

## **For Metro Vancouver meetings on Friday, April 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@metrovancouver.org](mailto:media@metrovancouver.org).*

## **Metro Vancouver Regional District**

### **E1.1 Regional Public Works Mutual Aid Agreement**

**APPROVED**

A major emergency or other serious incident affecting one or more local or regional authorities is more and more likely to affect the Metro Vancouver region given the impacts of climate change and the ever present seismic risk. The current *GVRD Public Works Mutual Aid Agreement* dated February 8, 2000 requires modernizing because several jurisdictions, such as Anmore, Belcarra, Bowen Island, Tsawwassen First Nation, Lions Bay, UBC/UEL, MVRD, GVS&DD, and GVWD are not party to the agreement, and would like to be included. The new *Regional Public Works Mutual Aid Agreement* improves on the agreement from 2000 and is intended to set the terms and conditions for sharing resources during a coordinated and supportive response.

The new agreement has undergone extensive consultation through a number of municipal advisory committees, most notably the Regional Administrators Advisory Committee, who unanimously endorsed the final version of the agreement. Over the next six months, boards and councils around the region will be given the opportunity to sign the agreement. Once completed, the February 8, 2000 agreement will be repealed.

The Board authorized the Board Chair and Chief Administrative Officer to sign the new *Regional Public Works Mutual Aid Agreement*.

### **E2.1 Electoral Area A Emergency Response Reimbursement Temporary Policy**

**APPROVED**

Outside of UBC and UEL, there are no areas in Electoral Area A that have a fire service. When a fire or other emergency occurs in these areas, an adjacent local government may respond at their discretion. This has occurred multiple times over the last several decades, including most recently in late 2021 when Surrey Fire Department responded to a barn fire on Barnston Island. As in past instances, Metro Vancouver received an invoice from the City of Surrey for costs related to their response (\$27,175). While staff continue to explore permanent solutions (e.g. service areas and agreements), Metro Vancouver staff have prepared a temporary policy that would enable Metro Vancouver to reimburse adjacent local governments for reasonable response costs to a maximum of \$25,000 per incident and \$50,000 total annual impact to the Electoral Area Services budget. This model is comparable to mutual-aid agreements that many municipalities have amongst each other but relies on cost reimbursement since Electoral Area A does not have a fire department.

The Board approved the *Electoral Area A Emergency Response Reimbursement Temporary Policy* as presented and approved payment in the amount of \$25,000 from the 2022 Electoral Area Services budget to reimburse the City of Surrey for costs related to responding to a barn fire on Barnston Island in late 2021.

### **E3.1 2022 Update on National Zero Waste Council Activities**

**RECEIVED**

In 2022, the National Zero Waste Council will celebrate its 10-year anniversary. With a membership of more than 180 local governments, businesses and NGOs from across Canada, the Council plays a leadership role in advancing waste prevention and the transition to a circular economy.

Key accomplishments over the past 10 years are many. They include the annual Zero Waste Conference now recognized globally as one of the premier events on waste prevention and the circular economy, strategic collaborations with partners across Canada and sectors that have led to the launch of *the Love Food Hate Waste Canada* campaign, the *Circular Cities and Regions Initiative* and the creation of the *Canada Plastic Pact*. The Council's leadership on food has led to leadership work with Agriculture and Agri-Food Canada on policy and innovation reducing food waste throughout the value chain. Related to knowledge creation, the Council released the foundational report *Waste Prevention: The Environmental and Economic Benefits for Canada* and produced an online toolkit supporting expanded use of recycled or reused asphalt. In addition, by being strategic and effective in identifying priority areas of work, the Council has been able to leverage funds from external sources, expanding the capacity and scope of the Council to deliver on its objectives and demonstrating the strength of the Council and Metro Vancouver to convene and connect leaders in cross sector collaborations and initiatives.

A planning process will provide an assessment of strategic opportunities and priorities that will guide the development of a 2022–2025 Strategic Plan for the Council.

The Board received the report for information.

### **E4.1 Draft Climate 2050 Energy Roadmap**

**APPROVED**

At its April 8, 2022 meeting, the Climate Action Committee considered the draft *Climate 2050 Energy Roadmap* and requested that staff add contextual information on the gap in clean, renewable energy supply necessary to meet the greenhouse gas reduction targets, and consider adding actions related to the use of solar photovoltaics and local government influence in terms of fossil fuel infrastructure. These revisions will be made to the draft roadmap.

The Board directed staff to proceed with engagement on the draft *Climate 2050 Energy Roadmap* as presented, incorporating feedback from the Climate Action Committee.

### **E4.2 Draft Climate 2050 Nature and Ecosystems Roadmap**

**APPROVED**

At its April 8, 2022 meeting, the Climate Action Committee considered the draft *Climate 2050 Nature and Ecosystems Roadmap* and requested that staff clarify the definition of natural assets, add further detail on human health benefits, enhance marine and coastal content, and consider adding more examples of green infrastructure. These revisions will be made to the draft roadmap prior to the initiation of engagement.

The Board directed staff to proceed with engagement on the draft *Climate 2050 Nature and Ecosystems Roadmap* as presented, incorporating feedback from the Climate Action Committee.

#### **E4.3 Proposed Roadmap for Climate Action Engagement to 2025 and Work Plan for 2022** RECEIVED

Metro Vancouver is committed to bold leadership in responding to climate change and becoming a carbon neutral and climate resilient region by 2050. Achievement of this goal will require the implementation of not only incremental actions, but also transformational changes that are dependent on strong public and other support. Garnering this support relies in part on effectively communicating how objectives reflect shared values as well as a common sense of purpose. Also key to success is enhanced collaboration within the region and across jurisdictions.

Metro Vancouver is now at a pivotal point as it accelerates action on climate and shifts from planning to implementation. While Climate 2050 Roadmaps are being developed for the ten issue areas, there is also a critical role for effective engagement and a roadmap to guide climate action engagement is also needed. Providing an overarching framework, the roadmap will identify the considerations for engaging a broad public audience on climate action in addition to continuing engagement with stakeholders and other governments. The roadmap will establish the foundations for effective and meaningful engagement, including public opinion research; consistent messaging for public-facing communications; working with influencers; creating meaningful engagement opportunities; strengthening dialogue with First Nations; and a commitment to reporting on progress.

The Board received the report for information.

#### **E4.4 Appointment of District Director and Enforcement Officers** APPROVED

Recent changes in staff have resulted in a need to update staff appointments as the MVRD Board-designated district director and officers under *the Greater Vancouver Regional District Air Quality Management Bylaw 1082, 2008*, and the *Environmental Management Act and the Offence Act*.

