

For Metro Vancouver meetings on Friday, July 29, 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 Indigenous Relations Committee Accomplishments, 2019-2022

RECEIVED

In the current electoral cycle, the Indigenous Relations Committee has addressed almost all of its work plan and has accomplished more than it set out to undertake. This report provides a list of almost 40 accomplishments identified according to various categories. Also presented in this report is the number of requests that Indigenous Relations staff have completed between 2019 and 2022: a 136.8-per-cent increase in the past four years.

The Board received the report for information.

E2.1 Village of Lions Bay Regional Context Statement

APPROVED

Lions Bay submitted its regional context statement (RCS) requesting to be redesignated from General Urban in Metro 2040 to Rural. Staff recommended non-acceptance due to several deficiencies and the timing of the request in relation to an upcoming OCP update. The Regional Planning Committee, after hearing from Lions Bay staff, recommended to the Board acceptance with conditions including: removing the Urban Containment Boundary from the RCS map and appending the Lions Bay Housing Needs Report to the RCS at third reading of the OCP amending bylaw. In addition, Lions Bay is to seek to improve consistency with the Rural regional land use designation including specifying how rural lands will be protected, and setting appropriate development standards for scale, density and form consistent with the intent of the rural land use designation with any future update to the OCP. On July 22, Lions Bay met the first two conditions and resubmitted an updated RCS.

The Board accepted the Lions Bay Regional Context Statement.

E2.2 Metro 2050: Summary of Affected Local Government Acceptances

RECEIVED

This report presents a summary of the local government acceptances received to date on *Metro Vancouver Regional District Regional Growth Strategy Bylaw No. 1339, 2022*, and summarizes next steps.

The Board received the report as information.

E2.3 Metro 2050 Q1 and Q2 2022 Engagement Update

RECEIVED

Engagement on Metro 2050 in Q1 and Q2 of 2022 was focused on the adoption of the updated regional growth strategy. In January 2022, the MVRD Board received the over 900 individual comments made during

the five-month comment period in 2021. They directed staff to delay the bylaw approvals process by one month to continue to work with members on any outstanding issues. Staff and Board members met with seven municipalities which resulted in further changes to *Metro 2050*. In March 2022, the Board gave first and second readings to the *Metro 2050* bylaw. Advertising for the April 20, 2022 public hearing included paid ads in the Vancouver Sun and other local newspapers as well as social media promotion and email promotion to engaged stakeholders. Social media posts about the public hearing reached close to 17,500 views, generated over 400 engagements, and close to 600 visits to the *Metro 2050* engagement webpage between March 25 and April 19 (the dates during which the public hearing was being actively promoted). On April 29, 2022 the Board referred *Metro 2050* out for acceptance by affected local governments.

The Board received the report for information.

E3.1 Tilbury Marine Jetty and Tilbury Phase 2 LNG Expansion Projects **REFERRED**

Tilbury Jetty Limited Partnership (jointly owned by Fortis LNG and Seaspan) is proposing a marine jetty project that would provide berthing and loading facilities for liquefied natural gas carriers and bunker vessels. At the same time, FortisBC is proposing an expansion to their adjacent existing natural gas liquefaction facility. The environmental assessment process for the Tilbury Phase 2 LNG Expansion Project is in the early stages, while the Tilbury Marine Jetty Project assessment is nearing completion. For the jetty project, staff have submitted comments that upstream and downstream greenhouse gas emissions should be included in the assessment, however, as these emissions occur outside Metro Vancouver, they are not within Metro Vancouver’s mandate to manage air contaminant emissions, including GHGs.

Members of the Climate Action Committee expressed concerns regarding the Tilbury Marine Jetty and Tilbury Phase 2 LNG Expansion Projects and the need for concrete action.

The Board referred the matter back to staff.

E3.2 Metro Vancouver Membership in the BC Building to Electrification (B2E) Coalition **APPROVED**

Buildings emit one-quarter of regional greenhouse gas emissions, primarily through burning natural gas for space and water heating. A key action in the *Clean Air Plan* and *Climate 2050 Buildings Roadmap* calls for a “Building Decarbonization Coalition” to accelerate demand for zero emission buildings through incentives, education, and research. The newly established BC Building to Electrification Coalition (B2E) implements this action by bringing together a diverse group of organizations and other stakeholders who are working towards a shared goal of decarbonizing buildings across the province. By joining B2E, Metro Vancouver will amplify the work of B2E within the region, and facilitate collaboration opportunities with other members. There is no cost for Metro Vancouver to become a member of the B2E Coalition.

The Board authorized Metro Vancouver to become a member of the BC Building to Electrification Coalition.

E4.1 Regional Parks Plan 2022 – Final Plan and Engagement Summary

APPROVED

The updated *Regional Parks 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 plan identifies how key challenges will be met and opportunities leveraged, and provides an action plan to address priorities over the next decade. Feedback received from the public and stakeholders through the engagement process indicated broad support for the draft plan. A concurrent engagement process with First Nations resulted in revisions to the draft plan including stronger plan framing recognizing the rights and interests of Indigenous Peoples. Also, several existing actions were edited, and new actions added to embed reconciliation throughout the work of Regional Parks, support Indigenous stewardship and cultural recognition, and to reflect concerns about the impacts of visitor use on ecosystems within regional parks.

The Board approved the *Regional Parks Plan 2022*, as presented.

E5.1 Greater Vancouver Regional Fund – 2021 Annual Report and Application for Scope Change to Previously Approved Projects

APPROVED

In accordance with the *Greater Vancouver Regional Fund Policy*, TransLink submitted its 2021 Annual Report and an accompanying request for a scope change to three projects originally approved in 2019.

