



## **For Metro Vancouver meetings on Friday, February 25, 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](mailto:media@metrovancover.org).

## **Metro Vancouver Regional District**

### **E1.1 Board Meeting Start Time**

**APPROVED**

Board Directors were surveyed as to their preferences for regular board meeting start times: keeping the status quo of 9:00 am or deviating from it. Of the 39 respondents, 11 preferred that board meetings continue to start at 9:00 am, 17 preferred a later start time, and 11 expressed no preference.

The Board received the report for information, recommended a 9:15 am start time for the remainder of 2022 Board and Standing Committee meetings, and requested that staff conduct comprehensive review of the *Metro Vancouver Regional District Procedure Bylaw* and report back with suggested changes.

### **E2.1 Development Variance Permit – 6 Strachan Point Road**

**APPROVED**

The MVRD Board is the local planning and building inspection authority for approximately 500 properties in rural portions of Electoral Area A. In December 2021, the property owners at 6 Strachan Point Road, in the Howe Sound mainland community of Strachan Point, applied for a development variance permit in relation to an accessory building that is proposed to be constructed as part of a new single-family dwelling. The proposed variances would vary the *Electoral Area A Zoning Bylaw* to allow for a taller accessory building and a relaxation of the building setback. Feedback received from Strachan Point Estates Ltd. and from individual community residents support the application. As the property is located within 800 metres of a controlled access highway, the Ministry of Transportation and Infrastructure must approve the permit before issuance.

The Board authorized the issuance of a development variance permit in relation to an accessory building at 6 Strachan Point Road that varies *the Electoral Area A Zoning Bylaw* by increasing the maximum accessory building height and reducing the building setback, subject to approval by the Ministry of Transportation and Infrastructure.

### **E2.2 Barnston Island Dike Upgrades – Request to Province**

**APPROVED**

At its February 4, 2022 meeting, the Electoral Area Committee considered a report regarding the need for upgrades to the dike on Barnston Island. Committee members expressed the urgent need for the dike infrastructure upgrades, given the recent weather events in the region and amended the recommendation.

The Board resolved to write a letter to the BC Minister of Public Safety requesting that the Province assess, fund, and coordinate upgrades to Barnston Island dike infrastructure as soon as possible given the increasing risks and impacts of climate change.

**E3.1 Metro 2050 Next Steps: Addressing Member Jurisdiction Comments and Climate Policy****RECEIVED**

At its January 28, 2022 meeting, the Board directed staff to delay readings of the *Metro 2050* bylaw by one month with an aim to resolving outstanding member jurisdiction concerns, and considering whether stronger climate action can be integrated into *Metro 2050* or concurrent policy work and consensus building on stronger climate action undertaken with an aim to amending *Metro 2050* post adoption.

The intent of the one-month delay is to allow time to meet with member jurisdictions with outstanding issues to see if any additional minor changes to *Metro 2050* are necessary to resolve those issues, as well as to provide additional information to the Regional Planning Committee and the MVRD Board on the climate policies included in *Metro 2050* and its relationship with *Climate 2050* and *Transport 2050*, while striving to keep to the Board approved timeline for *Metro 2050* adoption by July 2022.

The Board received the report for information.

**E3.2 Regional Land Use Assessment – Scope of Work****RECEIVED**

The Regional Land Use Assessment builds on the work undertaken by the Industrial Lands Inventory and Regional Industrial Lands Strategy, by broadening the areas of focus to include all land uses across the region. Funded through the Sustainability Innovation Fund program, Metro Vancouver is retaining a consultant to complete the assessment over the course of 2022. The work will include: a comprehensive GIS inventory of lands across the region and their attributes; a standardization of general land use classifications; a determination of the current capacity of the available land supply and estimated land requirements for anticipated growth over the next 30 years based on Metro Vancouver's growth projections; and developing an associated methodology, which will inform and feed into subsequent work and multiple regional planning initiatives such as the Growth Management and Infrastructure Model, which is currently being developed.

