylaw No. 1326, 2021*.

G3.2 Regional Growth Strategy Amendment Bylaw No. 1327 – Cloverdale Hospital Site, City of Surrey **APPROVED**

In October 2021, Metro Vancouver initiated a Type 3 minor amendment to the regional growth strategy, and gave first, second and third readings to an amending bylaw to re-designate the property at 5510 180 Street in Surrey from its current regional land use designation of “Industrial” to “Mixed Employment” to allow for the construction of a new a hospital and cancer centre on the site. As required by the *Local Government Act* and *Metro 2040*, Metro Vancouver notified affected local governments and agencies of the proposed amendment. Five responses were received during the notification period, each expressing no objection to the amendment bylaw.

The Board received for information the comments from the affected local governments and agencies then passed and finally adopted Metro Vancouver Regional District *Regional Growth Strategy Amendment Bylaw No. 1327, 2021*.

G3.3 Regional Growth Strategy Amendment Bylaw No. 1328 – South Campbell Heights, City of Surrey **REFERRED**

In October 2021, Metro Vancouver initiated a Type 3 minor amendment to the regional growth strategy, and gave first, second and third readings to an amending bylaw to extend the Urban Containment Boundary by 223.7 hectares and re-designate lands with a “Rural” regional land use designation within a Special Study Area to: “Mixed Employment” (160.8 ha); “Conservation and Recreation” (55.5 ha); and “Agricultural” (12.1 ha). It would also re-designate 13.4 hectares of existing “Mixed Employment” designated lands within the Urban Containment Boundary to “Conservation and Recreation.” The proposed amendment is a Type 3 minor amendment because the area is a Special Study Area in the regional growth strategy. As required by the *Local Government Act* and *Metro 2040*, Metro Vancouver notified affected local governments and agencies of the proposed amendment. Eight responses were received from affected local governments and agencies, one response was received from Semiahmoo First Nation, and two memoranda were provided by Metro Vancouver utilities.

The Board referred the matter back to staff with instruction to discuss concerns that have been raised by the Board with City of Surrey staff.

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

The Board received information items and delegation summaries from standing committees.

Performance and Audit Committee – January 13, 2022

Information Items:

5.1 MVRD Audit Plan from BDO Canada LLP

Metro Vancouver districts and the Metro Vancouver Housing Corporation are required under provincial legislation to prepare annual financial statements, audited by a public accounting firm and approved by the Board, by May 15 each year.

The 2021 annual financial statements, along with the draft auditors' report, will be presented to the Performance and Audit Committee at its April meeting, prior to Board approval. Attached for information is the audit planning report prepared by BDOCanada LLP, Metro Vancouver's auditors.

This report outlines the audit approach, key audit areas, auditor responsibilities, and audit deliverables. In addition, the report highlights a number of upcoming accounting standards, the most significant being the asset retirement obligation requirement, effective fiscal year 2023.

Management has started an impact assessment for this standard and will report back to the committee on a continuous basis throughout the project.

5.4 Tender/Contract Award Information – September 2021 to November 2021

During the period between September 1 and November 30, 2021, the Purchasing and Risk Management Division issued 27 new contracts, each with a value in excess of \$500,000 (exclusive of taxes). All awards and amendments were issued in accordance with the *Officers and Delegation Bylaws 1208, 284 and 247 – 2014* and the Procurement and Real Property Contracting Authority Policy.

Regional Planning Committee – January 14, 2022

Delegation Summaries:

3.1 Alex Boston, Renewable Cities, Simon Fraser University

Climate Action Committee – January 14, 2022

Delegation Summaries:

3.1 Alex Boston, Renewable Cities, Simon Fraser University

3.2 Christy Juteau, A Rocha

Information Items:

5.4 Metro Vancouver Regional Consumption-Based Emissions Inventory

Metro Vancouver developed a consumption-based emissions inventory (CBEI) to provide a comprehensive understanding of greenhouse gas emissions, as a complement to the in-region (territorial) emissions inventory. The CBEI extends the analysis to account for embodied emissions that occur outside the region's geographical boundary, but are associated with goods and services that are consumed within the region. The CBEI helps complete the picture of how in-region economic activity and consumption habits influence greenhouse gas emissions globally. This approach informs the development of potential emission reduction plans, policies, and regulations at the regional and municipal levels to reduce not only territorial but also embodied emissions. Consumption-based greenhouse gas emissions are 23.3 million tonnes, compared to the 2015 in-region emissions estimate of 14.8 million tonnes.