TransLink’s proposed scope change would right-size transit service to match lower than projected demand and would result in \$70.4 million in previously awarded funding being returned to the Greater Vancouver Regional Fund. No new funding is being requested at this time. While this change would likely result in the slower roll-out of new transit fleet vehicles, it also presents an opportunity for TransLink to reconsider the fuel-type of the deferred vehicles to procure more battery-electric instead of hybrid buses and diesel shuttles. TransLink has made a commitment that, going forward, it will not seek Greater Vancouver Regional Fund funding for vehicle types other than electric or renewable natural gas.

The Board approved the proposed scope change to TransLink’s 2020 Greater Vancouver Regional Fund application and requested that TransLink investigate if the previously approved bus purchases can be specified as hybrid renewable natural gas.

E6.1 Water Tech: The Metro Vancouver Region’s Untapped Clean Tech Opportunity

RECEIVED

A collection of Metro Vancouver-based water tech firms, operating under the broader clean tech cluster and green economy, are working to address water risk in many forms, both locally and globally. The demand for innovative water tech solutions is being driven by multiple trends, including responses to climate change, environmental and human health regulations, and “circular economy” objectives.

The report, *Water Tech: The Metro Vancouver Region’s Untapped Clean Tech Opportunity*, spotlights the Metro Vancouver water tech sector and its opportunities and challenges, and makes recommendations intended to capitalize on this untapped clean tech sector.

The Board received the report for information.

E6.2 International Target Market Intelligence**RECEIVED**

Invest Vancouver continues to build and grow the strategic investment function in 2022 with the addition of a new investor services staff member and execution of objectives within the Invest Vancouver 2022 *Annual Plan*, and continues to support attraction and retention of catalytic investment in the Metro Vancouver region within the key industries.

As Invest Vancouver matures and increases capacity across its three integrated functional areas, a key consideration is activating a priority market approach to investment promotion, attraction, and lead generation. In addition to Invest Vancouver's position as the region's "global front door" for direct or referral investment inquiries, a current and medium-term objective is to undertake proactive, targeted initiatives on behalf of the region in key international markets and, particularly, in relation to industries which resonate with investors in those geographies. This report provides information and findings relating to foreign direct investment in Canada and observations made by Invest Vancouver.

The Board received the report for information.

E6.3 Invest Vancouver June 2022 Event Outcomes**RECEIVED**

In June of 2022, Invest Vancouver hosted two industry-focused events, Agritech Today, Building for Tomorrow on June 17, and Motivate VANCOUVER on June 29. Both events align with the Invest Vancouver 2022 *Annual Plan* goals and objectives. Agritech Today, Building for Tomorrow was hosted in collaboration with local agritech firm Semios to an audience of 50 representatives. Invest Vancouver partnered with CoMotion and Silicon Valley Bank to host Motivate VANCOUVER. This one-day, in-person event featured pitches, panels, and networking gatherings enabling a curated group of regional and Canadian start-ups to present to a global audience of venture capitalists, business development leaders, and investors. Over 240 individuals registered for the event, including attendees from over 20 venture capital firms, representing approximately \$6 billion under asset management. The program included 35 speakers as well as 12 start-ups who pitched their concepts to the audience.

The Board received the report for information.

E6.4 Technology Education and Career Hub Update**RECEIVED**

"Investing in people" is the first of four economic development strategies in Invest Vancouver's technical paper outlining the strategic priorities for the region. In alignment with that strategy, Invest Vancouver signed an agreement-in-principle in September 2021 to create a workforce development initiative that will prepare Metro Vancouver residents for well-paying jobs in the region's growing tech sector. Key accomplishments of this initiative, referred to as the Technology Education and Career Hub, include hosting industry workshops, facilitating a successful connection to a workforce development non-profit organization, applying for grant funding, and convening educational leaders. Actions planned for the remainder of the year include articulating a project plan for the next 12 months, supporting a "train the educator" event in alignment with secondary school professional development days, applying for additional sources of funding, and broadening and securing additional project partners.

The Board received the report for information.

E7.1 Metro 2050 – Outcome of Acceptance Period and Next Steps

APPROVED

Of the 24 affected local governments that considered acceptance of *Metro 2050*, 22 accepted the update to the regional growth strategy. The City of Surrey and the Township of Langley refused to accept Metro 2050 and identified the clauses to which they object. The Board must notify the Minister of Municipal Affairs of any non-acceptances, and the Minister must then initiate a dispute resolution process. The Metro Vancouver Board can request either a non-binding or binding resolution process. In addition, Metro Vancouver and the two objecting municipalities have been, and will continue to, work to resolve objections in advance of that process. The Board can also request a facilitator to support the remainder of the adoption process.

The Board endorsed this approach.

G1.1 MVRD Open Burning Emission Regulation Bylaw No. 1355, 2022

APPROVED

Staff conducted two phases of engagement on a potential regulation to manage harmful emissions from open burning of vegetative debris in a simpler, more efficient, and less costly manner than the current Metro Vancouver approvals process.

The proposed emission regulation is as stringent or more stringent than the *BC Open Burning Smoke Control Regulation*, and would protect human health and the environment from the impacts of smoke in the Metro Vancouver region. The proposed option of a new emission regulation would result in a more streamlined mechanism for the authorization of controlled emissions from open burning of vegetative debris, such as leaves and branches, compared to the current time-limited approvals process for open burning.

The Board gave first, second, and third readings to *Metro Vancouver Regional District Open Burning Emission Regulation Bylaw No. 1355, 2022*, then passed and adopted it.

