

For Metro Vancouver meetings on Friday, November 29, 2019

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

Greg.Valou@metrovancouver.org or Kelly.Sinowski@metrovancouver.org

Metro Vancouver Regional District

Election of the Board Chair and Vice Chair

Burnaby Councillor Sav Dhaliwal and City of North Vancouver Mayor Linda Buchanan were acclaimed as Chair and Vice Chair, respectively, of the Metro Vancouver Board of Directors.

E 1.1 Regional Affordable Housing Strategy – Progress Report

RECEIVED

The Board received a report about the progress to date on the Regional Affordable Housing Strategy (RAHS) and proposed next steps to support continued implementation and evaluation of the Strategy.

In addition to reviewing progress to date, the report examines the structure and effectiveness of RAHS as a regional planning document, and recommends next steps to support continued implementation of the plan's goals and strategies and its evolution.

E 2.1 Metro Vancouver 2040: Shaping our Future - 2018 Annual Performance Monitoring Report

RECEIVED

The Board received the 2018 annual report on the region's performance toward the goals of Metro Vancouver 2040, based on the key summary and context measures in Section G from plan adoption in 2011 to 2018, and the policy and land use designation amendments to date.

The Local Government Act and Metro 2040 require an annual report on the regional growth strategy's progress. The 2018 Annual Performance Monitoring Report provides a summary update on the performance measures with relevant annual change and available data. A complete profile of Metro 2040 performance measures with a detailed data breakdown is available in the Metro 2040 Performance Monitoring Dashboard on the Metro Vancouver website.

E 2.2 2019 Survey of Licensed Child Care Spaces and Policies in Metro Vancouver

RECEIVED

Metro Vancouver received a report titled "2019 Survey of Licensed Child Care Spaces and Policies in Metro Vancouver" and directed that staff forward it to member jurisdictions for information.

The first survey of child care spaces and policies in the region was prepared by Metro Vancouver in 2011, with an update released in 2015. The 2019 Survey, updated with additional information, found a small increase in child care spaces from 18.5 spaces per 100 children under 12 in 2015 to 18.6 in 2019.

The 2019 Survey also found that local governments take a range of approaches to facilitate child care provision and operation. This information is intended to support member jurisdictions and local governments in planning for complete communities, thereby supporting implementation of Goal 4 of Metro 2040.

E 3.1 Widgeon Marsh Regional Park – Engagement Results and Management Plan **APPROVED**

The Board approved the Widgeon Marsh Regional Park Management Plan as presented.

The Plan sets the direction for key areas of the park reserve to be opened to the public, while protecting sensitive ecosystems and wildlife habitat. It also identifies locations for trails and amenities, natural area protection, and helps to set priorities for park operations, education, stewardship and management activities to guide the development of the park.

Engineering studies, detailed design and site preparation are budgeted at \$1.4 million and will occur in 2020. Implementation of the Phase 1 park development is estimated at \$7.5 million and scheduled to occur in 2021, 2022 and 2023. Phase 1 development includes base park facilities, such as trails, parking areas, viewpoints, parking, signage, habitat enhancements and a non-motorized boat launch.

E 4.1 Alignment of Federal, Provincial, and Local Government Greenhouse Gas Targets **APPROVED**

The Board resolved to write a letter to the provincial Minister of Environment and Climate Change Strategy to request revision of the greenhouse gas reduction targets for 2050 and interim years in the Climate Change Accountability Act. The request is to align with the most current science as summarized by the Intergovernmental Panel on Climate Change and the targets of Metro Vancouver and other orders of government. The Board also resolved to write a letter to the federal Minister of Environment and Climate Change to request formalization of Canada’s commitment to net zero greenhouse gas emissions by 2050.

E 4.2 Proposed Revisions to Metro Vancouver’s Ambient Air Quality Objectives **APPROVED**

Metro Vancouver is updating its ambient air quality objectives for nitrogen dioxide, ground-level ozone and carbon monoxide to reflect changes to federal and provincial objectives. Metro Vancouver received feedback from stakeholders and other levels of government on initial proposed revisions between June and July 2019.

New federal objectives, known as Canadian Ambient Air Quality Standards (CAAQS), are coming into effect in 2020 for nitrogen dioxide (NO₂) and ground-level ozone. In addition, the provincial government now has a more stringent objective for carbon monoxide (CO). As a result, Metro Vancouver’s objectives for these air contaminants need to be revised.

The Board endorsed revisions to Metro Vancouver’s ambient air quality objectives for nitrogen dioxide, ground-level ozone and carbon monoxide, as outlined in the report.

E 4.3 Electric River Bus Service for Fraser River Communities

APPROVED

The Board directed staff to forward a letter to TransLink, with a copy sent to TransLink’s 30-Year Regional Transportation Strategy Committee, conveying the idea of introducing an electric river bus service for Fraser River communities for consideration and evaluation as part of the development of Transport 2050, as described in the report.

