

**For Metro Vancouver meetings on Friday, July 28, 2023**

*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 Contribution Funding Request – Derby Reach Brae Island Parks Association APPROVED**

The 2023-2027 Metro Vancouver Regional Parks five-year financial plan includes annual allocations for six park associations active in regional parks. Funding will be used to support opportunities for citizens to help preserve, protect, and enhance regional parks, while advocating for greater public connection to nature.

The Board approved a contribution agreement with the Derby Reach Brae Island Parks Association for a three-year term in the aggregate amount of \$45,000 (\$15,000 in 2024, \$15,000 in 2025, and \$15,000 in 2026), commencing January 1, 2024, and ending December 31, 2026. The funding supports the association’s capacity to provide community benefit to Metro Vancouver through the Regional Parks volunteer programs and services.

**E1.2 Contribution Funding Request – Minnehada Park Association APPROVED**

The 2023-2027 Metro Vancouver Regional Parks five-year financial plan includes annual allocations for six park associations active in regional parks. Funding will be used to support opportunities for citizens to help preserve, protect, and enhance regional parks, while advocating for greater public connection to nature.

The Board approved the contribution agreement with the Minnehada Park Association for a three-year term in the aggregate amount of \$45,000 (\$15,000 in 2024, \$15,000 in 2025, and \$15,000 in 2026), commencing January 1, 2024, and ending December 31, 2026. The funding supports the association’s capacity to provide community benefit to Metro Vancouver through the Regional Parks volunteer programs and services.

**E1.3 Contribution Funding Request – Burnaby Lake Park Association APPROVED**

The 2023-2027 Metro Vancouver Regional Parks five-year financial plan includes annual allocations for six park associations active in regional parks. Funding is used to support opportunities for citizens to help preserve, protect, and enhance regional parks, while advocating for greater public connection to nature.

The Board approved a contribution agreement with the Burnaby Lake Park Association for a three-year term in the aggregate amount of \$36,000 (\$6,000 in 2024, \$15,000 in 2025 and \$15,000 in 2026), commencing January 1, 2024, and ending December 31, 2026. The funding supports the association’s capacity to provide community benefit to Metro Vancouver through the Regional Parks volunteer programs and services.

**E1.4 Contribution Funding Request – Colony Farm Park Association**

**APPROVED**

The 2023-2027 Metro Vancouver Regional Parks five-year financial plan includes annual allocations for six park associations active in regional parks. Funding will be used to support opportunities for citizens to help preserve, protect, and enhance regional parks, while advocating for greater public connection to nature.

The Board approved a contribution agreement with the Colony Farm Park Association for a three-year term in the aggregate amount of \$45,000 (\$15,000 in 2024, \$15,000 in 2025, and \$15,000 in 2026), commencing January 1, 2024, and ending December 31, 2026. This funding supports the association’s capacity to provide community benefit to Metro Vancouver through the Regional Parks volunteer programs and services.

**E1.5 Regional Park at Cape Roger Curtis – Park Planning and Municipal Update**

**RECEIVED**

The purchase of 24 parcels of land at Cape Roger Curtis on Bowen Island has been finalized. Regional Park staff continue to work through the Bowen Island Municipality (BIM) rezoning and Official Community Plan (OCP) amendment process required to allow for supervised overnight tent camping in the park.

Additional submittals, requested by the municipality, were provided in June. A preliminary park concept was developed to communicate key values and the basic arrangement of protected areas and park activities on the landscape.

BIM council met on June 14, 2023 to discuss conditional requirements for rezoning and OCP amendment approval. It is expected that BIM council will receive the additional submittals, along with a draft list of conditional requirements for rezoning and OCP amendment approval, at the July 10 council meeting and refer it to municipal advisory committees and public engagement at that time, in advance of an anticipated second reading in September 2023.

The Board received the report for information.

**E2.1 Annual Regional Greenhouse Gas Emissions for On-Road Transportation and Buildings**

**RECEIVED**

Metro Vancouver is preparing annual GHG emissions inventories for the region and for its member jurisdictions to track progress towards emission reduction targets. This report presents annual inventories for the two largest sources of GHG emissions in the region: on-road transportation and buildings.

Regional GHG emissions from on-road transportation were 6.3 million tonnes CO<sub>2</sub>e in 2022, which is relatively unchanged from 2010. Despite significant increases in both vehicle population (29 per cent increase) and distance travelled (25 per cent increase), regional GHG emissions have held steady, due to improvements in vehicle fuel efficiency and increasing uptake in zero-emission technology. GHG emissions from buildings increased from 2010 to 2022, although emissions have been relatively constant from 2019 to 2022.

Important indicators such as increasing numbers of zero-emission vehicles and heat pump incentives, together with regional and other government initiatives, are expected to result in future GHG emission

reductions. As annual GHG inventories are completed, results will be available through a publicly accessible platform.

The Board received the report for information.

## **E2.2 Changes in Provincial Legislation Needed to Address Gas Utilities in British Columbia**      **APPROVED**

Richmond city council has sent letters to the Province, asking the Government of British Columbia to reform the BC Utilities Commission (BCUC) and to enact legislation to regulate greenhouse gas emissions from gas utilities in British Columbia. Richmond city council has requested that Metro Vancouver send similar letters to the Province in support of these issues.