The Board, pursuant to the aforementioned bylaw and act:

- Rescinded the appointments of Ray Robb as district director, and of Kathy Preston as assistant district director
- Appointed Metro Vancouver employee Kathy Preston as district director
- Rescinded the appointments of Toby Gritten, and Dan Saunders as officers
- Appointed Metro Vancouver employee Muhammad Ali as an officer

Additionally, the Board, pursuant to section 28 of the Offence Act for the purpose of serving summons for alleged violations under Bylaw 1082:

- Rescinded the appointments of Toby Gritten, and Dan Saunders
- Appointed Metro Vancouver employee Muhammad Ali

## **E5.1 Status of Regional Parks Capital Expenditures to December 31, 2021**

**RECEIVED**

The Board received for information a year-end report for 2021 which compares capital spending for the 2021 fiscal year to the annual budget. In 2021, annual capital expenditures for Regional Parks Services were \$22.2 million compared to an amended capital budget of \$26.5 million. All capital funding surplus will remain with Regional Parks and will be returned to its reserves to fund future capital.

## **E6.1 Audited 2021 Financial Statements**

**APPROVED**

Although we have encountered unprecedented global conditions, the 2021 Audited Financial Statements illustrate that Metro Vancouver entered this period in a strong financial position with excellent liquidity and solid reserves.

The financial statements have been prepared in accordance with Canadian Public Sector Accounting Standards and have received an unqualified audit opinion by the external auditors, BDO Canada LLP Chartered Professional Accountants.

The Board approved the Audited 2021 Consolidated Financial Statements for the Metro Vancouver Regional District as presented.

## **E6.2 2021 Financial Results Year-End**

**RECEIVED**

The final overall operational results for 2021 for Metro Vancouver's functions is a net surplus of close to \$47.2 million on an approved budget of \$943.8 million or approximately 5.0% of the budget. The results were positive for most functions with surpluses realized, which are available in future years to either avoid debt through additional contributions to capital or to pay for future projects or to reduce future tax requisitions, levies or fees to the member municipalities.

In addition, capital program expenditures for Metro Vancouver's functions were underspent for the year by \$819.6 million overall with the majority of the surplus generated in the utilities (Liquid Waste, Water, Solid Waste and Housing) due to delay/deferral of expenditures for several major capital projects to future.

The Board received the report for information.

## **E7.1 Invest Vancouver Provincial Government Engagement**

**RECEIVED**

Released on February 17, 2022, the BC economic plan, *StrongerBC: A Plan for Today, a Vision for Tomorrow*, outlines the work that the provincial government is undertaken, organized around the goals of "clean growth" and "inclusive growth." Invest Vancouver identified areas of alignment between the provincial government's *StrongerBC Economic Plan* and the *Invest Vancouver 2022 Annual Plan* in order to highlight Invest Vancouver activities and BC initiatives.

The resulting document, *Supporting the Activation of the StrongerBC Economic Plan in the Metro Vancouver Region*, will be used to facilitate conversation on alignment between Invest Vancouver's goals and objectives and those of the provincial government.

The Board received the report for information.

## **E7.2 Agritech: Findings and Actions to Strengthen the Sector in the Metro Vancouver Region**

**RECEIVED**

Creating more resilient and efficient food systems will require innovation and the harnessing of technology to produce, process and distribute food. While the Metro Vancouver region has opportunities in both agritech (technological solutions focused on the farm sector) and foodtech (innovation in food processing and food products), the subject of Invest Vancouver's research report is technological innovations in the farm sector, variously described as "agritech." *Agritech Today, Building for Tomorrow: Findings and Actions to Strengthen the Sector in the Metro Vancouver Region* presents an overview of the sector and its challenges, followed by recommendations on how to support the sector's growth.

Agritech in the region has a concentration of early-stage firms. These are primarily technology firms whose products are applied to agricultural problems. With healthy support for the sector, the next big challenge is to create an environment where agritech start-ups can scale-up successfully. Actions are needed to create a more cohesive agritech ecosystem, enable BC farmers to adopt local agritech solutions, provide fast prototyping and small-scale manufacturing capacity, and support young companies to get off the ground and access foreign markets. Growth in the agritech sector is within reach and BC and the Metro Vancouver region need to take action now to realize it.

The Board received the report for information and directed staff to refer the report to Metro Vancouver's Agricultural Awareness Committee.

## **E7.3 Events and Partnerships Report**

**APPROVED**

Invest Vancouver, the Metro Vancouver region's economic development leadership service, must collaborate with a variety of entities in order to advance economic development priorities of regional significance. Invest Vancouver is routinely approached to participate in various engagement opportunities and has identified additional opportunities for collaboration.

At present, the *Sponsorship Policy* requires Board approval for sponsorship requests above \$1,500 and specifies criteria that a sponsorship proposal must meet in order to be considered including that the organization be organized and/or supported by a registered charitable organization or not-for-profit entity that that Metro Vancouver will not consider proposals that primarily promote a private or commercial interest.

Given that events and partnerships are a routine part of economic development and that the annual budgeted amounts for partnership and collaborative efforts of Invest Vancouver are approved by the Metro Vancouver Board, adjustments to the *Sponsorship Policy* may be warranted.

The Board directed staff to bring proposed amendments to the *Sponsorship Policy* that would account for Invest Vancouver’s unique role as an economic development leadership service to the MVRD Board for consideration.

#### **E7.4 Motivate VANCOUVER 2022 Update**

**APPROVED**

On Wednesday, June 29, 2022 Invest Vancouver and CoMotion will host Motivate VANCOUVER, shining a global spotlight on the Metro Vancouver region’s most dynamic early-stage companies in the rapidly-evolving emerging mobility and clean transportation space. Motivate VANCOUVER features pitches, panels, and networking gatherings in an in-person format. A curated group of start-ups will present to an audience of venture capitalists, business development leaders, and investors.

Event planning is well underway and key accomplishments to date include the completion of the event website, establishing selection criteria for companies, advancing a partnership strategy, and identifying key opportunities for collaboration. With respect to collaboration, five clean transportation events are slated to occur in June in Metro Vancouver including Motivate VANCOUVER.

In support of this initiative, the Board proclaimed June 2022 as “Clean Transportation Month.”

#### **E8.1 Process for First Nations Engagement with the Flood Resiliency Task Force**

**APPROVED**

The Flood Resiliency Task Force directed staff to prepare a plan for First Nations engagement in order to hear directly from First Nations on any challenges and priorities that Indigenous communities within the Metro Vancouver region are facing related to flood resiliency. The Board authorized staff to proceed with the First Nations engagement process as presented.

