

For Metro Vancouver meetings on Friday, January 29, 2021

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 Metro 2040 Climate Change and Natural Hazards Policy Review – Recommendations APPROVED

The Metro 2040 Climate Change and Natural Hazards Policy Review is one of several themed policy reviews being undertaken to inform Metro 2050. The policy review identified that the regional growth strategy is underutilized as a tool to meet the region’s climate change objectives and that content related to adaptation and natural hazards is a notable gap. The policy review recommendations focus on:

- applying a climate lens to Metro 2050 with an emphasis on integrating with Climate 2050;
- ensuring member jurisdictions specify how they will meet the region’s GHG emissions reduction target;
- identifying and mapping regional-scale natural hazards, risks and vulnerabilities; and
- encouraging regional growth patterns that incorporate emergency management, utility planning, and climate change adaptation considerations.

The Board endorsed the Metro 2040 Climate Change and Natural Hazards Policy Review recommendations as presented as the basis for updating the climate change and natural hazards-related policies in the regional growth strategy.

E 1.2 Metro Vancouver Regional Industrial Lands Strategy – Endorsements RECEIVED

The Metro Vancouver Regional Industrial Lands Strategy was approved by the MVRD Board on July 3, 2020 and has since been sent to member jurisdictions and non-voting Industrial Lands Strategy Task Force member agencies requesting their endorsement and implementation, as appropriate. To date, four organizations have formally responded:

- Two member jurisdiction Councils have endorsed the strategy noting the relationship between it and municipal plans and objectives;
- The Squamish-Lillooet Regional District Board supports the development of a provincial framework for economic and land use planning coordination between neighbouring regions, and the identification of options to expand economic linkages with trade-oriented and industrial uses along major highway and rail corridors; and
- The Agricultural Land Commission emphasizes that the protection of the existing industrial land supply should be further pursued, including through an industrial land reserve, and expresses support for the assertion in the strategy that agricultural land conversion is not an appropriate solution to the industrial land supply shortage.

The Board received the report for information.

E2.1 TransLink Application for Federal Gas Tax Funding for 2021–2023 Fleet Replacement, Elevating Devices and Charging Infrastructure **APPROVED**

TransLink has requested the approval of eight projects for funding from the Greater Vancouver Regional Fund totaling \$154.13 million. The projects are drawn from TransLink’s 2018-2027 Investment Plan and Low Carbon Fleet Strategy. One of the projects involves upgrading electrification infrastructure at the Port Coquitlam Transit Centre, which is required to deploy the 57 battery-electric buses.

Staff review concluded the application is broadly consistent with the MVRD Board’s policies on regional growth management, improving air quality, and climate protection, as well as the Board’s interest in supporting economic prosperity.

The Board approved \$154.13 million in funding from the Greater Vancouver Regional Fund for the following transit projects proposed by TransLink in its 2021 Application for Federal Gas Tax Funding, for the following projects:

1. 2022 HandyDART Vehicle Purchase – Replacement
2. 2022 Community Shuttle Purchase – Replacement
3. 2021 CMBC Service Support Vehicles – Replacement
4. 2021 BCRTC Service Support Vehicles – Replacement
5. BCRTC Elevating Devices – Elevators
6. BCRTC Elevating Devices – Escalators
7. 2023 Conventional Bus – Replacement
8. Port Coquitlam Transit Centre Facility Improvements for Phase 2 Expansion

G1.1 Municipal Finance Authority Spring 2021 Borrowing for Maple Ridge – MVRD Security Issuing Bylaw No. 1317, 2021 **APPROVED**

As set out in the Community Charter, the Board must adopt a security issuing bylaw in order to enable the City of Maple Ridge to proceed with their long term borrowing request of \$29,000,000. This borrowing relates to six infrastructure projects. The City’s total estimated annual debt servicing costs for existing and new proposed debt combined is approximately \$12,687,000 which is roughly 37.6% of their liability servicing limit of \$33,715,000.

The Board gave consent to City of Maple Ridge’s request for financing in the amount of \$29,000,000 pursuant to Sections 182(1)(b) and 182(2)(a) of the Community Charter; gave first, second and third readings to an Issuing Bylaw; passed and finally adopted said bylaw, and will forward it to the Inspector of Municipalities for Certificate of Approval.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

The Board received information items and a delegation summary from Standing Committees.

Regional Planning Committee – January 14, 2021

Information Items:

5.3 Metro 2040 Implementation Section Policy Review: Ideas for Exploration

To inform the update to the regional growth strategy, Metro Vancouver is undertaking a series of policy reviews, including for the Implementation Section (Metro 2040 Section F), which considers the procedural issues with implementing, administering, and amending the regional growth strategy.