G2.1 MFA Fall 2022 Borrowing for Bowen Island Municipality – MVRD Security Issuing Bylaw No. 1351, 2022

APPROVED

As set out in the *Community Charter*, Metro Vancouver must adopt a security issuing bylaw in order to enable the Bowen Island Municipality to proceed with their long-term borrowing request of \$7,040,000. This borrowing is to finance the construction of a fire hall, an emergency operations centre and a community centre. Bowen Island’s total estimated annual debt servicing costs for existing and new proposed debt combined is approximately \$862,809, which is roughly 34.3 per cent of their liability servicing limit of \$2,517,728. Bowen Island Municipality has met the regulatory requirements and has the legislative authority to undertake the planned borrowing. The proposed *Metro Vancouver District Security Issuing Bylaw No. 1351, 2022* will authorize Bowen Island Municipality’s borrowing request.

The Board gave consent to the request for financing from Bowen Island Municipality in the amount of \$7,040,000 pursuant to Sections 182(1)(b) and 182(2)(a) of the *Community Charter* and gave first, second

and third reading to *Metro Vancouver Regional District Security Issuing Bylaw No. 1351, 2022*, then passed and finally adopted the bylaw.

G2.2 MFA Fall 2022 Borrowing for City of New Westminister – MVRD Security Issuing Bylaw No. 1352, 2022 **APPROVED**

As set out in the *Community Charter*, Metro Vancouver must adopt a security issuing bylaw in order to enable the City of New Westminister to proceed with their long-term borrowing request of \$122,430,000. This borrowing is to finance the construction of and improvements to civic infrastructure, the construction of an electrical substation, and construction of a new aquatics and community centre. The City of New Westminister’s total estimated annual debt servicing costs for existing and new proposed debt combined is approximately \$15,388,000, which is roughly 29.1 per cent of their liability servicing limit of \$52,873,000. The City of New Westminister has met the regulatory requirements and has the legislative authority to undertake the planned borrowing. The proposed *Metro Vancouver District Security Issuing Bylaw No. 1352, 2022* will authorize the City of New Westminister’s borrowing request.

The Board gave consent to the request for financing from the City of New Westminister in the amount of \$122,430,000 pursuant to Sections 182(1)(b) and 182(2)(a) of the *Community Charter* and gave first, second and third reading to *Metro Vancouver Regional District Security Issuing Bylaw No. 1352, 2022*, then passed and finally adopted the bylaw.

G2.3 MFA Fall 2022 Borrowing for City of Pitt Meadows – MVRD Security Issuing Bylaw No. 1353, 2022 **APPROVED**

As set out in the *Community Charter*, Metro Vancouver must adopt a security issuing bylaw in order to enable the City of Pitt Meadows to proceed with their long-term borrowing request of \$20,000,000. This borrowing is to finance the construction of a police building. The city’s total estimated annual debt servicing costs for existing and new proposed debt combined is approximately \$1,721,500, which is roughly 16.1 per cent of their liability servicing limit of \$10,724,426. Pitt Meadows has met the regulatory requirements and has the legislative authority to undertake the planned borrowing. The proposed *Metro Vancouver District Security Issuing Bylaw No. 1353, 2022* will authorize the City of Pitt Meadows’ borrowing request.

The Board gave consent to the request for financing from the City of Pitt Meadows in the amount of \$20,000,000 pursuant to Sections 182(1)(b) and 182(2)(a) of the *Community Charter* and gave first, second and third reading to *Metro Vancouver Regional District Security Issuing Bylaw No. 1353, 2022*, then passed and finally adopted the bylaw.

G2.4 MFA Fall 2022 Borrowing for City of Richmond – MVRD Security Issuing Bylaw No. 1354, 2022 **APPROVED**

As set out in the *Community Charter*, Metro Vancouver must adopt a security issuing bylaw in order to enable the City of Richmond to proceed with their long-term borrowing request of \$96,000,000. This borrowing is to fund the construction of a new Steveston Community Centre and branch library. The city’s total estimated annual debt servicing costs for existing and new proposed debt combined is approximately \$14,330,000, which is roughly 12 per cent of their overall liability servicing limit of \$119,783,791. Richmond has met the regulatory requirements and has the legislative authority to undertake the planned borrowing.

The proposed *Metro Vancouver District Security Issuing Bylaw No. 1354, 2022* will authorize the City of Richmond’s borrowing request.

The Board gave consent to the request for financing from the City of Richmond in the amount of \$96,000,000 pursuant to Sections 182(1)(b) and 182(2)(a) of the *Community Charter* and gave first, second and third reading to *Metro Vancouver Regional District Security Issuing Bylaw No. 1354, 2022*, then passed and finally adopted the bylaw.

G3.1 MVRD Temporary Borrowing Bylaw No. 1357, 2022 **APPROVED**

Metro Vancouver has an opportunity to improve cash management by using temporary borrowing, which will reduce the amount of cash on hand and maximize cash invested in the long-term investment portfolio. Temporary borrowing will allow for enhanced investment decisions and optimize investment returns by approximately \$1.8 million per year, across the organization as whole.

Metro Vancouver’s current infrastructure financing strategy revolves around Municipal Finance Authority’s bi-annual long-term borrowing process and does not include temporary borrowing. Through the *Municipal Enabling and Validating Act*, MVRD can access temporary borrowing from MFA on behalf of the GVWD. Approval of the *Greater Vancouver Water District Temporary Borrowing Bylaw No. 1357, 2022* provides the authority for temporary borrowing not exceeding \$268 million, the remaining amount of the *Greater Vancouver Water District Borrowing Bylaw No. 248, 2015*, and the maximum borrowing authorized. This will provide Metro Vancouver with borrowing methods equivalent to what is used in municipalities.