#### **E9.1 Considering TransLink’s 2022 Investment Plan and Proposed Increase in Borrowing Limit**

**RECEIVED  
APPROVED**

TransLink regularly consults with the MVRD Board on major strategies and plans and is currently consulting on the *2022–2031 Investment Plan*. Pursuant to the *South Coast British Columbia Transportation Authority Act*, prior to consideration by the Mayors’ Council, TransLink is required to consult with Metro Vancouver.

TransLink faced unprecedented financial challenges during the COVID-19 pandemic, with significant impacts on transit ridership and fare revenues. The 2022 Investment Plan supports the region’s pandemic recovery, and is focused on stabilizing TransLink’s finances, maintaining the transit system, advancing strategic projects, and replacing lost revenue streams. TransLink is seeking an increase to its borrowing limit to support the delivery of capital expenditures for infrastructure projects identified in the plan. The 2022 Investment Plan advances the goals of Transport 2050 and supports the regional growth strategy’s objectives to reduce greenhouse gases, and align planned locations for growth (i.e. connecting and reinforcing Urban Centres and Frequent Transit Development Areas) with transit investment, but does so in a more limited way than previous investment plans given current financial constraints.

The Board received the report for information and resolved to send a letter to the Mayors' Council on Regional Transportation communicating support for the alignment of TransLink's 2022 Investment Plan with the regional growth strategy and for the proposed increase to TransLink's borrowing limit associated with the implementation of the Investment Plan.

## **E10.1 2022 Indigenous Partnership Success Showcase Sponsorship Request**

**APPROVED**

Invest Vancouver has the opportunity to sponsor the 2022 Indigenous Partnership Success Showcase occurring May 26–27, 2022. The purpose of the event is to provide practical guidance regarding how First Nations, Métis, and Inuit communities and their enterprise partners can work together, in common purpose, for shared success. The sponsorship opportunity presented by event organizers is for Invest Vancouver to host a networking function during a break in the event program.

During this break, Invest Vancouver would offer engagement activities (e.g., for attendees to co-create a wall of ideas and opportunities specific to economic reconciliation) and could provide the opportunity for attendees to connect with leaders from across the Metro Vancouver region. The value of the sponsorship opportunity is \$10,000, within the approved Invest Vancouver annual budget for partnerships and events.

The Board approved Invest Vancouver's proposal to sponsor the 2022 Indigenous Partnership Success Showcase as presented.

## **E10.2 Asset Management and Long Term Financial Planning**

**APPROVED**

At the March 25, 2022 GVS&DD Board meeting, the Board referred a motion to staff related to asset management and long range plans. Metro Vancouver has long-standing asset management practices, and is currently in a new cycle of asset management continuous improvement that will include the addition of a long term financial plan that will provide the Board with enhanced context for decision making. Staff are rolling out updated state of the asset reports, updating long-range management plans, and developing a long-term financial plan. The long-term financial plan will consider what financial resources are required to keep assets in a state of good repair, meet Board policy objectives, meet regulatory requirements, meet increased demand for services as a result of population growth, and adapt to resiliency requirements.

The Board directed staff to provide context for decision making by completing long-range plans for major capital projects including an asset inventory, asset condition assessment, and a proposed timeline of maintenance, repair, replacement, and funding requirements for these major projects and report back to the Board with this plan.

## **G1.1 MVRD Regional Growth Strategy Bylaw No. 1339, 2022, a bylaw to adopt Metro 2050 – Public Hearing Minutes and Bylaw Referral for Acceptance**

**RECEIVED  
APPROVED**

After three years of research, policy analysis, and engagement, the updated regional growth strategy, *Metro 2050* (Bylaw No. 1339), was given first and second reading at the March 25, 2022 MVRD Board meeting and was referred to public hearing, which was held on April 20, 2022 which included two written

submissions and 10 speakers providing oral remarks. Pursuant to the *Local Government Act*, the next step in the process is to refer *Metro 2050* to affected local governments for consideration of acceptance, which must be completed within 60 days of receipt of notice.

The Board:

- Received the minutes of the April 20, 2022 public hearing
- Referred Bylaw No. 1339, 2022 to affected local governments for acceptance
- Referred said bylaw the Minister of Municipal Affairs
- Suspended the rules outlined in Part 13 of the *Procedure Bylaw*, relative to requests to appear as a delegation in relation to *Metro 2050*, until such time as the aforementioned bylaw is adopted, defeated or otherwise disposed

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

**RECEIVED**

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

### **George Massey Crossing Task Force – April 1, 2022**

Information Items:

#### **5.1 Highway 99 Tunnel Program Update**

Since the October 1, 2021 Task Force meeting, the Province has moved forward on the Highway 99 Tunnel Program. For the Fraser River Tunnel Project portion, the Province has awarded eight consulting contracts. For the corridor improvements portion, the Province recently announced the successful proponent for the Steveston Interchange Project with construction anticipated to start in the summer of 2022. The Province has also started construction on the three transit and cycling improvements that will alleviate traffic congestion and improve transit and cycling infrastructure along the Highway 99 corridor.

### **Mayors Committee – April 6, 2022**

Delegation Summaries:

#### **3.1 Roderick V. Louis**

Information Items:

#### **5.1 Clean Transportation: Findings and Actions to Strengthen the Sector in the Metro Vancouver Region**

This report presents an overview of the categories and competencies in the clean transportation sector, offers an analysis of the challenges faced by firms in the region, and recommends policies and actions to support and grow the sector. In the clean transportation sector as a whole, the most pressing challenges revolve around delays and uncertainty related to permitting and the general lack of available industrial land. These obstacles need to be urgently addressed as their persistence risks seeing growing, successful firms unwilling to invest further in the region or leaving entirely when they cannot find suitable space.

## **Electoral Area Committee – April 7, 2022**

Information Items:

### **5.1 Electoral Area A Geotechnical Study – Phase One Report**

Metro Vancouver is the building inspection authority for the areas of Electoral Area A outside of UBC and the University Endowment Lands (UEL). To address the need to have local-scale geohazard maps and to help provide a better understanding of potential risk, including from the effects of climate change, the 2021 Board-approved budget included funding for an Electoral Area A Geotechnical Study for these areas. The recently finalized phase one portion of the study is presented in this report. Phase one involved the creation of geohazard maps that show areas at risk of or previously impacted by landslides, riverine and coastal flooding, and snow avalanches. The maps provide a good baseline of information regarding impacts that have occurred to date, and through modelling that incorporates climate change, will enable Metro Vancouver to better predict areas of future risk. Phase two work will also focus on integrating the maps into the development approvals process for building permits, and will be considered as part of the 2023 Electoral Area Services financial plan discussions later this year.