The Board received the report for information.

**E3.3 Regional Industrial Lands Strategy Implementation – Impacts of E-Commerce on Industrial Land and Transportation Systems – Scope of Work****RECEIVED**

The Regional Industrial Lands Strategy (RILS) was approved by the Metro Vancouver Board in July 2020, after over two years of research and engagement work. The strategy identified 10 priority actions and 34 recommendations. This report outlines the scope of work for the Impacts of E-Commerce on Industrial Land and Transportation Systems project, which is one of the recommended actions from RILS.

The project will study the impacts of e-commerce on industrial land and transportation systems in the Metro Vancouver region. The results of the study will further the understanding of the implications of the accelerated growth in e-commerce, accelerated in part by the COVID-19 pandemic, on industrial lands for the distribution of goods as well as associated transportation and employment impacts in the region.

The Board received the report for information.



**E3.4 Housing and Transportation Cost Burden Study Update – Scope of Work****RECEIVED**

The *Housing and Transportation Cost Burden Study*, first completed in 2015, is being updated to reflect the latest available data and account for changes in the region’s housing and transportation landscape. The update will investigate the impact of combined housing and transportation costs on households in Metro Vancouver and assess whether the 2015 findings that: renters and lower income families are most impacted by this cost burden and that living near transit makes it easier to absorb high housing costs, remain true. The work will be completed by mid-2023.

The Board received the report for information.

**E3.5 Regional Hazard, Risk, and Vulnerability Data Inventory – Scope of Work****RECEIVED**

This report provides an overview of the planned study to develop a hazard, risk, and vulnerability data inventory for the Metro Vancouver region. The objective of this work is to prepare an inventory of currently available data and data gaps, along with best practices, as a first step in developing a shared understanding of hazard, risk, and vulnerability in the region. The study will serve as a baseline to inform future work pertaining to resilience, in alignment with the regional growth strategy. The project is expected to be completed by the end of 2022 and findings will be provided to the Regional Planning Committee and MVRD Board.

The Board received the report for information.

**E4.1 2022 Regional District Sustainability Innovation Fund Applications****APPROVED**

This report presents eight projects recommended for funding, totaling \$2,495,000 over three years, which will be funded through the Regional District Sustainability Innovation Fund. The projects cover a wide range of climate action areas including reducing transportation and building emissions, improving the air quality monitoring network, growing the region’s net zero water technology sector, and encouraging alternative powered park operations and maintenance equipment. The Board approved the allocation from the Regional District Sustainability Innovation Fund for the following projects:

- Showcasing Innovation in Alternative Powered Park Operations and Maintenance Equipment to Reduce Emissions: \$35,000 in 2022
- Social and Community Data Model – Phase 2: \$180,000 over two years starting in 2022
- Net Zero Water Technology Accelerator: \$175,000 over two years starting in 2022
- Integrating Greenhouse Gases Requirements into Air Emission Permits and Regulations: \$150,000 over two years starting in 2022
- Taking out the Trash: Transitioning to Zero-Carbon Heavy Duty Vehicles through Waste Collection Trucks: \$400,000 over three years starting in 2022
- Metro Vancouver Large Building Retrofit Accelerator: \$850,000 over three years starting in 2022
- Driving Down Emissions: Working with Key Partners to Develop a Regional Pathway to Accelerate Transportation Emission Reductions: \$455,000 over two years starting in 2022
- Smart Cities: Hyperlocal Air Quality Monitoring: \$250,000 over two years starting in 2022

**E4.2 Alignment between MoveUP Proposal and Metro Vancouver Climate 2050 Buildings Roadmap** **APPROVED**

At its January 14, 2022 meeting, the Climate Action Committee received an invited presentation from the Canadian Office and Professional Employees Union, MoveUP.