The Board authorized Metro Vancouver Regional District to temporarily borrow on behalf of GVWD up to \$268 million dollars, the remaining amount of the *Greater Vancouver Water District Borrowing Bylaw No. 248, 2015*, and the maximum borrowing authorized, and gave first, second and third readings to *Greater Vancouver Water District Temporary Borrowing Bylaw Number 1357, 2022*.

G3.2 MVRD Temporary Borrowing Bylaw No. 1356, 2022 **APPROVED**

Metro Vancouver has an opportunity to improve cash management by using temporary borrowing, which will reduce the amount of cash on hand and maximize cash invested in the long-term investment portfolio. Temporary borrowing will allow for enhanced investment decisions and optimize investment returns by approximately \$1.8 million per year, across the organization as whole.

Metro Vancouver’s current infrastructure financing strategy revolves around Municipal Finance Authority’s bi-annual long-term borrowing process and does not include temporary borrowing. Through the *Municipal Enabling and Validating Act*, MVRD can access temporary borrowing from MFA on behalf of the GVS&DD. Approval of the *Greater Vancouver Sewerage & Drainage District Temporary Borrowing Bylaw No. 1356, 2022* provides the authority for temporary borrowing in the amount not exceeding \$1.42 billion, the remaining amount of the *Greater Vancouver Sewerage & Drainage District Borrowing Bylaw No. 321, 2018*, and the maximum borrowing authorized. This will provide Metro Vancouver with borrowing methods equivalent to what is used in municipalities.

The Board authorized Metro Vancouver Regional District to temporarily borrow on behalf of GVWD up to \$1.42 billion dollars, the remaining amount of the *Greater Vancouver Sewerage & Drainage District*

Borrowing Bylaw No. 321, 2018, and the maximum borrowing authorized, and gave first, second and third readings to Greater Vancouver Sewerage & Drainage District Temporary Borrowing Bylaw No. 1356, 2022.

H1 NOTICE OF MOTION

APPROVED

Director McCutcheon provided the following Notice of Motion on July 14, 2022, for consideration:

Whereas,

Local governance within the University Endowment Lands (UEL) is such that local government decisions are made by the Provincial Minister for Municipal Affairs, or in the case of liquor and cannabis licensing and emergency management planning, by the Metro Vancouver Regional District (MVRD) Board;

Whereas,

With the exception of one Metro Vancouver Board member (i.e., the Electoral Area A Director), none of the aforementioned decision makers are democratically elected by, and therefore accountable to, the residents of the UEL;

Whereas,

The residents of the UEL have been asking for governance reform since 2013, and only in 2019 did the Minister begin to look at UEL services, and structure preliminary possibilities for governance;

Be it resolved,

That the MVRD Board:

a) authorize the Chair to write a letter to BC's Minister of Municipal Affairs (currently Minister Cullen) requesting that the Province:

- i. expedite work towards both long-term governance reform, and
- ii. explore shorter term improvements such as the ability to enforce bylaws; and

b) direct staff to bring a report forward to the Electoral Area Committee outlining the complexities and uniqueness of the governance structure within the UEL.

The Board approved the motion as presented.

H2 NOTICE OF MOTION

DEFEATED

Director Richter provided the following Notice of Motion on July 13, 2022, for consideration:

Given the rapid growth throughout the MVRD region, particularly South of the Fraser, and the corresponding social impacts of this growth on K-12 education and school capacities as well as increasing crime rates;

Be it resolved that the MVRD Board direct staff to undertake work and engagement on draft regional growth strategy policies to address:

- i. K-12 school capacities; and
- ii. crime prevention/safer communities

with an aim to proposing an early amendment to *Metro 2050* post-adoption to include specific goals and objectives relative to both of these important regional social needs.

The Board defeated the motion.

H3 NOTICE OF MOTION

DEFEATED

Director Richter provided the following Notice of Motion on July 13, 2022, updated on July 17, 2022, for consideration:

Whereas *MVRD RGS (Metro 2040) Bylaw No. 1136 (2010)* Strategy 5.1.2 Objective A on page 52 contains specific Metro Vancouver priorities relative to i) rapid transit expansion and ii) regional corridor connections, not all of which have been attained or fully funded particularly in, but not limited to, South of the Fraser urban centres; and

Whereas the proposed *MVRD RGS (Metro 2050) Bylaw No. 1339 (2022)* Strategy 5.1.3 on page 79 contains only generic references to priority types and not to specific urban centres or regional corridors;

Be it resolved that the MVRD Board direct staff to undertake work and engagement with an aim to proposing an early post-adoption amendment to *MVRD RGS (Metro 2050) Bylaw No. 1339 (2022)* Strategy 5.1.3 on page 79 to re-instate the specific urban centre rapid transit and regional corridor expansion priorities specified in *Metro 2040* Strategy 5.1.2 (Objective A on page 52) that have not yet been fully implemented and/or fully funded so that annual progress towards these very important *Metro 2040* rapid transit and regional corridor expansion priorities can continue to be tracked and reported on under *Metro 2050*.

The Board defeated the motion.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

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

Indigenous Relations Committee – July 6, 2022

Information Items:

5.2 Quarterly Report on Reconciliation Activities

This report provides information on 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.

Regional Planning Committee – July 8, 2022

Delegation Summaries:

Peter DeJong, CAO, The Municipality of the Village of Lions Bay: Village of Lions Bay Regional Context Statement

Marcus Reuter, Resident, Municipality of the Village of Lions Bay: Village of Lions Bay Regional Context Statement

Climate Action Committee – July 8, 2022

Information Items:

5.3 Air Quality and Climate Action Initiatives in Caring for the Air 2022

Caring for the Air is Metro Vancouver’s annual publication on regional climate action and air quality initiatives. The 2022 edition showcases innovative solutions to air quality and climate challenges, and describes projects supported by Metro Vancouver’s Sustainability Innovation Fund and the University of British Columbia’s Sustainability Scholar program. Whereas previous editions of *Caring for the Air* focused on the development of climate and air quality plans such as the *Climate 2050 Roadmaps* and *Clean Air Plan*, this year’s edition shifts the focus to how Metro Vancouver will implement actions outlined in those plans, which will be critical for meeting Board-adopted climate action and clean air targets.