## **Climate Action Committee – April 8, 2022**

Delegation Summaries:

### **3.1 Eoin Finn and Peter van der Velden, Friends of Tilbury**

### **3.2 Mathew Christensen, Ducks Unlimited Canada**

## **Regional Parks Committee – April 13, 2022**

Information Items:

### **5.2 Pacific Spirit Regional Park – Wreck Beach Safety and Access Improvements**

In recent years Metro Vancouver and its partner agencies have been responding to an increasing number of emergencies and public safety incidents at Wreck Beach as a result of remote location and increasing high use. With input from emergency response providers, strategies have been developed to improve public safety and access to Wreck Beach. This multi-pronged action plan uses an integrated approach that takes into consideration site design, education, enforcement, and partnerships.

## **Performance and Audit Committee – April 14, 2022**

Information Items:

### **5.1 2021 Metro Vancouver Final Audit Findings Report**

Under provincial legislation, an external audit must be undertaken annually for all Metro Vancouver Districts' and the Housing Corporation. The attached report, prepared by Metro Vancouver's external auditors, BDO Canada LLP Chartered Professional Accountants, summarizes the results of the annual audit for fiscal year 2021.

## **5.4 Capital Program Expenditure Update as at December 31, 2021**

Updates on the capital program and its expenditures are brought to the Committee to keep members informed on Metro Vancouver's financial performance. This is the third and final report for the 2021 fiscal year. This report provides a summary of the 2021 actual capital spending compared to the Board approved Capital Cash Flow Budget, as well as additional information and narrative by department regarding spending variances.

For 2021, Metro Vancouver's capital cash flow expenditures were approximately 47% of budgeted and were underspent by \$819.6 million. The underspend, primarily timing differences, is due to a variety of factors, including: delays in initiating construction; additional planning, design, and permitting requirements; delays in awarding contracts; delays in property negotiations; and ongoing issues related to COVID-19 pandemic.

## **5.5 Investment Position and Returns – September 1, 2021 to February 28, 2022**

Metro Vancouver's investment portfolio has met expectations this period, with 2021 annualized returns for Short-Term at 0.99%, Long-Term at 2.19% and Cultural Reserve Fund at 2.24%. Total investment income in 2021 was \$9.8 million on an average portfolio balance of \$1,097 million. Results and balance information have been included to the end of February 2022.

Interest rates are expected to rise as the Bank of Canada manages inflation. As a result, Metro Vancouver's investment return will increase as higher rates will be earned on investments and cash held in high interest savings accounts.

## **5.6 Tender/Contract Award Information – December 2021 to February 2022**

During the period between December 1, 2021 and February 28, 2022, the Procurement Division issued 23 new contracts, each with a value in excess of \$500,000 (exclusive of taxes). In addition, there were eight existing contracts requiring contract amendments which necessitate further reporting to the Performance and Audit Committee. The eight amendments experienced additional scope resulting from either internal scope changes, unforeseen project extensions, unforeseen site conditions, or third party regulatory requirements. All awards and amendments were issued in accordance with applicable bylaws and policies.

## **Invest Vancouver – April 20, 2022**

Information Items:

### **5.4 Investment Attraction and Lead Generation Report**

Invest Vancouver has made good progress to identifying qualified investment lead opportunities within the region since its launch last year. In support of this activity, Invest Vancouver, together with the Invest Vancouver Advisory Committee, has also implemented a set of *Strategic Investment Guiding Principles*. These principles serve as universally acknowledged compact "playbook" of engagement between Invest Vancouver, its integrated functions, and member jurisdiction partners. The progress to date is the result of collaboration with other investment attraction and promotion partner organizations, awareness building of Invest Vancouver as a regional economic development leadership service, and partner referrals. Feeding a growing deal pipeline is a key part of delivering a transparent and equitable service for member jurisdictions and supporting a level playing field across the region through comprehensive, end-to-end pursuit of strategic investment leads.

Going forward, the integrated work undertaken by Invest Vancouver’s three functional areas—Data Research & Policy, Collaboration, and Strategic Investment—guided by the 2022 Annual Plan’s goals and objectives, will position Invest Vancouver to further undertake proactive lead generation activities on behalf of the region and build new capacity to serve qualified inbound opportunities.

## **Finance Committee – April 21, 2022**

Delegation Summaries:

### **3.1 Sarah Ross, Vice President, Transportation Planning & Policy, and Olga Kuznetsova, Vice President, Financial Services, TransLink**

## **Greater Vancouver Water District**

### **E1.1 Regional Public Works Mutual Aid Agreement**

**APPROVED**

A major emergency or other serious incident affecting one or more local or regional authorities is more and more likely to affect the Metro Vancouver region given the impacts of climate change and the ever present seismic risk. The current GVRD Public Works Mutual Aid Agreement dated February 8, 2000 requires modernizing as several jurisdictions, such as Anmore, Belcarra, Bowen Island, Tsawwassen First Nation, Lions Bay, UBC/UEL, MVRD, GVS&DD, and GVWD are not party to the agreement, and would like to be included. The new Regional Public Works Mutual Aid Agreement improves on the agreement from 2000 and is intended to set the terms and conditions for sharing resources, during a coordinated and supportive response.

The new agreement has undergone extensive consultation through a number of municipal advisory committees, most notably, the Regional Administrators Advisory Committee, who unanimously endorsed the final version of the agreement. Over the next six months, boards and councils around the region will be given the opportunity to sign the agreement. Once completed, the February 8, 2000 agreement will be repealed.

The Board authorized the Board Chair and Chief Administrative Officer to sign the new Regional Public Works Mutual Aid Agreement.

### **E1.2 GVWD 2021 Water Quality Annual Report**

**RECEIVED**

The GVWD 2021 Water Quality Annual Report is required both by the BC Drinking Water Protection Regulation and the Drinking Water Management Plan. The annual report summarizes water quality analysis conducted on samples collected from the GVWD source reservoirs, in-system reservoirs, and transmission system.

The annual report outlines how Metro Vancouver’s water quality monitoring program continues to fulfill its role in confirming that the multiple protection barriers for drinking water, including watershed protection, water treatment and the ongoing operation of the water system, continue to ensure excellent water quality for the region. In 2021, the water quality of the treated water was excellent.

All water quality parameters analyzed met or exceeded water quality standards and the Guidelines for Canadian Drinking Water Quality.

The Board received the report for information.