Buildings are the second largest source of greenhouse gas (GHG) emissions in the region, contributing about 25 per cent of total GHGs. The MoveUP proposal seeks to establish a new provincial agency with a focus on retrofitting existing buildings and reducing GHG emissions. Responding to the Committee's direction to staff to analyze the alignment of the proposal with the *Climate 2050 Buildings Roadmap*, staff note that there is good alignment but are recommending further engagement with MoveUP to refine the proposal and seek opportunities to build it into the existing work plan for building retrofits.

The Board directed staff to engage with the MoveUP as part of the implementation of the *Climate 2050 Buildings Roadmap*, to seek opportunities for collaboration related to their proposal.

**E4.3 Metro Vancouver Application to Intervene in the BC Utilities Commission Proceeding Related to FortisBC Energy Inc.'s Revised Renewable Natural Gas Program** **RECEIVED**

In December 2021, FortisBC Energy Inc. submitted an application to the BC Utilities Commission for approval of a revised renewable gas program, under which customers in existing buildings would receive a blend of conventional (fossil) and renewable natural gas, starting at one per cent renewable in 2024. FortisBC has also proposed that all new residential buildings would receive 100 per cent renewable natural gas, at the same cost as conventional natural gas. Renewable natural gas is in limited supply, and its preferential use in new buildings could have impacts on the achievement of the greenhouse gas reduction targets adopted by the MVRD Board.

To meet deadlines imposed by the process, Metro Vancouver staff have applied as intervenors in the BC Utilities Commission proceeding, along with District of North Vancouver, City of Richmond, City of Surrey and City of Vancouver. Staff will report back to the Board, through the Climate Action Committee, to seek direction on Metro Vancouver's position as the proceeding unfolds.

The Board received the report for information.

**E5.1 Invest Vancouver 2022 Annual Plan** **RECEIVED**

Building upon the valuable relationships, connections, and partnerships across the region established in 2021, staff developed the Invest Vancouver 2022 Annual Plan to articulate the strategic goals and objectives that will guide Invest Vancouver's work this year and the alignment of these goals with the four areas of strategic priority. The goals and objectives within the report are consistent with the 2022 budget.

The Board received the report for information.



**E5.2 2022 CanExport Community Investment Grant Award****RECEIVED**

The CanExport Community Investment program awarded Invest Vancouver grant approval for up to \$218,245. The grant is dedicated to supporting projects that serve to attract, retain, and expand foreign direct investment and provides reimbursement of up to 50 per cent of eligible expenses. Projects must be completed between January 1 and December 31, 2022. Invest Vancouver proactively aligned its CanExport Community Investment project proposals with planned work activities for the 2022 year. In order to implement projects effectively, project management documents will be generated in order to sequence work, manage budget and procurement processes, and identify and collaborate with project partners.

The Board received the report for information.

**E5.3 Preliminary Industry Cluster Mapping****RECEIVED**

Invest Vancouver has selected seven key regional industry clusters in which the Metro Vancouver region has a strategic or productive advantage to focus regional economic prosperity priorities, including investment attraction activities. The preliminary mapping of the industry clusters uses data from PitchBook and Emsi Analyst to understand the scope, scale, and regional distribution of each industry, in addition to the industrial specializations and in-demand skills contained within their associated labour markets.

The preliminary mapping furthers understanding of the industry clusters and sets the grounding for a more in-depth investigation of these industries, including the in-depth predictive analytics project that is forthcoming. Pending the results of that project, the initial scan will be used to inform the Invest Vancouver research agenda focused on our key industrial specializations, value propositions, and gaps that will be used to help inform decision-making on economic development policies, projects, and programs.

The Board received the report for information.

**G1.1 Regional Growth Strategy Amendment Bylaw No. 1328 – South Campbell Heights, City of Surrey – Additional Information****APPROVED**

At its January 28, 2022 meeting, the MVRD Board referred the South Campbell Heights matter back to staff to discuss concerns raised by Board members with City of Surrey staff. Staff met with City of Surrey staff who subsequently took a report to Surrey Council with an aim to providing additional information to address concerns expressed by MVRD Board members. The Surrey report provides additional information about environmental and aquifer protection, meetings with the Semiahmoo First Nation and others, the utility implications of the proposal, the permitted uses in the Mixed Employment regional land use designation, and overall sustainability considerations.