Taking into account the knowledge and experience gained from administering Metro 2040 since its adoption in 2011, as well as policy research, best practices, and input from member jurisdictions, the following are policy ideas that are being explored:

1. the effectiveness of a regional public hearing as a means for engagement for type 2 minor amendments;
2. change the type of minor amendment from a Type 3 to a Type 2 for the conversion of industrial to general urban;
3. increasing MVRD Board weighted voting thresholds for minor amendment types; and
4. reviewing the provision for municipal flexibility clause

Performance and Audit Committee – January 14, 2021

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 2020 financial statements will be presented to the Performance and Audit Committee at its April meeting, prior to Board approval.

This report includes an audit planning report prepared by BDO Canada LLP, which 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.

5.3 Project Delivery Best Practice Response – Project Estimating Framework

In February 2020, Metro Vancouver formed the Project Delivery Department to respond to the complex challenges presented by the unprecedented scale of capital projects, the layers of complexity, and market influences. A high level review of Metro Vancouver practices related to project delivery was undertaken shortly thereafter by an independent consultant and a group of experts with expertise in reviewing and constructing multibillion dollar projects.

They identified strategic areas of opportunities within the areas of leadership, governance, commerce, stakeholder engagement, and technical knowledge. This third update to the Board provides information regarding best practice response in the area of project cost estimating and control.

5.5 Tender/Contract Award Information – September 2020 to November 2020

During the period September 1, 2020 and November 30, 2020, the Purchasing and Risk Management Division issued sixteen (16) new contracts, each with a value in excess of \$500,000 (exclusive of taxes). In addition, there were seven (7) existing contracts requiring contract amendments which necessitate further reporting to the Performance and Audit Committee. 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.

Climate Action Committee – January 15, 2021

Delegation Summaries:

3.1 Ruth Simons, Project Lead, Howe Sound Biosphere Region Initiative Society

Greater Vancouver Water District

I 1 Committee Information Items and Delegation Summaries

RECEIVED

The Board received an information item from a Standing Committee.

Water Committee – January, 21, 2021

Information Items:

5.2 Water Meter Upgrade Program

Metro Vancouver operates over 200 flow meters, located either at boundaries of GVWD members or at some individual connections, to measure the amount of drinking water utilized by the region. The region annually consumes around 385 billion liters of water per year and that translates to around \$285 million in revenue. Metro Vancouver continues to improve the collection and processing of data by the continued improvements made through the Water Meter Upgrade Program (WMUP). This program allows Metro Vancouver to continually improve data collection, which in turn results in improved billing accuracy for our members. Accurate water consumption data also allows the region to focus on targeted water conservation initiatives.

Greater Vancouver Sewage and Drainage District

E1.1 Award of Phase D and E – Construction Support and Post-Construction Services for Northwest Langley Wastewater Treatment Plant River Crossing – Consulting Engineering Services **APPROVED**

In June 2018, the Board approved the award of a contract for design and construction engineering services for a new sewer forcemain crossing of the Fraser River at Northwest Langley Wastewater Treatment Plant (NLWWTP). The crossing will convey sewage from Maple Ridge and Pitt Meadows across the Fraser River to the upgraded NLWWTP. The first three phases were related to the design of the crossing were awarded to McMillen Jacobs Associates for \$4,218,203 in June 2018.

This report recommended awarding the final two phases of the work, related to construction management, to McMillen Jacobs Associates in the amount of up to \$2,440,656 (exclusive of taxes). The total design and construction management services awarded to McMillen Jacobs Associates will be \$7,376,360, which includes \$717,501 worth of change orders and escalation.

The Board approved the award of a contract in the amount of up to \$2,440,656 (exclusive of taxes) to McMillen Jacobs Associates for the Northwest Langley Wastewater Treatment Plant River Crossing – Consulting Engineering Services, subject to final review by the Commissioner.

E1.2 Award of Contract Resulting from Request for Proposal (RFP) No. 20-131: Installation of the Gilbert Trunk Sewer No. 2 Gilbert Road South Section **APPROVED**

The Gilbert Trunk Sewer in the City of Richmond is in a deteriorated condition. The Gilbert Trunk Sewer No. 2 will replace the old infrastructure and provide additional capacity for future growth.

Request for proposal (RFP) No. 20-131 was issued for the installation of Gilbert Trunk Sewer No. 2 – Gilbert Road South Section. RFP No. 20-131 to five prequalified entities and closed on September 3, 2020. Jacob Bros. Construction Inc. and Stuart Olson Construction Ltd. provided a joint submission and were ranked highest overall.

The Board approved the award of a contract for an amount of up to \$25,037,800 (exclusive of taxes), to Jacob Bros. Construction Inc. / Stuart Olson Construction Ltd., resulting from RFP No. 20-131, for the installation of Gilbert Trunk Sewer No.2 Gilbert Road South Section, subject to final review by the Commissioner.