The Board resolved to send letters to the Premier, the Minister of Municipal Affairs, the Minister of Environment and Climate Change Strategy, and the Minister of Energy, Mines and Low Carbon Innovation, in response to Richmond city council's request for support, asking the Government of British Columbia to reform the British Columbia Utilities Commission in the context of a changing climate and urgently enact legislation that regulates greenhouse gas emissions from gas utilities, in alignment with the strategies and actions in the *Climate 2050* Energy Roadmap; and to request meetings between Metro Vancouver staff and the appropriate provincial ministries to discuss the issues raised in the letters.

## **E2.3 Phase 2 Engagement Summary and Next Steps for Managing Emissions from Cannabis Production and Processing**      **APPROVED**

Volatile organic compound (VOC) emissions from cannabis production are air contaminants that can contribute to the formation of harmful ground-level ozone. These VOCs are also odorous. Hotter, drier summers, due to climate change, are expected to increase concentrations of ground-level ozone in urban areas. In May 2019 and July 2021, the Board directed staff to undertake two phases of engagement on proposed approaches for managing emissions from cannabis production and processing. Feedback from residents and municipal staff indicated strong support for enhanced management of emissions from cannabis production and processing, while cannabis producers and the agricultural sector expressed significant concerns about the anticipated cost of compliance, emission estimates, and perceived risk of regulatory expansion into other agricultural operations.

Metro Vancouver engaged with staff from the ministries of Agriculture and Food, Environment and Climate Change Strategy, and Public Safety and the Solicitor General. Different ministry mandates and priorities have led to challenges with moving this work forward, despite being aligned on our mutual interests in public health, environmental protection, regional economic prosperity, and public safety. Metro Vancouver and the Ministry of Agriculture and Food conducted separate emission estimates that led to different conclusions about projected VOC emission levels and impacts from cannabis production. Closer collaboration with the Province on refined emission projections could inform the development of a mutually agreeable, coordinated emission management approach, which is needed to ensure that our future actions advance our mutual interests.

The Board resolved to send a letter to the ministers of Agriculture and Food, Environment and Climate Change Strategy, and Public Safety and the Solicitor General requesting collaboration with Metro Vancouver on developing a concerted approach for managing emissions from cannabis production and

processing in the Metro Vancouver region in a manner that protects public health and regional economic prosperity.

**E3.1 Greater Vancouver Regional Fund – Application for Scope Change to Previously Approved Project APPROVED**

TransLink submits applications annually to the Greater Vancouver Regional Fund (GVRF) to support the ongoing expansion and modernization of the region’s transit system. The applications are considered and awarded by the Board based on the consideration of a staff analysis of the criteria set out in the GVRF Application Guide. TransLink has requested that the Board consider an amendment to the previously approved GVRF application from January 2021 to add eight additional elevators at a cost of approximately \$3.8 million at the following SkyTrain facilities:

- Royal Oak, Gateway, Operations & Maintenance Centre (Edmonds)
- Surrey Central
- King George
- Scott Road
- Burrard

The Board approved the proposed scope change to TransLink’s January 29, 2021 application as set out in the report.

**E3.2 Greater Vancouver Regional Fund – 2022 Annual Report RECEIVED**

TransLink has submitted its annual report containing budget and schedule information on active projects funded with federal gas tax funds through the Greater Vancouver Regional Fund as of December 31, 2022. Although TransLink has historically delivered the majority of its projects on or ahead of schedule, 22 of 29 active projects are currently experiencing delays exceeding three months due to supply chain shortages, uncertainties in ridership recovery following COVID-19, and interdependencies between projects. \$11.9 million remains available for project funding.

The Board received the report for information.

**E3.3 Greater Vancouver Regional Fund – Program Overview and Renewal Process APPROVED**

Metro Vancouver administers the Greater Vancouver Regional Fund (GVRF) program, which has delivered approximately \$1.97 billion in federal infrastructure funding to TransLink for the expansion and modernization of transit infrastructure since its inception in 2005. The 10-year federal funding agreement that enables the GVRF is set to expire in March 2024 and is expected to be replaced by a new agreement. To inform the new federal agreement and a possible associated renewed Metro Vancouver program, the Board will need to make key decisions about the pooling and strategic allocation of future federal funds in the coming months before the current agreement expires.

This report provides an overview of how the GVRF program works and outlines some key considerations for a renewed program. Staff recommend that a workshop be held with the Board in September, with the

objective of exploring options and receiving direction to assist in finalizing the terms of the renewed program by the end of 2023.

The Board directed staff to organize a Board workshop in September 2023 to review options for the renewal of the Greater Vancouver Regional Fund program.

**E3.4 Sasamat Fire Protection Service – Communication Upgrades APPROVED**

Radio communications are essential infrastructure for the Sasamat Fire Protection Service. The Belcarra Fire Hall requires a new antenna along with a non-penetrating roof mount. In addition, Ladder Truck #7 and Tender #2 require new antennas. Finally, there are ancillary items relating to communications that also require attention. Funds are not set aside in the 2023 budget to address these matters. The SVFD Board of Trustees supports the use of reserve funds up to \$30,000 to facilitate the purchase of the new communications.

The Board approved the release of up to \$30,000 from the Sasamat Fire Protection Service Communications Capital Equipment Reserve Fund to be used for communication upgrades at Belcarra and Anmore fire halls.