The Board received comments from affected local governments, First Nations, and agencies for information. In addition, the bylaw to amend the Metro 2040 land use designations for the South Campbell Heights area was provided for consideration of final reading and adoption.

After substantial discussion about the proposed amendment, the Board passed and finally adopted *Metro Vancouver Regional District Regional Growth Strategy Amendment Bylaw No. 1328, 2021*.

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

**RECEIVED**

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

### **Regional Parks Committee – February 9, 2022**

Information Items:

#### **5.1 Delta Nature Reserve and Delta South Surrey Greenway – Public Engagement Summary**

In 2021, staff completed a background report and phase one engagement on park planning and key directions for a park management plan for the Delta Nature Reserve, the Burns Bog Ecological Conservancy Area lands east of Highway 91, and the Delta South Surrey Greenway.

Phase one engagement results showed strong support for protecting the ecological value of the lands coupled with a desire for more educational opportunities, improved access, and additional park amenities. This information report reviews the results of phase one engagement.

Initial engagement with First Nations has determined that a cultural study for the lands should be completed as next step in the management planning process and as part of broader engagement with Indigenous communities. The draft management plan will be brought to the MVRD Board in 2023 for consideration ahead of phase two engagement.

#### **5.2 Surrey Bend Regional Park – Ministry of Transportation and Infrastructure Proposal for Off-Channel Habitat Enhancement**

The Ministry of Transportation and Infrastructure is interested in funding habitat restoration within Surrey Bend Regional Park as habitat compensation for one of their infrastructure projects. The proposed compensation project would create 5,000 m<sup>2</sup> of aquatic habitat as well as 6,975 m<sup>2</sup> of revegetated riparian area. Staff will work with the Ministry's staff and consultants to investigate the feasibility of this project. If it is found to be in the interest of both parties, an agreement will be drafted and brought back to the MVRD Board for approval.

### **Regional Planning Committee – February 10, 2022**

Delegation Summaries:

#### **3.1 Alex Boston, Simon Fraser University**

Subject: *Metro 2050* climate course correction vision and strategic alignment for the region



**Finance Committee – February 10, 2022**

Information Items:

**5.2 Authorization to Attend 2022 Standing Committee Events**

This report brings forward conferences and events for approval by the Finance Committee, as required by the *Remuneration Bylaw*, as these were approved in the 2022 budget. Twenty-two events were identified given their relevance to the various standing committee mandates; each event presents an opportunity for committee members to participate in learning, interaction, and engagement with other North American organizations, and to represent Metro Vancouver. Given the COVID-19 pandemic, attendance at these events varies between virtual and in-person. Selection of committee member participation will be considered at upcoming standing committees, which will then require Board chair approval as the final step.

**5.3 Authorization to Attend 2022 International Events**

This report brings forward international conferences and events for approval by the Finance Committee, as required by the *Remuneration Bylaw* as part of the Board-adopted *Leadership and Engagement Policy*. In accordance with the policy, Metro Vancouver will participate at both a national and international level, in events that promote Metro Vancouver in a leadership role, provide opportunity for engagement and continuous improvement in the advancement of organizational goals, allow for the acquisition of knowledge and skills which directly benefit the organization and region, provide influence on decisions elsewhere in cities or regions which have a direct or indirect benefit to Metro Vancouver, offer the provision of assistance to other cities or regions in the world, and enhance Metro Vancouver's reputation in the international community. Representation and attendance at 2022 international events and conferences require support and approval from the Finance Committee.

**5.4 Metro Vancouver Long Term Financial Planning**

In 2017, Metro Vancouver established the development of five-year financial plans, which recognizes the importance of examining the financial impacts of Metro Vancouver services beyond one year. In the 2022 budget cycle, it was acknowledged that further work is required to analyze the financial impact of Metro Vancouver services given its projects are often beyond five years. This report provides information on the progress to date on the development of the long-term financial planning framework and outlines the consultation plan and the timeline for the development of Metro Vancouver's Long Term Financial Plan.