### **E1.3 Environmental Policy for the Greater Vancouver Water District**

**APPROVED**

The GVWD is developing an Environmental Management System based on ISO 14001:2015, an international standard that specifies requirements for environmental management systems. A key aspect to success is the development and adoption of an environmental policy. This report presented a proposed Environmental Policy and environmental performance goals for Board consideration.

The GVWD has also been working in conjunction with GVS&DD to develop EMS components beneficial to both utilities. The GVS&DD will also be bringing forward a similar environmental policy for Liquid Waste Services at a subsequent meeting.

The Board approved the Environmental Policy for the Greater Vancouver Water District and environmental performance goals, as presented.

### **E1.4 Engagement Plan and Proposed Rates for Water DCC Program Implementation**

**APPROVED**

For the last several years, Metro Vancouver staff have worked with the Province under the understanding that the GVWD Act did not allow Metro Vancouver to have Development Cost Charges (DCCs) as a funding mechanism for its water function. As staff have worked to move forward the legislative changes, an evolved interpretation by the Province on our legislative environment was proposed to allow GVWD to collect DCCs under the Local Government Act. This approach will allow us to move forward sooner than having to wait for a legislative change, thus meeting the direction set out in the current Board Strategic Plan.

With growth projects comprising 54% of the long-term water capital program, getting a growth driven revenue stream in place as soon as possible is critical. Work to date has included initial engagement, industry capacity analysis, and rate modelling resulting in a set of draft DCC rates in principle for consultation. Initial rates were brought forward to the Committee in July of 2021, and were not endorsed to move forward for consultation alongside the liquid waste DCC rate update, which is now completed.

Following Board endorsement of the rates in principle and approval of the engagement plan in this report, there will be further engagement with relevant levels of government, First Nations, stakeholders, and the public, before finalizing the proposal and seeking Board and Provincial approval.

The Board directed staff to proceed with engagement on the proposed implementation of a water DCC program as presented and directed staff to proceed with engagement on the proposed implementation of the water DCC program with rates determined using a 50% assist factor.

## **E1.5 2022 Lawn Watering Communications and We Love Water Campaign Update**

**RECEIVED**

Metro Vancouver delivers an annual region-wide water conservation campaign with a reach in 2021 of over 36 million impressions. Starting April 14, Metro Vancouver will communicate the updated Drinking Water Conservation Plan, focusing on the change of lawn watering to only water one day per week for residential and commercial properties. The change comes into effect May 1. Promotional materials (including social media, a media release, and co-branded materials) will be distributed to member jurisdictions for public education and enforcement throughout the summer season. The annual We Love Water campaign will continue to emphasize the importance of our future water supply and impacts of population growth, and will share outdoor water conservation information. A targeted media buy will include television, radio, outdoor, and digital promotions all leading to the We Love Water campaign website. The Water Wagon program will proceed in 2022 using only the larger water wagon for an anticipated 55 event days, including 14 days at the PNE.

The Board received the report for information.

## **E2.1 Audited 2021 Financial Statements**

**APPROVED**

Although we have encountered unprecedented global conditions, the 2021 Audited Financial Statements illustrate that Metro Vancouver entered this period in a strong financial position with excellent liquidity and solid reserves.

The financial statements have been prepared in accordance with Canadian Public Sector Accounting Standards and have received an unqualified audit opinion by the external auditors, BDO Canada LLP Chartered Professional Accountants.

The Board approved the Audited 2021 Consolidated Financial Statements for the Greater Vancouver Water District as presented.

## **E3.1 Asset Management and Long Term Financial Planning**

**RECEIVED  
APPROVED**

At the March 25, 2022 GVS&DD Board meeting, the Board referred a motion to staff related to asset management and long range plans. Metro Vancouver has long-standing asset management practices, and is currently in a new cycle of asset management continuous improvement that will include the addition of a long term financial plan that will provide the Board with enhanced context for decision making. Staff are rolling out updated state of the asset reports, updating long-range management plans, and developing a long-term financial plan. The long-term financial plan will consider what financial resources are required to keep assets in a state of good repair, meet Board policy objectives, meet regulatory requirements, meet increased demand for services as a result of population growth, and adapt to resiliency requirements.

The Board directed staff to provide context for decision making by completing long-range plans for major capital projects including an asset inventory, asset condition assessment, and a proposed timeline of maintenance, repair, replacement, and funding requirements for these major projects and report back to the Board with this plan.

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

**RECEIVED**

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

### **Water Committee – April 6, 2022**

Information Items:

#### **5.3 GVWD Water Supply System 2021 Annual Update**

The Greater Vancouver Water District - Water Supply System 2021 Annual Update report summarizes key initiatives undertaken by Metro Vancouver in 2021, including water conservation, risk management, capital projects to accommodate regional growth, and responding to emergencies affecting the drinking water system. The 2021 update is the first edition of this annual report, which will be issued annually hereafter.

This report was prepared following guidance from the Ministry of Health found in their draft Guidance for Water User Communication, which was shared with the GVWD in October of 2021 for review and comment. The report meets the communication requirements stipulated in the *Drinking Water Protection Act and Regulation*.

#### **5.6 GVWD Capital Program Expenditure Update to December 31, 2021**

The capital expenditure reporting process as approved by the Board provides for regular status reports on capital expenditures three times per year. This is the year-end report for 2021 which 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 2021 fiscal year in comparison to the annual budget.

In 2021 the annual capital expenditures for GVWD were \$214.9 million to date compared to an annual capital budget of \$431.3 million. This shortfall is primarily due to project delays related to the timing of tenders, construction delays and issues relating to COVID-19. Forecasted expenditures for the current water utility capital program remain within the approved budgets through to completion.

#### **5.7 2021 Contribution Agreement Annual Reports - Seymour Salmonid Society and Coquitlam River Watershed Roundtable**

The Seymour Salmonid Society (SSS) operates the Seymour River Hatchery on GVWD land and conducts comprehensive area stewardship activities. The GVWD and SSS have been partners since 1989. The GVWD has a current three-year (2021 – 2023) Contribution Agreement with the SSS for \$125,000 annually. The SSS released over 500,000 juvenile salmonids into local waterways in 2021.

The Coquitlam River Watershed Roundtable (CRWR) has a mission “To preserve and enhance the health of the Coquitlam River Watershed through collaboration, education and advisory action.” The GVWD has a three-year (2020 – 2022) Contribution Agreement to the CRWR for \$34,000 annually.

The CRWR took action on stormwater management engagement in 2021 and constructed a demonstration rain garden in Port Coquitlam.

The SSS and CRWR have met the requirements of the respective GVWD Contribution Agreements in 2021.