**E4.1 Water Tech Cluster Initiative Update RECEIVED**

Beginning in early 2022, the Invest Vancouver Water Tech Cluster Initiative was launched to strengthen the water technology sector and innovation ecosystem in the Metro Vancouver region. In partnership with Foresight Canada, this initiative is comprised of three phases: a research phase; targeted support for water technology ventures; and events to enhance the cluster. The initial phase involved conducting research to gain a better understanding of the strengths and gaps in Metro Vancouver’s water tech sector. Subsequently, Foresight Canada focused on building the water cluster at the company level through acceleration activities. Lastly, events were organized with stakeholders to focus on the development of the water tech cluster at the regional level. The initiative has successfully enriched the region’s understanding of water tech sector and mapped potential pathways to enhance collaboration. Going forward, Invest Vancouver will build upon this by continuing to promote the water tech sector and its ventures, supporting clustering to build a stronger regional ecosystem, and also working to attract increased foreign direct investment with high quality employment opportunities.

The Board received the report for information.

**E4.2 Investment Attraction Update – Second Quarter 2023 RECEIVED**

The key performance indicators related to the strategic investment function are:

- the value of new investment facilitated and retained in the region (\$ millions)
- number of jobs associated with investment facilitated and/or retained
- the number of leads identified

- percentage of leads identified within Invest Vancouver’s seven priority industry clusters

Invest Vancouver has seen significant growth in the number of leads during Q2 2023 with an addition of 54 prospects to the pipeline. This is a 426 per cent increase over Q1. As of June 30, the current pipeline of prospective investors is 75 companies representing 1,693 jobs and \$2.47 billion in investment potential. The Invest Vancouver team started the year with 10 companies with a stated interest in investing in the region. These leads were generated in 2022 and are still active. In Q1 the team added 13 additional interested/prospective companies to bring the Q1 pipeline total to 23 prospects.

Q2 saw momentum with respect to strategic investment activity and results as Invest Vancouver continues to develop its outreach by participating in a variety of events both locally and globally to generate leads. Further, Invest Vancouver is addressing increased interest in the region through a notable uptick in foreign delegations and inbound enquiries since Q1.

The Board received the report for information.

**E4.3 Invest Vancouver Communications Update**

**RECEIVED**

Invest Vancouver continues to grow its reach through various communications channels and initiatives. As approved by the Board through the 2023 budget process, one of Invest Vancouver’s organizational performance targets for 2023 is 10,000 unique visits to the Invest Vancouver website, and we are currently tracking to meet this goal. Between January 1 and May 31, 2023, 4,200 unique users visited the site a total of 6,700 times (a 13 per cent increase and nine per cent increase compared to the previous period), and Invest Vancouver’s posts were viewed over 48,000 times on social media (29 per cent increase).

Initiatives included increased video content, a quarterly newsletter, and work supporting the launch of the April 2023 life sciences report. In 2023, Invest Vancouver is further refining digital content, assets, and overall strategy across platforms, including with a specific focus on growing reach in foreign markets in alignment with the events-based foreign direct investment strategy. This includes creating content and optimizing investvanancouver.ca and social media posts for both a global and local audience.

The Board received the report for information.

**E5.1 Invest Vancouver Overview and Update**

**RECEIVED**

Invest Vancouver, a service of Metro Vancouver, is the region’s economic development leadership service. This service continues to promote the advantages and opportunities of the Metro Vancouver region globally to advance strategic investment and economic development. This report provides background information on recent activities and accomplishments, including key performance indicators such as the number of new investments facilitated and retained in the region, as well as the number of leads identified.

Invest Vancouver has seen significant growth in the number of leads during Q2 2023 with an addition of 54 prospects to the pipeline. This is a 426 per cent increase over Q1. As of June 30, the current pipeline of prospective investors is 75 companies representing 1,693 jobs and \$2.47 billion in investment potential. In

compliment to the investment pipeline, global promotion activities have also seen substantial growth, with a social media reach increasing by 29 per cent (48,000 impressions) and website page views increasing by nine per cent (6,700) between January 1 and May 31, 2023 to comparison to the previous period. In addition, Invest Vancouver has completed nine strategic partnerships to date, surpassing the total number of partnerships achieved in 2022.

The Board received the report for information.

**E5.2 2022-2026 Board Strategic Plan**

**APPROVED**

The *Board Strategic Plan* is the guiding document for the Metro Vancouver Board of Directors for their four-year mandate. The Board Strategic Planning Session held in March 2023 was an opportunity for the Board to provide guidance on common themes and key drivers to inform the development of the 2022-2026 Board Strategic Plan.

Building from the 2019-2022 plan, and responding to the current regional and global context, the feedback from Board Directors was to develop a strategic plan centred around five key strategic priorities:

- Financial Sustainability and Regional Affordability
- Climate Action
- Resilient Services and Infrastructure
- Reconciliation
- Affordable Housing

The Board approved the 2022-2026 *Board Strategic Plan* as presented.

**E5.3 Due Diligence Improvements for Major Projects**

**RECEIVED**

Responding to capacity needs due to population growth and meeting regulatory requirements have led to a dramatic increase in the scope of Metro Vancouver’s capital program, and in the scale and complexity of capital projects. In light of these challenges, Metro Vancouver has undertaken extensive continuous improvement measures to enhance the management and delivery of projects, particularly those of the highest value, risk, and consequence.

Significant measures taken since 2020 include the establishment of a Project Delivery Department as a centre of project delivery expertise for the organization, and the development of a restructured Procurement and Real Estate Services Department, as well as implementation of enhanced project management and permitting processes.