Greater Vancouver Water District

E1.1 Award of Contract Resulting from Request for Qualifications (RFQ) No. 21-183: APPROVED **Supply and Delivery of Large Diameter Steel Pipe – Coquitlam Main No. 4**

The new Coquitlam Main No. 4 will address a capacity shortfall in the existing Coquitlam conveyance system, and will provide additional capacity for the future Coquitlam Lake Water Supply Project. The 12 km long Coquitlam Main No. 4 consists of four sections and is being designed and constructed in stages with the first south section commencing in fall 2022, in advance of the City of Coquitlam’s Pipeline Road upgrade project, which is scheduled to start in fall 2023. Pre-supply of steel pipe by Metro Vancouver is required due to the long lead time (estimated at 9 months) for pipe supply. The current target year for completion and commissioning of the Coquitlam Main No. 4 in its entirety is 2029.

The Board approved the award of a contract in an amount of up to \$15,739,689 USD (exclusive of taxes) to Northwest Pipe Company resulting from Request for Qualifications No. 21-183 Supply and Delivery of Large Diameter Steel Pipe - Coquitlam Main No. 4, subject to final review by the Commissioner.

I 1 Committee Information Items and Delegation Summaries RECEIVED

The Board received information items from a standing committee.

Water Committee – January 12, 2022

Information Items:

5.2 Quality Management System for Drinking Water Update

The *Quality Management System for Drinking Water* (QMSDW) applies to Metro Vancouver’s activities and staff associated with all operational aspects of the drinking water catchment, treatment and water transmission system that supplies drinking water to the GVWD’s customers. The QMSDW establishes a process to ensure the goals of the *Drinking Water Management Plan* are attained and continuous improvement is promoted in the provision of clean, safe drinking water to the region. The QMSDW operational plan documents processes and procedures based on requirements of the referenced *Ontario Drinking Water Quality Management Standard*. A formal annual internal audit is planned to confirm performance of the QMSDW, including risk assessment outcomes and implementation of critical control measures.

5.3 Regional Water Supply System Lifeline Study: Seismic Vulnerability Assessment

This study is an update to the previous study that was completed in 1993. The current 2021 study investigated the seismic vulnerabilities of Metro Vancouver’s water mains, and all other facilities excluding dams. In this report, the water mains and facilities were evaluated for earthquakes with a 1 in 2,475-year and 1 in 10,000-year return period, respectively, per Metro Vancouver’s seismic design criteria and draft 2020 *National Building Code of Canada* requirements. This study recommends additional site-specific assessments and structural analysis for facilities to improve the predictions of seismic damage. The study also provides recommendations on other seismic resiliency measures.

Greater Vancouver Sewage and Drainage District

E1.1 2022 Liquid Waste Capital Projects

RECEIVED

The GVS&DD Board approves an annual capital budget for the liquid waste system. This report provides the Board with information regarding the location of the different projects that were approved for 2022.

The Board received the report for information.

E1.2 Grant Funding Application for the North Surrey Interceptor Flow Management Sanitary Sewer Overflow Tank

APPROVED

A grant application for the North Surrey Interceptor (NSI) Flow Management Sanitary Sewer Overflow Tank in the amount of \$27 million has been prepared for submission to the third intake of the Investing in Canada Infrastructure Program Environmental Quality program. The deadline for applications was January 26, 2022 and endorsement of the application by the appropriate authorized governing body is required to show funding commitment from the applicant. If successful in receiving funding, Metro Vancouver would be responsible for its share, which would total \$67.5 million of the project's total cost (\$94.5 million), as well as cost overruns.

The project stems from Metro Vancouver's commitment to reduce sanitary sewer overflows as part of the *Integrated Liquid Waste and Resource Management Plan* for the region. The overall goal of this project is to provide a storage tank to reduce sanitary sewage overflows from the NSI that currently flow into the Fraser River and to contribute to meeting Metro Vancouver's commitment to eliminate overflows for one in five years, 24-hour duration rainfall or snow melt events. Funding for this project is under the NSI Flow Management project, which is included in the GVS&DD 2022 Budget and 2022 – 2026 Financial Plan.

The Board endorsed an application for grant funding of \$27 million for the North Surrey Interceptor Flow Management Sanitary Sewer Overflow Tank through the Investing in Canada Infrastructure Program – Environmental Quality.

E2.1 Flood Emergency Response: Regional Solid Waste System Impacts Summary

RECEIVED

The resilience of the regional solid waste system was highlighted during the recent flood emergency. Metro Vancouver's approach of using multiple disposal facilities as well as two organics composting facilities ensured that both organics recycling and garbage disposal services could be maintained during the flood emergency. Metro Vancouver's solid waste system supported adjacent regional district solid waste systems that were impacted by the flood. Overall, the regional solid waste system saw approximately 20 per cent additional garbage during and shortly after the flood emergency.