## **5.8 Drinking Water Conservation Program Update**

The summer of 2021 was exceptionally warm and dry, with higher than usual drinking water consumption experienced throughout the Region. In response to those conditions, and the ongoing efforts to address household affordability, several new initiatives were developed for the summer 2022 season. The most significant of those changes was an update to the Drinking Water Conservation Plan which reduces the allowable watering days for lawns (both residential and commercial) from two days per week to one day per week. According to the Comprehensive Regional Water Supply Study a per capita consumption of drinking water of less than 202 litres per capita per day (LPCD) would need to be achieved by 2036 to avoid a supply shortage of between 5-55 billion litres. Currently the Region uses about 231 LPCD, so a reduction of an additional 10-15% is still required to meet the 2036 predicted values. This report details those changes and other upcoming improvements to the water conservation program currently in development for the summer of 2023.

## **5.10 Water Supply Update for Summer 2022**

This report provides a summary of the current state of source water supply, past trends in water use, and an update on the current plans for operating the source reservoirs and water system during the summer and fall of 2022.

The existing snowpack, precipitation in the form of rainfall, and expected full source lake storage will be sufficient to ensure an adequate water supply for the 2022 summer season. The peak day and average summer day water usage saw an increase in 2021, primarily because of the record-breaking heat dome of 2021. Winter water use continues to decrease while average day water use is starting to stabilize, indicating the importance of conservation initiatives and continued support to these initiatives from our member jurisdictions. System improvements have increased the capacity of the transmission system to meet peak summer demands.

## **5.11 GVWD Flow Meter Upgrade Program – Progress Report**

Metro Vancouver owns and operates over 200 large diameter flow meters, located either at boundaries of GVWD member jurisdictions or at some individual connections, to measure the amount of drinking water utilized by each member in the region. The region annually consumes around 390 billion liters of water per year, which translates to around \$320 million in revenue. Metro Vancouver continues to improve the collection and processing of data by the continued improvements made through the Water Meter Upgrade Program, which allows for improved data collection, processing, and quality control, resulting in improved billing accuracy for our members. Accurate water consumption data also allows the region to focus on targeted water conservation initiatives.

## 5.12 Project Delivery Capital Portfolio Update

This report provided an update on the portfolio of major Water capital projects being delivered by the Project Delivery Department. This update contains project specific information and a portfolio dashboard that provides information on the various programs and projects being delivered by the Department. The next updates will be in July and October 2022.

## Greater Vancouver Sewage and Drainage District

### **E1.1 Award of Contract Resulting from Request for Proposal No. 21-517: Operation and Maintenance of the Central Surrey Recycling and Waste Centre** **APPROVED**

Construction of Central Surrey Recycling and Waste Centre is nearing completion. Central Surrey Recycling and Waste Centre will increase recycling options and reduce facility users' travel distance by approximately 2,000,000 km/year. Greenhouse gas emissions will be reduced by approximately 500 tonnes per year as a result of the reduced travel distances. The new facility is anticipated to open in June 2022.

The Board approved award of a contract in the amount of up to \$38,700,000 (exclusive of taxes) to Halton Recycling Ltd. (doing business as Emterra Environmental), resulting from Request for Proposal No. 21-517, subject to final review by the Commissioner.

### **E1.2 Amendment to Existing Sea to Sky Composting Inc. Contract to Process Yard Trimmings Received at the Central Surrey Recycling and Waste Centre** **APPROVED**

The new Central Surrey Recycling and Waste Centre is anticipated to open in June 2022.

The Board approved an amendment to Contract 21-215 Organics Management awarded to Sea to Sky Composting Inc. in the amount of \$828,000 (exclusive of taxes) for a total contract value of \$5,042,520 to process yard trimmings received at the Central Surrey Recycling and Waste Centre, effective from facility opening to the existing contract expiry on December 31, 2025, pending final review by the Commissioner.

### **E1.3 Appointment of Solid Waste Manager, Deputy Solid Waste Manager, and Enforcement Officers** **APPROVED**

Recent changes in staff have resulted in a need to update staff appointments as Board-designated solid waste manager and officers under the *GVS&DD Municipal Solid Waste and Recyclable Material Regulatory Bylaw No. 181, 1996*, the *Environmental Management Act* and the *Offence Act*.

The Board, pursuant to the aforementioned bylaw and act:

- Rescinded the appointments of Ray Robb as the solid waste manager, and of Kathy Preston as the deputy solid waste manager
- Appointed Metro Vancouver employee Kathy Preston as the solid waste manager, and Metro Vancouver employee Michelle Jones as the deputy solid waste manager
- Rescinded the appointments of Toby Gritten, Dan Saunders, and Rob Kemp as officers
- Appointed Metro Vancouver employee Muhammad Ali as an officer

Additionally, pursuant to Section 28 of the Offence Act for the purpose of serving summons for alleged violations under the bylaw, the Board:

- Rescinded the appointments of Toby Gritten, Dan Saunders, and Rob Kemp
- Appointed Metro Vancouver employee Muhammad Ali

#### **E1.4 Solid Waste Management Plan Update – Public/Technical Advisory Committee Applicant Evaluation Process**

**RECEIVED**

An updated solid waste management plan will guide our region’s policies and collective actions over the next decade and beyond. The Solid Waste Management Plan Public/Technical Advisory Committee will be critical to the success of the development of the updated solid waste management plan. Metro Vancouver received 95 applications to participate in the Public/Technical Advisory Committee over a seven-week application period.

The review of applications was completed based on personal characteristics and sectors/interests approved by the Board in November 2021. The Independent Consultation and Engagement Panel provided input on the evaluation process. Members of the Public/Technical Advisory Committee will be selected by the Zero Waste Committee and Board in closed meetings following a review of staff recommendations by the panel.

The Board received the report for information.

#### **E2.1 Appointment of Sewage Control Manager and Enforcement Officers**

**APPROVED**

Recent changes in staff have resulted in a need to update staff appointments as Board-designated solid waste manager and officers under Drainage District Sewer Use Bylaw, and the Environmental Management Act and the Offence Act.