The Board received the report for information.

**G1.1 MFA Fall 2023 Borrowing for the Village of Anmore – MVRD Security Issuing Bylaw No. 1367, 2023** **APPROVED**

Metro Vancouver serves as a borrowing conduit between member municipalities and the Municipal Finance Authority of British Columbia (MFA). As set out in the *Community Charter*, MVRD must adopt a security issuing bylaw in order for a member municipality to proceed with long-term borrowing from the MFA. The Village of Anmore requested long-term borrowing of \$2,500,000 to finance the construction of the Anmore Community Hub. The Village of Anmore’s total estimated annual debt servicing costs for existing and new proposed debt combined is approximately \$165,830 which is roughly 13.8 per cent of their liability servicing limit of \$1,203,442. The Village of Anmore has met the regulatory requirements and has the legislative authority to undertake the planned borrowing.

The Board gave consent to Village of Anmore’s request, then gave first, second, and third readings to a security issuing bylaw to authorize the entering into an agreement for financing between the MVRD and MFA, then passed and finally adopted *MVRD District Security Issuing Bylaw No. 1367, 2023* and forwarded it to the Inspector of Municipalities for a Certificate of Approval.

**G2.1 Regional Growth Strategy Amendment Bylaw No. 1364 – Gloucester Industrial Park, Township of Langley** **APPROVED**

In April 2023, the Board initiated a Type 3 Amendment to *Metro 2050*, the regional growth strategy, and gave first, second, and third readings to a regional growth strategy amendment bylaw to re-designate a site in the Township of Langley from agricultural to industrial and move the Urban Containment Boundary to allow for 14.59 hectares of land, at 26477, 26695, 26601, 26575, 26713 – 56 Avenue; 26500 Block of 56 Avenue; 5670 – 264 Street; and 5625 – 268 Street, to be added to the Gloucester Industrial Park.

As required by the *Local Government Act* and *Metro 2050*, Metro Vancouver notified affected local governments and agencies of the proposed amendment. Eight responses were received from affected local governments and agencies, plus responses from ᑭᓄᓐᓂᓐᓂᓐ (Kwantlen First Nation) and the Greater Langley Chamber of Commerce.

The Board received for information the comments from the affected local governments and agencies as presented, adopted *MVRD Regional Growth Strategy Amendment Bylaw No. 1364, 2023*; and accepted the Township of Langley’s amended, and corresponding, Regional Context Statement regarding the change in regional land use designation.

**G2.2 COVID-19 Vaccination Policy, Governance Group** **RESCINDED**

The *COVID-19 Vaccination Policy, Governance Group* was adopted on January 28, requiring all Board and Committee members as well as the CAO to provide proof of vaccination before attending any Metro Vancouver workplace, event, or Board- or committee-related activity.

The Board rescinded the policy.



**G2.3 Public Engagement on Development Cost Charges**

**APPROVED**

Per Board policy *GV-018 Public Engagement*, the Board of Directors is responsible for authorizing engagement processes. Proposed changes to GVS&DD, GVWD, and MVRD Development Cost Charges have the potential to impact the public and stakeholders. The input received through this process will inform the budget process in October 2023.

The Board directed staff to consult with member jurisdictions, the Urban Development Institute and other parties on proposed updates to Development Cost Charges as recommended.

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

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

**Regional Parks Committee – July 5, 2023**

Delegations:

**3.1 Ellen Hayakawa**

Subject: Regional Park at Cape Roger Curtis - Park Planning and Municipal Update

Information Items:

**5.5 Draft 2024 – 2028 Regional Parks Capital Plan**

The draft *2024 – 2028 Regional Parks Capital Plan* has been prepared following direction received at the April 19, 2023 Metro Vancouver Board Budget Workshop and continues to maintain levels of customer service for people visiting regional parks. 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 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 2024 capital cash flow is \$32 million with a total estimated spend of \$171.7 million over the five years. Adjustments to the *2024 – 2028 Capital Plan* are due to updated timing of investment on projects to reflect project progress, planning, and permitting requirements, and ongoing advanced design for park initiatives and greenway development.

**Climate Action Committee – July 6, 2023**

Information Items:

**5.4 2023 Update on Water Sustainability Innovation Fund Projects**

This report provides an update on 16 projects approved for funding between 2018 and 2022 under the Water Sustainability Innovation Fund. The project topics range from assessing contaminants of emerging concern, microplastics and disinfection byproducts, to water supply monitoring and information

management, grey water reuse, earthquake early warning systems, and digitizing and updating existing hydrological and hydraulic analytical processes.

### **George Massey Crossing Task Force – July 6, 2023**

Information Items:

#### **5.1 Fraser River Tunnel Project Environmental Assessment Process Update**

The Fraser River Tunnel Project is proposing to replace the existing George Massey Tunnel on Highway 99 with a new, eight-lane immersed tube tunnel. The project is undergoing an environmental assessment by the BC Environmental Assessment Office and is currently in the readiness decision phase of the review process. Metro Vancouver staff are participating in the environmental assessment review. TI Corp is anticipating that a readiness decision will be reached on the project in summer 2023 and the project may then proceed to the process planning stage. TI Corp is expecting to complete the environmental assessment certificate process before fall 2025.