5.4 Metro Vancouver Climate 2050 Snapshot 2021/2022

Recognizing the need for urgent and transformative action, Metro Vancouver is taking an “action while planning” approach, implementing climate actions at the same time as it is progressing with development of the *Climate 2050 Roadmaps*. The Climate 2050 Snapshot 2021/2022 report is intended to meet Metro Vancouver’s commitment to regular and transparent reporting on the development and implementation of the Climate 2050 Roadmaps, and presents highlights of *Climate 2050* implementation work throughout 2021 and as of mid-2022. As work on *Climate 2050* shifts from planning to implementation, the Climate 2050 Snapshot will evolve to include key performance indicators to track and measure progress on roadmap implementation.

Regional Parks Committee – July 13, 2022

Delegation Summaries:

Paul Hundal, Old Growth Conservancy Society: Lynn Headwaters Regional Park Lease

Information Items:

5.2 Draft 2023-2027 Regional Parks Capital Plan

As part of Metro Vancouver’s focus on enhancing transparency and governance of the capital plan, this report allows for the Regional Parks Committee to provide comments on the draft *2023-2027 Regional Parks Capital Plan*, which will then be incorporated into the *Regional Parks Financial Plan* and included in the fall budget presentations to the Regional Parks Committee and MVRD Board. The estimated 2023 capital cash flow is \$59.8 million with a total estimated spend of \$169.8 million over the five years. This is a \$12.5 million, or eight per cent change from last year’s five-year capital plan. This change is largely due to

the introduction of a new project to plan, design, and develop recently acquired parkland in Bowen Island Municipality.

Performance and Audit Committee – July 14, 2022

Information Items:

5.5 Metro Vancouver Quarterly Financial Report – June 30, 2022

The Performance and Audit Committee's terms of reference requires that financial information be presented on a regular basis. Beginning in 2022, quarterly reports are being presented, to replace the tri-annual reporting presented in prior years. This reports presents the second quarterly financial report, for the six months ending June 30, 2022, and indicates that operating expenditures are on target at 90 per cent of year-to-date budget and capital expenditures are lower than expected at 16.8 per cent of annual capital cash flow. The year-to-date variance is indicating a potential surplus of about \$40.5 million, about 3.9 per cent of total budget. Cash flow projections and accounts receivable collections are on target and remain positive in both the likely and pessimistic scenarios.

5.6 Treasury Report - March 1, 2022 to May 31, 2022

Treasury reported to the Committee in April 2022, and since that time, in response to rising inflation, the Bank of Canada increased the overnight borrowing rate by 100 basis points, resulting in both higher borrowing costs and higher investment returns for Metro Vancouver. Finance staff are investigating cash management strategies to mitigate risks associated with higher than normal inflationary environment. An opportunity exists to improve cash management by using temporary borrowing, which will reduce the amount of cash on hand and maximize cash invested in the long-term investment portfolio. This practice is similar to what is used by the member municipalities. The temporary borrowing program is being reported through the Finance Committee for approval by the Metro Vancouver's Boards on July 29.

5.7 Status of Asset Retirement Obligation Project

The Canadian Public Sector Accounting Standards, followed by Metro Vancouver in the preparation of its annual audited financial statements, introduced a new asset retirement obligation (ARO) standard for implementation December 31, 2023. Under the new standard, the costs to retire or decommission a tangible capital asset (TCA) are to be reported as liabilities, at the time the asset is acquired, developed or constructed. Currently these costs are expensed as they are incurred. Metro Vancouver has identified potential AROs in Parks, Housing, and Solid Waste operations and are in the process of reviewing cost estimates to determine the impact on the financial statements. Efforts to calculate the AROs in Water and Liquid Waste Services are in the early stages. Based on work performed to date, it is anticipated that Metro Vancouver will complete the required audit requirement for the preparation of the December 31, 2023 financial statements. In terms of potential budget and rate impact, as part of the capital planning process, Metro Vancouver includes the cost of retiring and decommissioning a TCA in the overall capital plan and appropriate funding decisions are made during the budget process.

5.8 Tender/Contract Award Information – March 2022 to May 2022

During the period March 1, 2022 and May 31, 2022, the Procurement Division issued 22 new contracts, each with a value in excess of \$500,000 (exclusive of taxes). In addition, there were 10 existing contracts requiring contract amendments which necessitate further reporting to the Performance and Audit Committee. The 10 amendments experienced additional costs resulting from either scope changes and project extensions

due to site conditions or third-party regulatory requirements. 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*.

5.9 Performance Monitoring Dashboard Update

In 2017, Metro Vancouver launched the Performance Monitoring Dashboard to provide a centralized view of key performance indicators for the organization’s services in connection with Metro Vancouver’s strategic priorities or directions, as reflected in the annual work plan. Updated on an annual basis, the performance indicators are a valuable resource both internally and externally, as they assist in the organization’s long term-planning, guide decision making, track departmental performance, and demonstrate transparency and accountability to both partners and the public. In order to respond to shifting circumstances as well as improve communication and efficiency of the reporting process, future developments to the Performance Monitoring Dashboard have been proposed, including incorporating the story behind the data and automation.