The Board, pursuant to the aforementioned bylaw and act:

- Rescinded the appointments of former Metro Vancouver employee Ray Robb as a sewage control manager, and of Metro Vancouver employee Kathy Preston as a deputy sewage control manager
- Appoint Metro Vancouver employee Kathy Preston as a sewage control manager
- Rescind the appointments of former Metro Vancouver employees Toby Gritten, and Dan Saunders, and former City of Vancouver employee Ze Chen Liu as officers
- Appoint Metro Vancouver employee Muhammad Ali as an officer

Additionally, pursuant to Section 28 of the Offence Act for the purpose of serving summons for alleged violations under the Sewer Use Bylaw, the Board:

- Rescinded the appointments of former Metro Vancouver employees Toby Gritten, and Dan Saunders, and former City of Vancouver employee Ze Chen Liu
- Appointed Metro Vancouver employee Muhammad Ali

**E2.2 That the GVS&DD Board authorize the Board Chair and Chief Administrative Officer to sign the new Regional Public Works Mutual Aid Agreement** **APPROVED**

A major emergency or other serious incident affecting one or more local or regional authorities is more and more likely to affect the Metro Vancouver region given the impacts of climate change and the ever present seismic risk. The current GVRD Public Works Mutual Aid Agreement dated February 8, 2000 requires modernizing as several jurisdictions, such as Anmore, Belcarra, Bowen Island, Tsawwassen First Nation, Lions Bay, UBC/UEL, MVRD, GVS&DD, and GVWD are not party to the agreement, and would like to be included. The new Regional Public Works Mutual Aid Agreement improves on the agreement from 2000 and is intended to set the terms and conditions for sharing resources, during a coordinated and supportive response.

The new agreement has undergone extensive consultation through a number of municipal advisory committees, most notably, the Regional Administrators Advisory Committee, who unanimously endorsed the final version of the agreement. Over the next six months, boards and councils around the region will be given the opportunity to sign the agreement. Once completed, the February 8, 2000 agreement will be repealed.

The Board authorize the Board Chair and Chief Administrative Officer to sign the new Regional Public Works Mutual Aid Agreement.

**E2.3 North Shore Wastewater Treatment Plant Project Update**

**RECEIVED**

Metro Vancouver has terminated its contract with Acciona Wastewater Solutions LP (Project Co) and is moving forward with a new project delivery model to complete the North Shore Wastewater Treatment Plant Project. Under the new model, Metro Vancouver is working with the general contractor PCL Constructors Westcoast Inc to finalize construction and the design consultant AECOM to complete the design, to be the Engineer of Record, and to provide quality assurance services.

AECOM is proceeding with detailed design, and preparing “Issued for Construction” drawings which will be used in “Early Works Packages” for construction by PCL. PCL has signed the Pre-Construction Services Agreement and has taken responsibility for safety and security of the Project Site as of April 1, 2022 when it was transferred from Project Co. PCL is mobilizing resources for the construction management services contract and is commencing work toward developing a detailed Execution Plan, project schedule, and detailed cost estimate. Project Co’s transition from the project is in progress, scheduled to be complete in late April 2022.

The Board received the report for information.

## **E2.4 Iona Island Wastewater Treatment Plant – Cost Sharing of Ferguson Road Upgrades** **APPROVED**

Ferguson Road is the only vehicle access point to Iona Island and the Iona Island Wastewater Treatment Plant (IIWWTP). The road cannot accommodate expected IIWWTP construction traffic volumes due to poor pavement conditions and does not have separation of cyclists and pedestrians from vehicular traffic. It also does not meet servicing requirements for the construction of the upgraded plant. A realigned and upgraded western section of Ferguson Road is required to address the existing road condition, separation between different road users, and servicing issues. These upgrades are part of critical works needed prior to commencement of ground improvement work for the new IIWWTP. These upgrades are in alignment with Metro Vancouver’s Regional Recreation Greenway Network as outlined in the Regional Growth Strategy, City of Richmond’s 2041 Official Community Plan mobility and access objectives, and TransLink’s Regional Transportation Strategy goals. The Ferguson Road upgrades will be delivered through Vancouver Airport Authority with Metro Vancouver responsible for 50% of the capital costs and 50% of the maintenance costs until commissioning of the new IIWWTP.

The Board authorized the Commissioner to execute a Road Corridor Construction and Cost Sharing Agreement with Vancouver Airport Authority for upgrades to and realignment of Ferguson Road, as presented.

## **E2.5 Liquid Waste Management Plan Review and Update – Report on Phase 1** **APPROVED**

Metro Vancouver began engagement activities for the *Integrated Liquid Waste and Resource Management Plan* review and update in July 2021. The first phase of engagement included reviewing the existing plan and seeking input on a vision and guiding principles for the next plan. Staff engaged Metro Vancouver’s technical advisory committees, the public, stakeholders, and Indigenous Nations and peoples. Some key themes that emerged during engagement interest in: improving local ecosystem health for recreational, agricultural, and Indigenous uses; being resilient to climate change; ensuring everyone has access to clean waterways, including future generations; and keeping rates affordable and fair. An engagement strategy has been developed to support the next phase of engagement, which includes developing goals, strategies, and actions for the updated plan.

The Board authorized staff to proceed with the next phase of the engagement process to update the Liquid Waste Management Plan, as presented.

## **E2.6 Award of Contract Resulting from RFP No. 21-283: Program Management Consulting Services for the Iona Island Wastewater Treatment Plant Projects** **RECEIVED APPROVED**

The Iona Island Wastewater Treatment Plant (IIWWTP) Program is the largest capital project ever undertaken by Metro Vancouver and will be managed by a team of consultants and Metro Vancouver staff from the Project Delivery department. Metro Vancouver will be retaining the services of a Program Management Consultant that has the experience and depth of resources to successfully deliver a program of the scale and complexity of the IIWWTP Program.

The Board approved the award of contract resulting from Request for Proposal No. 21-283: Program Management Consulting Services to Stantec Consulting Ltd., in an amount of up to \$99,500,000 (exclusive of taxes) over five years, subject to final review by the Commissioner.

### **E3.1 Audited 2021 Financial Statements**

**APPROVED**

The Board approved the Audited 2021 Financial Statements for the Greater Vancouver Sewerage and Drainage District.

Although we have encountered unprecedented global conditions, the 2021 Audited Financial Statements illustrate that Metro Vancouver entered this period in a strong financial position with excellent liquidity and solid reserves.

The financial statements have been prepared in accordance with Canadian Public Sector Accounting Standards and have received an unqualified audit opinion by the external auditors, BDO Canada LLP Chartered Professional Accountants.

### **E4.1 Asset Management and Long Term Financial Planning**

**RECEIVED  
APPROVED**

At the March 25, 2022 GVS&DD Board meeting, the Board referred a motion to staff related to asset management and long range plans. Metro Vancouver has long-standing asset management practices, and is currently in a new cycle of asset management continuous improvement that will include the addition of a long term financial plan that will provide the Board with enhanced context for decision making. Staff are rolling out updated state of the asset reports, updating long-range management plans, and developing a long-term financial plan. The long-term financial plan will consider what financial resources are required to keep assets in a state of good repair, meet Board policy objectives, meet regulatory requirements, meet increased demand for services as a result of population growth, and adapt to resiliency requirements.