#### **5.2 Fraser River Tunnel Project Procurement Process Update**

The Ministry of Transportation and Infrastructure has issued a request for qualifications for the Fraser River Tunnel Project. The new crossing will be an eight-lane immersed tube tunnel with three general-purpose travel lanes and one dedicated transit lane in each direction. The new tunnel will have bike and pedestrian crossings to support active transportation options in the region. A progressive design build with target price procurement model has been selected for the project. Responses to the request for qualifications are due by September 14, 2023. Following the request for qualifications, the Province will issue a request for proposals for a design-early works agreement from a shortlist of qualified teams to select a single proponent to move forward in the procurement process. The request for proposals for the design-early works agreement is scheduled for award in spring 2024. Award of a separate design-build request for proposals is scheduled for 2025. The estimated cost of the George Massey Crossing immersed tube tunnel is approximately \$4.15 billion and is projected to be completed in 2030.

### **Finance Committee – July 13, 2023**

Information Items:

#### **5.6 Metro Vancouver Quarterly Financial Report – June 30, 2023**

The June 30, 2023 quarterly financial report presented in this report is the second quarterly financial report for fiscal 2023. The 2023 second quarter results indicates that the year-to-date operating variance to budget is currently at \$39.3 million. Overall revenues are two per cent higher than budget, whereas expenditures lower than budget, at 92 per cent of the year-to-date budget. Key factors contributing to lower than expected expenditures include staff vacancies, deferred operating projects, and seasonality of expenditures. Capital spending is 41.4 per cent of the prorated budget; however, it is expected that projects in the construction phase will increase in activity throughout the summer and into the remainder of the year. Investment returns are averaging 4.05 per cent. Cash flow projections and accounts receivable collections are on target and remain positive in both the likely and pessimistic scenarios.

### **Invest Vancouver Management Board – July 14, 2023**

Information Items:

**5.1 Economic Reconciliation Update**

Invest Vancouver continues to pursue economic reconciliation efforts as one of its priorities outlined in the Invest Vancouver 2023 Annual Plan. The proposed approach to economic reconciliation reflects a long-term commitment to a shared journey of learning and relationship-building.

Proposed actions include acknowledging past and present injustices that impact community well-being and economic outcomes, engaging in dialogue to develop shared visions and values, and identifying opportunities for collaboration and partnership. Invest Vancouver, as part of Metro Vancouver, seeks to collaborate with Indigenous Peoples in the region to identify and advance economic development opportunities in alignment with shared vision and values, ultimately supporting actualization of Indigenous prosperity. This report was deferred at the April 21, 2023 Invest Vancouver Management Board meeting due to lack of time to thoroughly engage with the content. Since then this report has been updated to include reference to the United Nations Declaration on the Rights of Indigenous Peoples and supporting federal and provincial frameworks for reconciliation.

**Greater Vancouver Water District**

**E1.1 Award of Phase B Detailed Design Consulting Engineering Services from Request for Proposal No. 20-287 Coquitlam Main No. 4 Tunnel – Preliminary Design, Detailed Design and Construction Consulting Engineering Services APPROVED**

Coquitlam Main No. 4 Tunnel Section is a key component of the Coquitlam Water Supply Projects to expand the Coquitlam supply system, which will both address a current shortfall in transmission capacity and meet the growing demand for drinking water in the region. The Board awarded Phase A Preliminary Design Consulting Engineering Services for the Coquitlam Main No. 4 Tunnel Section to Hatch Limited in 2021. Preliminary design is anticipated to be complete in summer 2023. As stipulated in Request for Proposal No. 20-287, award of Phase B Detailed Design Consulting Engineering Services was to be negotiated upon successful completion of Phase A services.

The Board approved the award of Phase B, Detailed Design Consulting Engineering Services, for an amount up to \$13,671,153 (exclusive of taxes) to the Phase A consultant, Hatch Limited, for Request for Proposal No. 20-287 Coquitlam Main No. 4 Tunnel – Preliminary Design, Detailed Design and Construction Consulting Engineering Services, subject to final review by the Commissioner.

**E1.2 Award of Tender No. 22-178 – Construction Services for Douglas Road Main No. 2 (South Open Cut Section) APPROVED**

The Douglas Road Main No. 2 South Open Cut Section project consists of approximately 1,100 metres of 1,500-millimetre-diameter welded steel water main and a large underground valve chamber located in Burnaby. The new main is the last section that is required to replace the existing Douglas Road Main No. 1 between North Burnaby and New Westminster that was built in the 1940s.

The Board approved the award of Tender No. 22-178 for Construction Services for Douglas Road Main No. 2 – South Open Cut Section; in the amount of up to \$20,626,875 (exclusive of taxes) to Sandpiper Contracting LLP, subject to final review by the Commissioner.

**E1.3 Guide to Metro Vancouver Utility Capital Projects for Member Jurisdictions and Impact Mitigation Framework** **RECEIVED**

Metro Vancouver currently mitigates and compensates member jurisdictions for the impact of projects taking place within their jurisdiction through various means, which are generally negotiated on a case-by-case basis. Mitigation and compensation for member jurisdictions may take the form of changes to a design resulting in higher project costs, addition of community amenities, upgrades to member’s infrastructure, provision of resources to our members to handle increased workload resulting from our projects, as well as payment of fees for various permits, lost revenue, letters of credit, and other charges.