Finance Committee – July 14, 2022

Delegation Summaries:

Nathan Davidowicz: TransLink’s Greater Vancouver Regional Fund Application

Greater Vancouver Water District

G1.1 GVWD Temporary Borrowing Bylaw No. 258, 2022

APPROVED

Metro Vancouver has an opportunity to improve cash management by using temporary borrowing, which will reduce the amount of cash on hand and maximize cash invested in the long-term investment portfolio. Temporary borrowing will allow for enhanced investment decisions and optimize investment returns by approximately \$1.8 million per year, across the organization as whole.

Metro Vancouver’s current infrastructure financing strategy revolves around Municipal Finance Authority’s bi-annual long-term borrowing process and does not include temporary borrowing. Through the *Municipal Enabling and Validating Act*, MVRD can access temporary borrowing from MFA on behalf of the GVWD. Approval of the *Greater Vancouver Water District Temporary Borrowing Bylaw No. 258, 2022* provides the authority for temporary borrowing not exceeding \$268 million, the remaining amount of the *Greater Vancouver Water District Borrowing Bylaw No. 248, 2015*, and the maximum borrowing authorized. This will provide Metro Vancouver with borrowing methods equivalent to what is used in municipalities.

The Board authorized Metro Vancouver Regional District to temporarily borrow on behalf of GVWD up to \$268 million dollars, the remaining amount of the *Greater Vancouver Water District Borrowing Bylaw No. 248, 2015*, and the maximum borrowing authorized, and gave first, second and third readings to *Greater Vancouver Water District Temporary Borrowing Bylaw Number 258, 2022* and forwarded it to the Inspector of Municipalities for statutory approval.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

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

Climate Action Committee – July 8, 2022

Information Items:

5.5 2022 Update on Water Sustainability Innovation Fund Projects

This report provides an update on 10 projects that were approved for funding in 2018 through to 2021 under the Water Sustainability Innovation Fund. The projects range from assessment of emerging contaminants of concern, microplastics, and disinfection by-products; to monitoring and information management; to greywater reuse; to earthquake early warning systems.

Water Committee – July 6, 2022

Information Items:

5.1 Draft Water 2023–2027 Capital Plan

As part of Metro Vancouver’s focus on enhancing transparency and governance of the capital plan, this report allows the Water Committee to provide comments on the draft capital plan, which will then be incorporated into the *Water Capital Plan* and included in the fall budget presentations to the Water Committee and GVWD Board. The estimated 2023 Capital Cash Flow is \$426.3 million with a total estimated spend of \$2.7 billion over 2023-2027. With respect to the common four years compared to the prior cycle’s capital plan, the estimated spend has increased by \$7.3 million, or 0.4 per cent, primarily due to escalation driven by market conditions and project schedule changes. These are largely offset by project deferrals.

5.2 Douglas Road Main No. 2 – Delivering Successful Infrastructure Projects

The Douglas Road Main No. 2 project is nearing completion and once complete, the new water main will increase the long-term resiliency of this water supply corridor. The project is currently tracking under budget with an on-schedule completion expected in 2024. This project also provides an example for how Metro Vancouver’s Water Services department is achieving key strategic goals outlined in the *Board Strategic Plan 2019–2022*.

5.3 2021 GVWD Dam Safety Program Annual Update

The GVWD owns and operates seven dams that are regulated by the Ministry of Forests – Dam Safety Branch, five of which are regional drinking water supply dams. The GVWD Dam Safety Program for the water supply dams is compliant with the requirements outlined in the provincial *Dam Safety Regulation* (BC Reg. 11/2021), as required for all dam owners in British Columbia. There were no significant concerns identified from the 2021 routine surveillance, monitoring, or formal dam inspections. The Rice Lake North and Rice Lake South dams have been added to this annual update report.

5.4 Jurisdictional Review of Drought Responses

Metro Vancouver is closely monitoring climate change impacts on the drinking water supply as the source water is replenished annually and is sensitive to changes in precipitation patterns. During the heat dome of 2021, Metro Vancouver continued to reliably supply the region with drinking water due to the higher than

average snowpack, proactive management of the reservoirs, and an education campaign to encourage water conservation. Metro Vancouver monitors the water supply through the high-demand periods, implements the *Drinking Water Conservation Plan*, and promotes conservation through the We Love Water campaign.

5.5 Project Delivery Capital Portfolio Update

This update contains project-specific information and a portfolio dashboard that provides information on the various programs and projects being delivered by the department.

- *Coquitlam Lake Water Supply*: Project construction deferred by five years to 2038; contingent on water conservation efforts.
- *Coquitlam Water Main*: Construction delayed to 2023 pending resolution of properties agreements and proximal works approvals.
- *Stanley Park Water Supply Tunnel*: Delays related to compensation and land agreements with the Vancouver Parks Board.

Greater Vancouver Sewage and Drainage District

E1.1 Sewage and Waste: Heat Recovery Policy

APPROVED

Metro Vancouver has the opportunity to reduce greenhouse gas emissions by investing in waste heat recovery to offset fossil fuel use for building heat and hot water. Metro Vancouver’s *Climate 2050* strategy includes a target of a climate neutral region by 2050 with an interim target of 45-per-cent greenhouse gas emission reductions by 2030.

Metro Vancouver’s liquid waste system and the Waste-to-Energy Facility have the potential to provide heat and hot water for up to 130,000 homes, reducing greenhouse gas emissions by up to 300,000 tonnes per year, or equivalent to approximately the annual emissions of 60,000 passenger vehicles. The proposed *Sewage and Waste: Heat Recovery Policy* facilitates maximizing the recovery of this resource and replaces the existing *Liquid Waste Heat Recovery Policy*.

The Board approved the proposed *Sewage and Waste: Heat Recovery Policy*, as presented.