**Climate Action Committee – February 11, 2022**

Delegation Summaries:

**3.1 Alex Boston, Simon Fraser University**

Subject: *Climate 2050* Land Use Policy Implications – Preliminary Analysis & Land Use Big Moves to Meet Targets

## Indigenous Relations Committee – February 16, 2022

Information Items:

### 5.2 Quarterly Report on Reconciliation Activities

This report provides a summary of reconciliation events and activities undertaken by Metro Vancouver over the past several months as well as information on upcoming events and activities over the next few months.

## Greater Vancouver Water District

### E1.1 2022 Water Sustainability Innovation Fund Applications

**APPROVED**

This report presents six projects recommended for funding, totaling \$2,980,000 over three years, which will be funded through the Water Sustainability Innovation Fund. The projects cover a wide range of climate action areas including habitat protection, energy use, and the equity and affordability of drinking water.

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

- 10-year Salmon Enhancement Action Plan: \$180,000 over two years starting in 2022
- Hydrological Models for the Capilano and Seymour Watersheds: \$750,000 over three years starting in 2022
- Digital Transformation of Water Transmission System Planning and Analysis: \$950,000 over three years starting in 2022
- Feasibility Study to Optimize Transmission System Energy Use: \$350,000 over two years starting in 2022
- Regional Equity and Affordability of Drinking Water: \$550,000 over three years starting in 2022
- New Technology for the Determination of E.Coli in Recreational Water to Enhance Public Safety: \$200,000 over two years starting in 2022

## Greater Vancouver Sewage and Drainage District

### E1.1 Northwest Langley Wastewater Treatment Plant Expansion Program – Ground Improvements & Reload Project Update

**APPROVED**

At its February 9, 2022 meeting, the Liquid Waste Committee considered the report, Northwest Langley Wastewater Treatment Plant Expansion Program – Ground Improvements & Reload Project Update, and passed the recommendation in the staff report as presented above.

Since the committee meeting, staff identified a correction to be made to the report, regarding the size of the four phases of ground improvement site, which has been corrected in the attached report.



The expansion of the Northwest Langley Wastewater Treatment Plant, designed to provide additional network capacity for 200,000 residents and reduce sanitary sewer overflow events, requires significant ground improvements work to provide climate change and post-disaster resiliency. The ground improvements work completed to date has uncovered a large newly registered archeological site, with the recovery of over 2,000 artifacts thus far.

Appropriate inspection, investigation, and recovery of new archeological findings on the full construction site are expected to take an additional two years, impacting the planned completion of the expanded plant. This time will allow Metro Vancouver to conduct an accelerated business case as to whether the size of the plant should be increased to account for the accelerated growth observed in North Surrey.

The Board received the report for information.

**E1.2 Award of Phase C2 Engineering Construction Services RFP No. 14-163 for the Installation of Burnaby Lake North Interceptor No.2 – Winston St Ph. 2 - Trenchless Section**

**RECEIVED  
APPROVED**

In 2014, GVS&DD issued Request for Proposal (RFP) No. 14-163: Consulting Engineering Services for Design and Construction of the Burnaby Lake Interceptor No. 2. Contracts for the preliminary design, detailed design (Phases A and B) and Phase C1 – Open Cut – Engineering Construction Services were awarded to AECOM Canada Limited.

The Board approved award of Phase C2, Engineering Construction Services, for an amount of up to \$4,227,265 (exclusive of taxes) to the Phase A, B and C1 consultant, AECOM Canada Ltd., for the Installation of Burnaby Lake North Interceptor No.2 – Winston St Ph.2 – Trenchless Section, subject to final review by the Commissioner.