Metro Vancouver staff continue to work with member jurisdictions to review practices with a goal to create a predictable, consistent, and equitable approach to mitigating and compensating member jurisdictions for the impacts to their community during construction of region-serving infrastructure. This report provided an update on this work, including publishing the Guide to Metro Vancouver Utility Capital Projects for Member Jurisdictions.

The Board received the report for information.

**G1.1 Water Conservation Update** **RECEIVED**

The Commissioner provided a verbal update regarding water conservation.

**G1.2 Public Engagement on Development Cost Charges** **APPROVED**

Per Board policy *GV-018 Public Engagement*, the Board of Directors is responsible for authorizing engagement processes. Proposed changes to GVS&DD, GVWD and MVRD Development Cost Charges have the potential to impact the public and stakeholders. The input received through this process will inform the budget process in October 2023.

The Board directed staff to consult with member jurisdictions, the Urban Development Institute and other parties on proposed updates to Development Cost Charges as recommended.

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

The Board received an information item from a standing committee.

**Water Committee – July 12, 2023**

Information Items:

**5.1 Draft Water 2024 – 2028 Capital Plan**

The draft *2024 – 2028 Water Capital Plan* has been prepared based on direction received at the April 19, 2023 Metro Vancouver Board Budget Workshop and continues to maintain the customer service levels for water customers. 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 *2024 – 2028 Water 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 2024 Capital Cash Flow is \$432.9 million with a total estimated spend of \$3 billion over the five years (2024 – 2028). With respect to the common four years compared to the prior cycle’s capital plan, the estimated spend has decreased by \$198.8 million, or 8.7 per cent, primarily due to project deferrals to ensure projects are deliverable within internal and market capacity. Project deferral savings are offset by cost escalations.

**5.5 GVWD Capital Program Expenditure Update to April 30, 2023**

The capital expenditure reporting process as approved by the Board provides for regular status reports on capital expenditures three times per year. This report includes both the overall capital program for the water utility with a multi-year view of capital projects, and the actual capital spending for the fiscal year to April 30, 2023 in comparison to the prorated annual capital cash flow. In 2023, the annual capital expenditures for GVWD are \$58.2 million to date compared to a prorated annual capital cash flow of \$133.3 million. Forecasted expenditures for the current water utility capital program remain within the approved budgets through to completion.

**Greater Vancouver Sewage and Drainage District**

**E1.1 Guide to Metro Vancouver Utility Capital Projects for Member Jurisdictions and Impact Mitigation Framework**

**RECEIVED**

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Metro Vancouver staff continue to work with member jurisdictions to review practices with a goal to create a predictable, consistent, and equitable approach to mitigating and compensating member jurisdictions for the impacts to their community during construction of region-serving infrastructure. This report provides an update on this work, including publishing the Guide to Metro Vancouver Utility Capital Projects for Member Jurisdictions.

The Board received the report for information.

**E1.1 Phase 2 Design Build Consulting Services for the Lions Gate Secondary Wastewater Treatment Plant - Change Order to AECOM Contract PC14-0408** **APPROVED**

As a result of extensive deficiencies in the prior contractor’s design and construction works, Phase 2 of the North Shore Wastewater Treatment Plant will require extensive effort for AECOM, the new contractor.

Phase 2 activities include completion of the detailed design, provision of support for the procurement of owner-supplied equipment, providing design and comprehensive construction support over an extended construction duration, leading the wastewater commissioning process, condensing the design duration and implementing design optimization opportunities for the project.

The Board approved Phase 2 Design Consulting Services for the Lions Gate Secondary Wastewater Treatment Plant of AECOM Contract PC-0408 through a change order in the amount of \$113,000,000, for a total contract value of \$153,000,000 (exclusive of taxes), subject to final review by the Commissioner.

**E1.3 Award of RFP No. 23-121 Technical Services for the North Shore Wastewater Treatment Plant Project** **APPROVED**

To support Metro Vancouver’s due diligence and oversight of the work to complete the North Shore Wastewater Treatment Plant Project, the Board issued *RFP No. 23-121* on April 14, 2023 to secure an Owner’s Engineer.

The Board approved award a contract for the North Shore Wastewater Treatment Plant Project, in the amount of \$25,000,000 (exclusive of taxes) to Stantec Consulting Ltd., subject to final review by the Commissioner.

**G1.1 Greater Vancouver Sewerage and Drainage District Sewer Use Amendment Bylaw No. 366, 2023** **APPROVED**

Metro Vancouver routinely reviews and updates bylaws to ensure accuracy, clarity, and enforceability.

Revisions to the sewer use bylaw include changes to definitions, wording, and terminology improvements to existing clauses and new provisions that improve interpretation, enforceability, and administration of the bylaw. The scope of the revisions does not constitute policy or material changes and thus do not require engagement with stakeholders.

The Board gave first, second, and third readings to *GVS&DD Sewer Use Amendment Bylaw No. 366, 2023*; then passed and finally adopted said bylaw.

**G1.2 Greater Vancouver Sewerage and Drainage District Hospital Pollution Prevention Amendment Bylaw No. 367, 2023** **APPROVED**

This bylaw amendment includes terminology and consistency improvements to address operational and enforceability issues, and to improve accuracy and clarity. No policy or material revisions were made, and thus no engagement with stakeholders is required.

The Board gave first, second, and third reading to *GVS&DD Hospital Pollution Prevention Amendment Bylaw No. 367, 2023* then passed and finally adopted said bylaw.