E1.3 Award of Contract Resulting from Tender No. 20-202: Annacis Island Wastewater Treatment Plant Gates and Hydraulic System for Influent Control Chamber Channel **APPROVED**

The Board approved the award of a contract for an amount of \$7,220,500 (exclusive of taxes), to Maple Reinders Constructors Ltd. resulting from Tender No. 20-202: Annacis Island Wastewater Treatment Plant Gates and Hydraulic System for the Influent Control Channel Chamber, subject to final review by the Commissioner.

E1.4 Extension of Contract Resulting from RFP No. 15-092: Biosolids Soil Design, Fabrication, Marketing, Sales and Distribution **APPROVED**

The Liquid Waste Management Plan requires Metro Vancouver to beneficially use biosolids. Metro Vancouver biosolids have been beneficially used since 2010 as an ingredient in landscaping soil that is fabricated, marketed, sold and distributed in the region. The existing contract with Arrow Transportation Systems Inc. (Arrow) resulting from request for proposal (RFP) No. 15-092 includes an option to extend by up to five years. Metro Vancouver is satisfied with Arrow's performance and would like to continue with this option for managing biosolids in the region.

The Board approved a contract extension in the amount of up to \$7,339,000 (exclusive of taxes) to the current contractor, Arrow Transportation Systems Inc., for biosolids management resulting from request for proposal RFP No. 15-092: Biosolids Soil Design, Fabrication, Marketing, Sales and Distribution, subject to final review by the Commissioner.

E1.5 Award of Contract Resulting from Standing Request for Expression of Interest SRFEOI No. 19-283: Biosolids Management at Fraser Valley Aggregates **APPROVED**

The Liquid Waste Management Plan requires Metro Vancouver to beneficially use biosolids. Metro Vancouver biosolids have been beneficially used at Fraser Valley Aggregates (FVA) properties since 2018 to reclaim exhausted gravel pits for agricultural use. Arrow Transportation Systems Inc. (Arrow) submitted a proposal to beneficially use biosolids to reclaim neighbouring FVA gravel pits in Abbotsford in response to the standing request for expressions of interest (SRFEOI) No. 19-283: Biosolids Management. Arrow has demonstrated successful management of biosolids for Metro Vancouver.

The Board approved award of a contract in the amount of up to \$16,866,000 (exclusive of taxes) to Arrow Transportation Systems Inc. for biosolids management at the Fraser Valley Aggregates gravel pits, resulting from Standing Request for Expressions of Interest No. 19-283: Biosolids Management, subject to final review by the Commissioner.

E1.6 Award of Contract Resulting from Standing Request for Expression of Interest SRFEOI No. 19-283: Biosolids Management at Copper Mountain Mine **APPROVED**

The Liquid Waste Management Plan requires Metro Vancouver to beneficially use biosolids. Metro Vancouver biosolids have been beneficially used for reclamation at Copper Mountain Mine since 1995. Arrow Transportation Services Inc. submitted a proposal to continue the beneficial use of biosolids at Copper Mountain Mine in response to the standing request for expressions of interest (SRFEOI) No. 19-283: Biosolids Management. Arrow has demonstrated successful management of biosolids for Metro Vancouver and proposed a reasonable price.

The Board approved award of a contract in the amount of up to \$10,705,290 (exclusive of taxes) to Arrow Transportation Services Inc. for biosolids management at Copper Mountain Mine, resulting from Standing Request for Expressions of Interest No. 19-283: Biosolids Management, subject to final review by the Commissioner.

E2.1 Solid Waste Management Plan Independent Consultation and Engagement Panel: RECEIVED
Progress Update

The Solid Waste Management Plan Independent Consultation and Engagement Panel (Consultation and Engagement Panel) was convened in October 2020 to support a robust consultation and engagement process for the development of an updated solid waste management plan. The Consultation and Engagement Panel has since held four meetings to discuss engagement and provide guidance on the development of a draft engagement program. A pre-engagement phase including opportunities for stakeholders to connect directly with the Consultation and Engagement Panel will occur over the next few months in advance of an engagement program being brought forward to the Zero Waste Committee and Board for consideration. A separate First Nations engagement strategy outlining a government-to-government engagement approach will be developed. Guidelines for Consultation and Engagement Panel communications with First Nations and stakeholders have been developed by the Consultation and Engagement Panel and are included as an attachment to this report.

The Board received the report for information.

E2.2 Alternative Fuel and Recyclables Recovery Interim Processing Strategy APPROVED

With the development of the United Boulevard and Central Surrey Recycling and Waste Centres, approximately 60,000 tonnes per year of material delivered by small vehicles (small load waste) will be available for recovery of alternative fuel and recyclables. Recovering alternative fuel and recyclables from this material will reduce greenhouse gas (GHG) emissions through the offset of fossil fuels and recycling of materials such as metals.