**E1.3 Award of Contract Resulting from RFQ No. 21-457: North Shore Wastewater Treatment Plant (NSWWTP) Project**

**APPROVED**

Metro Vancouver terminated its contract with Acciona Wastewater Solutions LP and is moving forward with a new contracting model to complete the North Shore Wastewater Treatment Plant project. Under the new model, Metro Vancouver will work with a general contractor to finalize construction and a design consultant to finalize the design and provide quality assurance. The delivery model for the general contractor is similar to an early contractor involvement contract, whereby the general contractor will provide constructability expertise during the completion of the design (Contract 1). If successful negotiation of a guaranteed maximum price or fixed price agreement can be made, then a recommendation for the contractor to assume the construction of the facility (Contract 2) will be brought back to the Board for approval. This contract model is based on a cost-competitive strategy that allows for collaboration between contractor, designer, and Metro Vancouver while mitigating overall schedule delays.

The contract opportunity was a publicly posted request for qualifications and was conditional on the termination of the existing contract. Metro Vancouver engaged professional advisors, a fairness monitor, and a due diligence reviewer in the evaluation process.

The Board approved the award of contract RFQ No. 21-457: North Shore Wastewater Treatment Plant Project to PCL Constructors Westcoast Inc., Contract 1 for Early Contractor Involvement and Construction Management Services estimated at \$40 million, subject to final review by the Commissioner.

### **E2.1 2022 Liquid Waste Sustainability Innovation Fund Application**

**APPROVED**

This report presents Phase 1 of the Biorock: Innovative Building Material for Shoreline Protection, Carbon Sequestration, and Habitat Creation project recommended for funding, totaling \$270,000 over two years, which will be funded through the Liquid Waste Sustainability Innovation Fund.

The Board received the report for information.

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

**RECEIVED**

The Board received information items from standing committees.

#### **Liquid Waste Committee – February 9, 2022**

Information Items:

#### **5.2 2021 "Wipe It, Green Bin It" Campaign Results**

The disposal of fats, oils, and grease (FOG) into the regional sewer system is an ongoing issue that costs the region over \$2.7 million a year. The 2021 "Wipe It, Green Bin It" campaign ran in the lead-up to Thanksgiving and over the December holidays, asking residents to put FOG in their green bins and not down their sinks. The campaign included social media, YouTube, television, Google adwords, banner ads, and a website. It delivered over 11 million impressions, 8,316 engagements, 1.9 million video views, 12,000 clicks for more information, 8,312 website visits, and reached 430,000 residents through online tactics.

Five years later, the "Wipe It, Green Bin It" campaign has achieved a solid level of awareness; post-campaign survey results show the number of residents who say they dispose of FOG into the drain dropped from 41 per cent in 2018 to 33 per cent in 2021. The campaign will run in 2022 using similar timing and creative.

#### **Zero Waste Committee – February 11, 2022**

Delegation Summaries:

#### **3.1 Sue Maxwell, Director, Zero Waste BC**



Information Items:

### **5.1 Solid Waste Management Plan Update – Solid Waste and Recycling Industry Advisory Committee and Solid Waste Management Plan Public/Technical Advisory Committee**

As part of the development of an updated Solid Waste Management Plan, Metro Vancouver is initiating two new advisory committees: Solid Waste and Recycling Industry Advisory Committee and Solid Waste Management Plan Public/Technical Advisory Committee.

Submissions for participation in the Industry Advisory Committee and applications for the Public/Technical Advisory Committee were received from December 10, 2021 to January 31, 2022. Approximately 30 Industry Advisory Committee submissions and more than 90 Public/Technical Advisory Committee applications were received over the seven-week period. The Industry Advisory Committee and Public/Technical Advisory Committee opportunities were shared broadly through email notifications to over 770 and 1,200 contacts, respectively. The first meeting of the Industry Advisory Committee is scheduled for March 1, 2022. The Public/Technical Advisory Committee membership will be selected by the Zero Waste Committee and GVS&DD Board in upcoming closed meetings following review of staff recommendations by the solid waste management plan Independent Consultation and Engagement Panel.