E 5.1 Regional Industrial Lands Strategy – Draft

**RECEIVED
APPROVED**

The Board received the report for information and directed staff to conduct a final round of consultation and report back with a finalized Regional Industrial Lands Strategy for endorsement. It also directed staff to include in the finalized Regional Industrial Lands Strategy a statement to the effect that solutions to address the shortage of industrial lands in the region do not include the possibility of encroachment onto agricultural lands.

G 1.1 MVRD Regional Parks Regulation Amending Bylaw No. 1293, 2019 - Amends Bylaw 1177, 2012

APPROVED

The Board gave first, second and third readings to Metro Vancouver Regional District Regional Parks Regulation Amending Bylaw No. 1293, 2019; and passed and finally adopted said bylaw.

The Regional Parks Regulation Bylaw provides the authority for staff to manage the use of regional parks by the public. The fee schedule is adjusted annually based on Regional Parks’ approach to remain in the mid-range market of comparable fees, and avoid large, less frequent adjustments. Fees and charges help recover costs, and partially offset increases in operating and maintenance costs.

The regulatory changes will take effect immediately. Increases to fees and charges will be implemented on January 1, 2020.

G 1.2 MVRD Notice of Bylaw Violation Enforcement and Dispute Adjudication Amending Bylaw 1292, 2019 - Amends 1117, 2010

APPROVED

The Board gave first, second and third readings to Metro Vancouver Regional District Notice of Bylaw Violation Enforcement and Dispute Adjudication Amending Bylaw No. 1292, 2019; and passed and finally adopted the bylaw.

Metro Vancouver requires the ability to manage and enforce acceptable public use on regional park land to enhance public safety and enjoyment. Bylaw No. 1117 sets Notice of Bylaw Violation penalty amounts for a number of MVRD regulatory bylaws.

These bylaw amendments address emergent Regional Parks compliance issues and will keep the bylaw current and will provide greater clarity and ease for officers carrying out enforcement duties.

G 1.3 MVRD Ticket Information Utilization Amending Bylaw 1294, 2019 - Amends 1050, 2006 **APPROVED**

The Board gave first, second and third readings to Metro Vancouver Regional District Ticket Information Utilization Amending Bylaw No. 1294, 2019; then passed and finally adopted the aforementioned bylaw.

Metro Vancouver requires the ability to manage and enforce acceptable public use on regional park land to enhance public safety and enjoyment. Bylaw No. 1050 sets Ticket Information Utilization penalty amounts for the Metro Vancouver Regional District Regional Parks Regulation Bylaw No. 1177, 2012 that have violations designated in Schedule B.

These bylaw amendments address emergent Regional Parks compliance issues and will keep the bylaw current to improve public safety, further protect park natural resource and assets, and better define acceptable public conduct and park officer enforcement powers.

G 2.1 MVRD Automotive Refinishing Emission Regulation Amendment Bylaw No. 1296, 2019 **APPROVED**

Metro Vancouver has a bylaw that regulates emissions of volatile organic compound (VOC) and particulate matter emissions from automotive refinishing activities. The bylaw was originally established as one of the prioritized initiatives in an overall program to improve air quality and ground level ozone in the region.

At its October 27, 2017 meeting, the MVRD Board directed staff to consult on proposed changes to the bylaw to expand its regulatory scope to include automotive refinishing activities other than spray coating as well as businesses that perform mobile automotive refinishing services, and to require improvement of spray booth exhaust filtration, update formulation standards for automotive refinishing products, and update training and administration requirements.

The Board gave first, second and third readings to Metro Vancouver Regional District Automotive Refinishing Emission Regulation Amendment Bylaw No. 1296, 2019 then passed and finally adopted the bylaw.

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

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

Regional Planning Committee – November 8, 2019

Information Items:

5.1 Social Equity in Regional Growth Management – Key Findings

The Social Equity in Regional Growth Management research project advances Regional Planning's understanding of equity considerations as they relate to regional planning and growth management, particularly with regards to land use and transportation policy, plans, and practices.

This consultant's report communicates the key findings of the first phase of research, which examined how other regional government agencies around the world have defined and embedded equity in their policy,

plans, and practices. This research will provide an important lens for Metro 2050, an update of the regional growth strategy.

5.3 Metro 2040 Housing Policy Review – Scope of Work

The purpose of the Housing Policy Review is to determine to what extent the goals, strategies, and policy actions in Metro 2040 should be adjusted to better support current practices and changes in the housing policy landscape, and emerging regional aspirations related to the promotion of diverse and affordable housing choices. The Metro 2040 Housing Policy Review will evaluate existing Metro 2040 goals, strategies, and policy actions relating to housing, engage with member jurisdictions and key stakeholders to identify preferred policy considerations, and recommend ways to integrate these policy considerations through new or revised policy actions in Metro 2050.