The Board directed staff to provide context for decision making by completing long-range plans for major capital projects including an asset inventory, asset condition assessment, and a proposed timeline of maintenance, repair, replacement, and funding requirements for these major projects and report back to the Board with this plan.

### **G1.1 GVS&DD Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 354, 2022**

**APPROVED**

The GVS&DD Tipping Fee Bylaw sets rates and requirements at Metro Vancouver solid waste facilities. This report proposes updates to the Tipping Fee Bylaw to remove reference to the now closed Coquitlam Recycling and Waste Centre, align peak hours rates at Central Surrey Recycling and Waste Centre with Langley and Maple Ridge recycling and waste centres, and establish a rate of \$130 per tonne for residuals from construction and demolition waste processing at Metro Vancouver solid waste facilities. Changes will be effective June 1, 2022.

The Board approved the following amendments to the Tipping Fee Bylaw effective June 1, 2022:

- Remove references to the Coquitlam Recycling and Waste Centre
- Set the minimum fee for Central Surrey Recycling and Waste Centre at \$15 per load including transaction fee
- Established a rate of \$130 per tonne for residuals from construction and demolition waste processing facilities

The Board gave first, second, and third readings to the revised Tipping Fee Bylaw, then passed and finally adopted it.

## **E2.1 Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amending Bylaw No. 351, 2022 – Vancouver Sewerage Area and Fraser Sewerage Area Map Administrative Correction** **APPROVED**

Properties receiving sewerage services within the GVS&DD must be located in one of four regional sewerage areas. Staff recently identified 179 properties along the Vancouver Sewerage Area (VSA) and Fraser Sewerage Area (FSA) border that were shown in the incorrect sewerage area on the GVS&DD sewerage area maps. Some properties shown on the VSA map were contributing sewage to the FSA whereas some properties shown on the FSA map were contributing sewage to the VSA.

Working with staff from the Cities of Burnaby and Vancouver, GVS&DD staff have proposed an amendment to the *GVS&DD Sewerage and Drainage Areas Boundaries Amending Bylaw* to correct the sewerage area maps and show these properties in the appropriate sewerage area. There will not be any change to the annual sewer charges for the property owners.

The Board gave first, second, and third readings to the amending bylaw then passed and finally adopted said bylaw.

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

The Board received information items from standing committees.

### **Zero Waste Committee – April 8, 2022**

Information Items:

### **5.4 Solid Waste Services Capital Program Expenditure Update as of December 31, 2021**

The capital expenditure reporting process, as approved by the Board, provides for regular status reports on capital expenditures three times per year. This is the third report for 2021, and includes the overall capital program for Solid Waste Services with a multi-year view of capital projects and the actual capital spending compared to the 2021 capital budget. In 2021, the capital expenditures for Solid Waste Services were \$46.2 million compared to a capital budget of \$96.3 million. The underspend is primarily due to longer than expected pre-construction phases for Waste-to-Energy Facility projects, and the property purchase timing for the North Surrey Recycling and Waste Centre recycling depot development.

Projects underway are expected to be completed within approved budgets and remaining funds not spent in 2021 have been re-budgeted in 2022.

### **5.7 2021 Holiday Waste "Create Memories, Not Garbage" Campaign Results**

The "Create Memories, Not Garbage" campaign once again considered how COVID-19 was influencing buying behaviour during the winter holidays, and offered inspirational low-waste experiential and gift ideas, wrap alternatives, and tips for disposing online shipping packaging. A region-wide, three-phased media promotion delivered relevant messages for each buying and disposing stage of the holiday season.

The campaign achieved over 18 million impressions between digital and traditional media tactics. Online engagement was strong, with a 42% increase in website visits and above-average click-thru and video view rates. The 2021 recall and awareness survey revealed that at least 1/3 of residents were influenced by the campaign and 1/3 shared its message. The 2022 campaign strategy will mirror 2021's, but with the highest-performing tactics applied to each campaign phase.

### **Liquid Waste Committee – April 13, 2022**

Information Items:

### **5.3 Liquid Waste Services Capital Program Expenditure Update as at December 31, 2021**

The capital expenditure reporting process as approved by the Board provides for regular status reports on capital expenditures three times per year. This is the third report for 2021 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 2021 fiscal year to December 31, 2021 in comparison to the annual budget. As of December 31, the 2021 capital expenditures for Liquid Waste Services are \$420.9 million, compared to an annual capital budget of \$934.5 million. This shortfall is primarily due to some delays in initiating construction as well as issues on the North Shore Secondary Wastewater Treatment Plant. Forecasted expenditures for the current Liquid Waste Services capital program generally remain within the approved budgets through to completion.

### **5.4 Project Delivery Capital Portfolio Update**

Metro Vancouver is providing an update on the Liquid Waste portfolio of major capital projects being delivered by the Project Delivery Department. This update contains project specific information and a portfolio dashboard that provides information on the various programs and projects being delivered by the Department. The next updates will be in July and October 2022.

## **Metro Vancouver Housing Corporation**

### **E1.1 Audited 2021 Financial Statements**

**APPROVED**

Although we have encountered unprecedented global conditions, the 2021 Audited Financial Statements illustrate that Metro Vancouver entered this period in a strong financial position with excellent liquidity and solid reserves.

The financial statements have been prepared in accordance with Canadian Public Sector Accounting Standards and have received an unqualified audit opinion by the external auditors, BDO Canada LLP Chartered Professional Accountants. The statements presented are currently draft and will be finalized upon approval by the Board on April 29, 2022.

The Board approved the Audited 2021 Financial Statements for the Metro Vancouver Housing Corporation.

## **E2.1 Asset Management and Long Term Financial Planning**

**RECEIVED  
APPROVED**

At the March 25, 2022 GVS&DD Board meeting, the Board referred a motion to staff related to asset management and long range plans. Metro Vancouver has long-standing asset management practices, and is currently in a new cycle of asset management continuous improvement that will include the addition of a long term financial plan that will provide the Board with enhanced context for decision making. Staff are rolling out updated state of the asset reports, updating long-range management plans, and developing a long-term financial plan. The long-term financial plan will consider what financial resources are required to keep assets in a state of good repair, meet Board policy objectives, meet regulatory requirements, meet increased demand for services as a result of population growth, and adapt to resiliency requirements.

The Board directed staff to provide context for decision making by completing long-range plans for major capital projects including an asset inventory, asset condition assessment, and a proposed timeline of maintenance, repair, replacement, and funding requirements for these major projects and report back to the Board with this plan.