E1.2 Proposed Capital Investment for the Surrey City Energy Sewer Heat Recovery Project

APPROVED

This project will reduce greenhouse gas emissions, contributing to Metro Vancouver’s *Climate 2050 Strategy*, as guided by the *Waste Heat Recovery Policy*. The investment will be capped at \$19 million out of a total estimated project cost of \$151 million. The investment is based on the value of the anticipated greenhouse gas reductions over the life of the project, and was included in the endorsed 2022 to 2026 capital plan. Metro Vancouver will receive carbon credits based on relative costs incurred by both parties, which will contribute to Metro Vancouver’s goal of carbon neutrality.

The Board directed staff to enter into contract negotiations with the City of Surrey for the Surrey City Centre Sewer Heat Recovery project, and authorized expenditures up to \$19 million as endorsed in the 2022 to 2026 capital plan.

E1.3 Award of a Contract Resulting from Request for Proposal No. 22-006: Construction of Gilbert Trunk Sewer No.2 Gilbert Road South Section **APPROVED**

Request for Proposal No. 22-006 was issued in February 2022 for construction of the Gilbert Trunk Sewer No.2 Gilbert Road South Section. Jacob Brothers Construction Inc. was identified as the highest ranked proponent. It is recommended that the GVS&DD Board authorize the award of a contract for construction of the Gilbert Trunk Sewer No.2 Gilbert Road South Section, in an amount of \$39,856,650 (exclusive of taxes) to Jacob Brothers Construction Inc. and authorize the commissioner and the corporate officer to execute the required documentation.

The Board approved award of a contract in the amount of up to \$39,856,650 (exclusive of taxes) to Jacob Brothers Construction Inc., resulting from Request for Proposal No. 22-006: Construction of Gilbert Trunk Sewer No.2 Gilbert Road South Section, subject to final review by the commissioner, and authorized the commissioner and the corporate officer to execute the required documentation once the commissioner is satisfied that award should proceed.

G1.1 GVS&DD Temporary Borrowing Bylaw No. 358, 2022 **APPROVED**

Metro Vancouver has an opportunity to improve cash management by using temporary borrowing, which will reduce the amount of cash on hand and maximize cash invested in the long-term investment portfolio. Temporary borrowing will allow for enhanced investment decisions and optimize investment returns by approximately \$1.8 million per year, across the organization as whole.

Metro Vancouver’s current infrastructure financing strategy revolves around Municipal Finance Authority’s bi-annual long-term borrowing process and does not include temporary borrowing. Through the *Municipal Enabling and Validating Act*, MVRD can access temporary borrowing from MFA on behalf of the GVS&DD. Approval of the *Greater Vancouver Sewerage & Drainage District Temporary Borrowing Bylaw No. 358, 2022* provides the authority for temporary borrowing in the amount not exceeding \$1.42 billion, the remaining amount of the *Greater Vancouver Sewerage & Drainage District Borrowing Bylaw No. 321, 2018*, and the maximum borrowing authorized. This will provide Metro Vancouver with borrowing methods equivalent to what is used in municipalities.

The Board authorized Metro Vancouver Regional District to temporarily borrow on behalf of GVWD up to \$1.42 billion dollars, the remaining amount of the *Greater Vancouver Sewerage & Drainage District Borrowing Bylaw No. 321, 2018*, and the maximum borrowing authorized, and gave first, second and third readings to *Greater Vancouver Sewerage & Drainage District Temporary Borrowing Bylaw No. 358, 2022* and forwarded it to the Inspector of Municipalities for statutory approval.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

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

Liquid Waste Committee – July 13, 2022

Information Items:

5.1 Draft Liquid Waste 2023–2027 Capital Plan

As part of Metro Vancouver’s focus on enhancing transparency and governance of the capital plan, this report allows the Liquid Waste Committee to provide comment on the draft *2023–2027 Liquid Waste Capital Plan*, which will then be incorporated into the *Liquid Waste Financial Plan* and included in the fall budget presentations to the committees and the boards. The estimated 2023 capital cash flow is \$713.9 million with a total estimated spend of \$4.8 billion over the five years (2023-2027). With respect to the common four years compared to the prior cycle’s capital plan, the estimated spend has decreased by \$383.6 million, or 10 per cent, primarily due to project schedule changes.

5.2 Project Delivery Capital Portfolio Update

This update contains project specific information and a portfolio dashboard that provides information on the various programs and projects being delivered by the department. Key items of note are summarized below.

- *Annacis Outfall System*: Construction is 60 per cent complete but the in-river work is at some risk due to technical challenges and poor performance of the sub-contractor.
- *Iona Island Wastewater Treatment Plant*: Project status flagged as completion date is five years beyond the regulatory deadline.
- *North Shore Wastewater Treatment Plant*: New designer and contractor have been engaged to complete design and construction execution planning. Project schedule and budget status update to be presented in Q4 2022.
- *Northwest Langley Wastewater Treatment Plant*: Significant delays due to archeological findings on the project site and change in location of the outfall.

5.5 Climate and Seismic Resilience Planning at Iona Island

At a May 4, 2022 tour of the Iona Island Wastewater Treatment Plant and Iona Beach Regional Park for members of the Liquid Waste Committee, Regional Parks Committee and Climate Action Committee, participants expressed interest in receiving more information on what is being done to address the effects of climate change on the Iona Island Wastewater Treatment Plant and Iona Island as a whole. This report provides that information.

Zero Waste Committee – July 15, 2022

Information Items:

5.1 Draft Solid Waste Services 2023-2027 Capital Plan

As part of Metro Vancouver’s focus on enhancing transparency and governance of the capital plan, this report allows the Zero Waste Committee to provide comments on the draft *2023–2027 Solid Waste Services Capital Plan*, which will then be incorporated into the *Solid Waste Services Capital Plan* and included in the fall budget presentations to the Zero Waste Committee and the Board. The estimated 2023 capital cash flow is \$62.2 million with a total estimated spend of \$272 million over the five years. With respect to the common four years compared to the prior cycle’s capital plan, the estimated spend has increased by \$4.3 million, or two per cent.