**G1.2 Public Engagement on Development Cost Charges**

**APPROVED**

Per Board policy *GV-018 Public Engagement*, the Board of Directors is responsible for authorizing engagement processes. Proposed changes to GVS&DD, GVWD and MVRD Development Cost Charges have the potential to impact the public and stakeholders. The input received through this process will inform the budget process in October 2023.

The Board directed staff to consult with member jurisdictions, the Urban Development Institute and other parties on proposed updates to Development Cost Charges as recommended.

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

The Board received information items from standing committees.

**Zero Waste Committee – July 13, 2023**

Delegations:

**3.1 Lori Bryant, Waste Management Association of BC (WMABC)**

Subject: Smart Waste Program

Information Items:

**5.1 Draft Solid Waste Services 2024 – 2028 Capital Plan**

The draft *2024 – 2028 Solid Waste Services Capital Plan* has been prepared following direction received at the April 19, 2023 Metro Vancouver Board Budget Workshop and continues to maintain the Solid Waste customer level of service objectives. 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 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. Capital program expenditures are funded through debt charges in the annual operating budget. Solid Waste Services closely monitors waste flows as tipping fees are the primary revenue source for the solid waste system.

The estimated 2024 capital cash flow is \$44.1 million with a total estimated spend of \$314.7 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 \$36.6 million. This is offset by 2023 projects re-budgeted in later years, so the overall 2023 – 2027 plan is increasing by \$15.5 million. Increases in recycling and waste centre and waste-to-energy facility costs are offset by projects moved out of the capital plan window. The first year of costs for Phase 2 of the district energy system, connecting to Burnaby’s district energy utility, is included in 2028 of the capital plan. Increases in the expected scale of the district energy project will result in an increased GHG reduction, from an estimated 45,000 tonnes CO<sub>2e</sub> to 70,000 tonnes CO<sub>2e</sub> annually, equivalent to removing 15,000 vehicles from the road in perpetuity.

## 5.2 Solid Waste Services Capital Program Expenditure Update as of April 30, 2023

The capital expenditure reporting process, as approved by the Board, provides for status reports on capital expenditures three times per year. This is the first report for 2023, which includes both the overall capital program for the solid waste utility with a multi-year view of capital projects and the actual capital spending for the fiscal year to April 30, 2023, in comparison to the annual capital cash flow. As of April 30, 2023, the capital expenditures for Solid Waste Services are \$1.3 million compared to a prorated annual Capital Cash Flow of \$14.3 million. The underspend is primarily due to the timing of the pre-construction phases of Waste-to-Energy Facility and recycling and waste centre projects. Projects underway are expected to be completed within approved budgets.

## 5.3 Solid Waste Management Plan: Vision and Guiding Principles Engagement Initial Feedback

In spring 2023, Metro Vancouver launched engagement on the vision and guiding principles for an updated solid waste management plan. Metro Vancouver has reached out to First Nations, member jurisdictions, adjacent regional districts, and advisory committees. A range of feedback has been received on values, interests, and priorities to be considered. Themes heard so far include accountability, climate resilience, convenience, environmental stewardship, and promoting a circular economy through increased reuse and repair. Feedback received will contribute to the development of the vision and guiding principles for the updated solid waste management plan. Following a public engagement period later this year, staff will report back with a full engagement summary report, a draft vision statement, and guiding principles for consideration.

## 5.4 Draft Tipping Fee Bylaw Updates

Metro Vancouver has a North America-leading recycling rate and continues to strive towards zero waste, greenhouse gas emission reduction, and a circular economy. This success is in large part due to a robust solid waste policy and regulatory framework that encourages waste reduction and recycling, guided by the solid waste management plan. Key components of that framework include the generator levy and disposal bans on recyclable materials, which are implemented through the *Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017*, as amended (*Tipping Fee Bylaw*). The generator levy encourages the use of Metro Vancouver and City of Vancouver solid waste facilities (regional solid waste facilities) where recyclable materials are banned from disposal, and ensures all garbage generators contribute to funding the cost of the regional solid waste system. The generator levy is included in the garbage tipping fee charged at regional solid waste facilities; however, if garbage is delivered to other facilities, haulers must pay the per-tonne generator levy directly to Metro Vancouver. Draft updates to the *Tipping Fee Bylaw* streamline definitions, strengthen records management requirements, and promote generator levy compliance. Metro Vancouver will engage with the solid waste and recycling industry and others on the draft updates, and engagement feedback will be communicated to the Zero Waste Committee and Board along with any proposed updates to the *Tipping Fee Bylaw*.

## 5.5 Smart Waste Program

Metro Vancouver is initiating a smart waste program that involves the use of location-based electronic devices to observe the movement of garbage around the region. Gathering and analyzing data on the movement of garbage helps inform waste management trends and assists in solid waste system planning. The information will also help confirm compliance with the generator levy provisions of the *Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017*, as amended. Similar programs have been implemented by other organizations to understand the



movement of waste both within Canada and internationally. Environmental, health and safety, and privacy impact assessments were conducted as part of planning for implementation of the smart waste program. Those analyses confirmed the use of the devices has the lowest environmental impact of observation methodologies reviewed, creates negligible health and safety risks, and does not involve collection of any personal information.