Disposal bans on recyclables were relaxed as a result of impacts on waste transportation, collection, and processing systems. Mattress recycling fees were waived in a parallel with a relaxation on the disposal ban for mattresses.

As of January 1, waste quantities no longer appear to be impacted by the flood emergency, disposal bans have been reinstated and recycling fees are again being collected for mattresses. Overall impact of the flood emergency on recycling rates are difficult to estimate, and will be more clear once annual calculations of recycling and waste quantities are completed later in 2022.

The Board received the report for information.

E2.2 2021 Integrated Solid Waste & Resource Management Plan Biennial Report

APPROVED

The 2021 Integrated Solid Waste & Resource Management Plan Biennial Report is a progress report on the implementation of the *Integrated Solid Waste and Resource Management Plan*, as required by the province. Metro Vancouver is a North American leader in waste reduction and recycling, with Vancouver recently identified as the greenest city in the world for recycling. The regional recycling rate is 64 per cent and the per capita disposal rate is 0.45 tonnes per year for 2020. The report provides the implementation status of initiatives in the *Integrated Solid Waste and Resource Management Plan*.

The plateauing of recycling rates in recent years highlights the importance of the solid waste management plan update. Key initiatives that will help reduce greenhouse gas emissions and advance recycling in the region include: new recycling and waste centres that maximize recycling and reduction opportunities; beneficial use of bottom ash generated at the Waste-to-Energy Facility; and recovery of alternative fuel and recyclables from small load waste.

The Board directed staff to invite feedback on the draft 2021 biennial report from public stakeholders and Indigenous Nations and to submit the it along with the feedback received to the Ministry of Environment and Climate Change Strategy.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

The Board received information items from standing committees.

Liquid Waste Committee – January 19, 2022

Information Items:

5.3 November 14 - 16, 2021 Wet Weather Event – Operational Responses

This report summarizes Metro Vancouver’s operational response to the extreme storm event in the Lower Mainland and Fraser Valley from November 14 to 16, 2021. The event resulted in record-breaking wet weather flows entering the regional wastewater system and the highest number of breaks and spills in the GVS&DD system during a single event. Operations and maintenance staff responded to the event to minimize infrastructure damage and quickly restore service to normal operating conditions. This event demonstrates the importance of managing inflow and infiltration, as well as continuing to upgrade the region’s wastewater treatment plants and sewer collection system to increase capacity and ensure reliable operations under extreme conditions.

5.5 2021 Our Ocean Thanks You Campaign Results

Microfibres from laundry are one of the largest sources of microplastics pollution in the ocean, where they may be harmful to aquatic life. In 2021, Metro Vancouver launched a new campaign (Our Ocean Thanks You) to ask residents to reduce microfibres by washing in cold water. The campaign ran from September 13 to October 31 and included social media, YouTube, television, digital billboards, Google Adwords, and a campaign website. The campaign performed well, with strong media placement results that delivered 10.6 million impressions, 2,173 engagements, 671,000 video views, 3,025 clicks for more information, 3,457 website visits, and reached 359,000 residents through online tactics. In 2022, the campaign will continue to focus on washing in cold water, while providing additional actions to reduce microfibres on the campaign website. A post-campaign survey will be conducted in 2022 and will help assess how the campaign is reaching residents and influencing behaviour.

Metro Vancouver Housing Corporation

E1.1 Metro Vancouver Housing Naming Framework

APPROVED

The Metro Vancouver Housing Naming Framework is intended to provide guiding principles and a process to support decision-making when naming new development sites, or renaming housing sites (where appropriate) in the case of redevelopment. Metro Vancouver Housing recognizes the opportunity to celebrate the unique history and diversity of the region through naming recognition. The framework outlines key steps in the naming/renaming process such as research and engagement, the establishment of a Naming Advisory Committee, consultation, and communication.

The Board endorsed the framework as presented.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

The Board received an information item from a standing committee.

Housing Committee – January 13, 2022

Information Items:

5.3 Metro Vancouver Housing and Sustainable Building Design and Operations

Metro Vancouver Housing strives to enhance environmental and energy sustainability in its affordable rental housing development while balancing financial sustainability and affordability. This requires alignment with provincial and municipal building standards, Corporate Building Standards, MVH *10-Year Plan* objectives, and funding partner requirements. As an evolving industry, MVH is continually exploring best practices, codes, and standards including: BC Building Code, Vancouver Building Bylaw, BC Energy Step Code, Passive House, LEED, and the National Energy Code for Buildings. This report provides an overview of these standards and some key elements that impact sustainable building design and operations.