5.2 2021 Disposal Ban Program Update

Garbage loads received at regional solid waste facilities are visually inspected for banned materials, and surcharges are applied if banned materials are present. Metro Vancouver’s solid waste facilities received 822,000 loads of garbage in 2021, up five per cent from 2020. 194,329 garbage loads were inspected (24 per cent of total loads), and 16,781 were found to contain banned materials. In total, 3,104 surcharge notices were issued, representing a surcharge rate of 1.6 per cent. Electronic waste, corrugated cardboard and oversized objects were the top three banned materials identified. A third-party review of the disposal ban inspection process is being initiated as part of the solid waste management plan update process.

Metro Vancouver Housing Corporation

E1.1 Metro Vancouver 10-Year Plan — Progress Update

RECEIVED

The Metro Vancouver Housing *10-Year Plan* was adopted in November 2019 to provide a framework for how the organization will provide, preserve, and expand its portfolio of affordable housing across the region. Since then, the global pandemic and climate change have impacted people and organizations, while significant inflation, rising interest rates, and ongoing uncertainty pose challenges for the delivery of new housing.

Despite these challenges, Metro Vancouver Housing has taken significant action towards implementing its *10-Year Plan*. With seven development projects underway to provide approximately 800 new and redeveloped homes, and eight major rehabilitation projects to renew 558 homes, MVH is working towards its targets for growth, renewal, energy efficiency, and reduction in greenhouse gas emissions, while providing a diverse mix of accessible homes to suit a range of needs and mix of incomes.

The Board received the report for information.

E1.2 Benefits of Building Rehabilitation: Evergreen Downs

RECEIVED

This report outlines the benefits of building rehabilitation by highlighting a recently completed rehabilitation project at Metro Vancouver Housing’s Evergreen Downs property. This extended the life of

the building by 40 years and resulted in significant energy savings, reduced greenhouse gas emissions, enhanced tenant comfort, improved building resilience to extreme weather events, reduced energy bills for MVH and tenants, improved the building’s aesthetic, and provided an upgraded outdoor amenity space for tenants.

The Board received the report for information.

E1.3 Metro Vancouver Housing — Extreme Heat Protocols

RECEIVED

Following the ‘heat dome’ in 2021, Metro Vancouver Housing established protocols regarding extreme heat events. Protocols were developed in alignment with BC Housing recommendations for pre-season planning, decision making, and response. The approach is twofold: how MVH will safeguard tenants and staff regarding extreme heat events within the existing housing stock, and how MVH will approach the design of new buildings and retrofits of existing housing.

For existing buildings and tenants, a variety of activities will take place on an annual basis to prepare for possible extreme heat events, as well as a set of activities once an event occurs. These include: communications to tenants regarding best practices for staying healthy and comfortable during extended heat advisories; location of cooling stations nearby; and emergency contact preparedness. Staff will receive information and training on keeping healthy and safe during events, and staff will perform annual building assessments outlining the condition of air exchange in apartment buildings. For new buildings and full building retrofits, MVH will use a range of active and passive cooling strategies and strategic upgrades for capital maintenance to improve tenant comfort and well-being.

The Board received the report for information.

E2.1 Welcher Affordable Housing Redevelopment — Grant and Loan Application to the Federation of Canadian Municipalities

APPROVED

The Federation of Canadian Municipalities (FCM) — Green Municipal Fund (GMF) program supports the construction of high-performance, Net Zero Energy Ready multi-family affordable housing units by providing up to 20 per cent of project costs contributed equally between grant and loan funding to qualifying projects. The program metrics are directly aligned with Metro Vancouver Housing Corporation’s (MVHC) sustainability goals. With an estimated contribution of \$7.2 million, MVHC applied to the FCM-GMF capital funding program to support the redevelopment of its Welcher Avenue site in Port Coquitlam. Having completed the prerequisite steps in the funding process, a Board resolution supporting the application is required to finalize the submission.

The Board authorized staff to apply for capital project grant and loan project funding through the Federation of Canadian Municipalities — Green Municipal Fund Program.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

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

Housing Committee – July 7, 2022

Delegation Summaries:

Nathan Davidowicz: New Bill (changes to the Transportation Act) and Missed Opportunities for the New Housing Projects

Information Items:

5.2 Draft Metro Vancouver Housing 2023-2027 Capital Development and Capital Maintenance Plans

The draft *2023-2027 Metro Vancouver Housing Capital Development and Maintenance Plans* have been prepared following direction received at the April 14, 2022 Metro Vancouver Board Budget Workshop and continue to be guided by key objectives of the Metro Vancouver Housing *10-Year Plan*. As part of Metro Vancouver's focus on enhancing transparency and governance of the capital plan, this report allows for the Housing Committee to provide comments on the draft capital plan, which will then be incorporated into the *Housing Financial Plan* and included in the fall budget presentations to the Housing Committee and MVRD Board. The draft 2023 capital development cash flow is \$62.2 million with a total estimated spend of \$416.5 million over the next five years. The draft *2023-2027 Capital Maintenance Plan* proposes a budget of \$14.3 million for 2023 and a total of \$88.1 million over the five-year budget cycle. The budget five-year cycle-over-cycle development plan has increased by \$1.8 million (0.4 per cent) and the five-year cycle-over-cycle capital maintenance plan has increased by \$15.2 million (20.9 per cent) from the corresponding years in the prior year capital plans.