### **5.6 2022 Disposal Ban Program Update**

The disposal ban program is a key tool for Metro Vancouver to encourage waste reduction and recycling. Under the program, garbage loads are visually inspected for banned materials and surcharges are applied if banned materials are present. Approximately 24 per cent of the garbage loads received at Metro Vancouver and City of Vancouver solid waste facilities were inspected in 2022, and of those loads approximately 12 per cent contained banned materials and 1.8 per cent received surcharge notices. Inspectors were able to work with customers and provide alternative recycling options to prevent more than 20,000 loads containing banned materials from being disposed as garbage. Electronic waste, corrugated cardboard, and food waste were the top three banned materials identified.

Metro Vancouver has contracted with a consultant to review the disposal ban program with the goal of identifying any opportunities for improvement. Results of the review and subsequent engagement feedback on any improvement opportunities will be brought back to the Zero Waste Committee.

### **Liquid Waste Committee – July 19, 2023**

Information Items:

#### **5.1 Draft Liquid Waste 2024 – 2028 Capital Plan**

The draft *2024 – 2028 Liquid Waste Capital Plan* has been prepared based on direction received at the April 19, 2023 Metro Vancouver Board Budget Workshop and continues to meet the goals of the Liquid Waste Customer Level of Service Objectives. 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 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 2024 Capital Cash Flow is \$736.6 million with a total estimated spend of \$5.4 billion over the five years (2024 – 2028). With respect to the common four years compared to the prior cycle's capital plan, the estimated spend has decreased by \$486.1 million, or 12 per cent primarily due to project schedule changes.

#### **5.2 Liquid Waste Services Capital Program Expenditure Update as at April 30, 2023**

The capital expenditure reporting process as approved by the GVS&DD Board provides for status reports on capital expenditures three times per year. This is the first report for 2023 which includes the overall capital program for Liquid Waste Services with a multi-year view of capital projects, and the actual capital spending for the fiscal year to April 30, 2023 in comparison to the annual capital cash flow. As of April 30, 2023, the capital expenditures for Liquid Waste Services are \$69.1 million, compared to a prorated annual capital cash flow of \$227.3 million. This shortfall is primarily due to invoicing and project delays and the timing of some construction work for the latter portions of the year. Forecasted expenditures for the

current Liquid Waste Services capital program generally remain within the annual capital cash flow planned for 2023.

**Metro Vancouver Housing Corporation**

**E1.1 BC Rental Protection Fund – Metro Vancouver Housing Pre-Qualification APPROVED**

In January 2023, the Government of British Columbia announced the Rental Protection Fund, a \$500 million program to assist non-profit organizations with acquiring purpose-built rental buildings to preserve existing affordable rental housing, and protect tenants by preventing rental unit loss as a result of speculation. Metro Vancouver Housing may be able to leverage this fund to acquire rental buildings to add to its portfolio, in particular by exploring the acquisition of buildings adjacent to existing Metro Vancouver Housing sites, which could open up opportunities for future expansion. The fund may also provide a means of advancing Metro Vancouver Housing’s regional equity objectives by enabling the acquisition of buildings in municipalities that are currently underserved by Metro Vancouver Housing. While details about the program are still limited, staff anticipate that pre-qualification for the Rental Protection Fund will open in summer 2023.

The Board directed staff to submit an application for pre-qualification to the BC Rental Protection Fund program, and support exploration of potential options for future consideration under the program.

**E1.2 Decarbonization Plan – Meeting Metro Vancouver Housing’s 10-Year Plan Targets RECEIVED**

The *Metro Vancouver Housing 10-Year Plan* includes a GHG emissions reduction target of 45 per cent by 2030 (against 2010 levels). Since 2010, energy and GHG emission reduction projects implemented have resulted in a 12 per cent absolute reduction up to 2022. Through the integration of the Asset Management Program, Energy Management Program, and Capital Investment Methodology, a Decarbonization Plan has been developed to ensure Metro Vancouver Housing continues to reduce GHG emissions and remain on track to meeting the 10-Year Plan targets as well as Metro Vancouver’s regional climate targets in *Climate 2050*.

MVH’s Decarbonization Plan currently shows a 42 per cent reduction in GHGs; however, Metro Vancouver Housing expects to exceed the 45 per cent reduction target in the *10-Year Plan* with additional funding and grants.

The Board received the report for information.

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

The Board received information items from standing committees.

**Housing Committee – July 7, 2023**

Information Items:

### 5.3 Draft Metro Vancouver Housing 2024 – 2028 Capital Development and Capital Maintenance Plans

The draft 2024 – 2028 Metro Vancouver Housing Capital Development and Capital Maintenance Plans have been prepared following direction received at the April 19, 2023 Metro Vancouver Board Budget Workshop and continues to be guided by key objectives of *the Metro Vancouver Housing 10-Year Plan*. As part of Metro Vancouver’s commitment to 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 MVHC Board. The draft 2024 capital development cash flow is \$108.2 million with a total estimated spend of \$550.3 million over the next five years. The draft *2024 – 2028 Capital Maintenance Plan* proposes a budget of \$35.2 million for 2024 and a total of \$108.2 million over the five-year budget cycle. As MVH has begun planning for Tranche 2 of expansion, the budget five-year cycle-over-cycle development plan has increased by \$163.3 million (42.2 per cent). To ensure assets are kept within the targeted facility condition, capital maintenance has been front loaded, and the five-year cycle-over-cycle capital maintenance plan has increased by \$20.1 million (22.8 per cent) from the corresponding years in the prior year capital plans.