This report recommended an interim approach for managing the small load waste by processing it at one or more existing private facilities. The GHG emission reductions resulting from the project are expected to be up to 20,000 tonnes per year. Metro Vancouver will continue to plan for/explore the feasibility of developing a permanent facility that has the potential to reduce GHG emission by up to 85,000 tonnes per year with the interim approach, providing important information in support of that work.

The Board approved initiating procurement for the processing of approximately 60,000 tonnes per year of small load waste to recover recyclables and alternative fuel.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

The Board received an information item from a Standing Committee.

Liquid Waste Committee – January, 21, 2021

Information Items:

5.2 Inflow and Infiltration Action Strategy

Inflow and infiltration, defined as contributions of extraneous rainwater and groundwater, is conveyed along with separated sanitary sewage through sanitary sewers to treatment facilities. Excessive amounts of inflow and infiltration during wet weather can cause sanitary sewer overflows (SSOs) whereby diluted sanitary sewage overflows from the sewerage system, resulting in risk to public and environmental health. A range of municipal and regional actions for improved inflow and infiltration management have been implemented as identified in the 2011 Integrated Liquid Waste and Resource Management Plan (ILWRMP); however, SSOs continue to occur around the region during wet weather.

Accelerated actions are required to better manage the sources of inflow and infiltration (“demand side”) and also ensure that sufficient sewerage capacity (“supply side”) is available to manage, at minimum, the agreed allowance for inflow and infiltration without SSOs. These actions will be integrated into an Inflow and Infiltration Action Strategy that supports and aligns with the review and update of the ILWRMP.

Metro Vancouver Housing Corporation

E1.1 Metro Vancouver Housing Tenant Relocation Strategy

APPROVED

The Metro Vancouver Housing 10-Year Plan seeks to expand Metro Vancouver Housing’s portfolio of affordable rental units through the strategic redevelopment of its existing housing sites. MVH aims to make a meaningful contribution to the region’s housing crisis through the provision of new affordable housing units while minimizing the impacts of relocation on existing tenants. This report summarizes the proposed Tenant Relocation Strategy, and outlines MVH’s commitment to supporting tenants and meeting and exceeding the requirements of provincial legislation and local government policies.

The Tenant Relocation Strategy includes the following provisions:

- detailed tenant relocation plans for each project;
- one-on-one support for tenant households, including a minimum of three relocation offers;
- moving costs and compensation that meets or exceeds the requirements of municipal policies and the provincial Residential Tenancy Act;
- Right of first refusal to a suitable replacement unit in the new building; and,
- below-market rents in interim and replacement housing units.

The Board endorsed the Metro Vancouver Housing Tenant Relocation Strategy as presented.

E1.2 Metro Vancouver Housing – Approach to Integrated Childcare Facilities if Funding Support is Not Available **APPROVED**

In 2020, staff explored opportunities to integrate childcare facilities in new Metro Vancouver Housing developments and to seek funding from the Childcare BC New Spaces Fund. Metro Vancouver Housing has identified opportunities for childcare facilities or in-home day-care units in five of its upcoming priority developments, and has applied for provincial funding support.

This report explores the capital and long-term financial implications of the proposed childcare facilities and finds the impacts are quite minimal. If MVH receives funding from the New Child Care Spaces Fund, this will lessen MVH's equity contributions, rather than covering essential capital costs to build the facilities.

The Board endorsed the recommended approach to proceed with integrated childcare facilities as a priority amenity in new developments even if external funding support is not available.

E1.3 Managing Metro Vancouver Housing Energy and Greenhouse Gas Emissions – 2014 to 2018 **RECEIVED**

Metro Vancouver Housing uses energy to heat, light, and ventilate its portfolio of residential buildings, to manage solid waste generated at those buildings, and to operate its small fleet of vehicles. Energy use represents one of Metro Vancouver Housing's largest operating costs and is the primary source of its greenhouse gas (GHG) emissions. For the period of 2014 through 2018, this report provides an update on Metro Vancouver Housing energy trends and actions to improve energy efficiency, support a transition to renewable energy, and achieve GHG emissions reductions, in the context of the Metro Vancouver Housing 10-Year Plan, the Corporate Energy Management Policy, Climate 2050, and new regional GHG reduction targets.

Over the period reported, Metro Vancouver Housing has improved energy performance by 10%, has reduced energy costs by 2%, and has reduced GHG emissions related to energy use by 8%. This report also highlights potential challenges that staff have identified that could impede cost-effectively achieving the energy efficiency and GHG emissions reduction goals established in the Metro Vancouver Housing 10-Year Plan.

The Board received the report for information.