5.4 Metro 2040 Transport Policy Review Scope of Work

Transportation is a key component of Metro 2040. It intersects with other elements in the regional growth strategy, including the areas of housing, economy, and the environment. The purpose of the Metro 2040 Transport Policy Review is to explore and identify options to update the transportation-related policies in Metro 2040, taking into account completed policy research, current practices, emerging and intersecting interests, and informed by review of practices in other jurisdictions.

5.6 Growth in Urban Centres and Frequent Transit Development Areas 2006 - 2016

Metro 2040 sets out the collective vision for how the region will accommodate the additional one million people, 500,000 new dwelling units, and 500,000 new jobs projected for the region by the year 2041. Central to Metro 2040's growth framework is a strategy to focus growth in a network of Urban Centres and corridors connected by frequent transit.

This is supported by growth targets for Urban Centres, Frequent Transit Development Areas and “all other areas” described in Table 2 of Metro 2040. This report presents recent custom Census data acquired by Metro Vancouver that shows the proportion of regional growth taking place in Urban Centres and FTDA's from 2006 to 2016.

An interim update to the region's progress towards achieving these targets shows that the region is on track to achieving its Urban Centre dwelling unit growth target, but not on track to achieving the employment growth target.

Additional monitoring work is required to better understand why some targets are not being met, and to explore new strategies, tools, and policy directions to better support member jurisdictions in their efforts to direct new growth to the regional growth strategy's shared centres and corridors framework and create transit-oriented, complete communities.

5.7 Regional Transit - Oriented Affordable Housing Fund Working Group

This report presents the outcomes of dialogues with stakeholders and the establishment of the Regional Transit-Oriented Affordable Housing Fund Working Group. Staff convened an interim working group of the study partnership to engage nonmarket and for-profit housing providers on a TOAH Fund concept.

Based on the dialogues, the interim working group has agreed to establish a formal Regional TOAH Fund Working Group led by BCNPHA, Vancity Credit Union, and Vancity Community Foundation. Metro

Vancouver staff will continue to participate in the Working Group. Based on the engagement, Phase 2 key findings of the TOAH study, and the MVRD Board Strategic Plan, a set of draft principles have been identified to guide the group. On the basis of these principles, the TOAH Fund Working Group will refine these principles and continue to explore the design of a TOAH Fund.

5.8 Scope of Work for Updating Metro 2040's Population, Dwelling Unit, and Employment Projections

Population, dwelling unit and employment projections for the region, sub-regions and member jurisdictions are key components of Metro 2040. As part of the update, Regional Planning is undertaking a process to update these projections, extending the timeline to the year 2050 as well as considering improvements to the methodology. Updated projections are foundational for all types of planning, including for member jurisdictions, as critical inputs for the regional water and liquid waste utilities demand planning and for TransLink's transportation demand modelling. In addition, updated projections will assist in assessing the current growth targets for Urban Centres and Frequent Transit Development Areas when developing Metro 2050.

Climate Action Committee – November 15, 2019

Delegation Summaries:

3.1 Dr. Stephen Sheppard, Collaborative for Advanced Landscape Planning, Faculty of Forestry, UBC

3.3 Mark Rabin, Portable Electric

3.4 Councillor Neville Abbott, Village of Lions Bay

3.5 Clara George, Pete Mitchell and Keith Woods

Information Items:

5.7 Metro Vancouver Near-Road Air Quality Monitoring Study

Metro Vancouver has completed a study to examine the air quality effects of traffic close to major roads. The study establishes an important baseline of information about existing emissions levels and sources. One of the principal study recommendations is to develop a program to reduce exposure to traffic related air pollutants and reduce emissions of traffic related air pollutants and include actions and strategies in the Clean Air Plan that is currently under development.

5.8 National Industrial Symbiosis Program (NISP) Canada Pilot Results

Industrial symbioses are created by transforming wastes from one business into higher value inputs for another business, resulting in environmental and cost benefits. The National Industrial Symbiosis Program (NISP) relies on facilitated workshops to identify resource matches and uses dedicated local practitioners to help businesses turn those matches into real life projects. A NISP Canada pilot in Metro Vancouver was aimed at exploring the potential for the NISP model to drive waste reduction, greenhouse gas emission reduction, economic diversification, job creation, and clean tech sector growth.

The NISP model is well-aligned with many of Metro Vancouver's strategies, namely the Climate 2050 Roadmaps and the update of the Integrated Solid Waste Management Plan, where transitioning to a low carbon, circular economy is expected to be an important cross-cutting theme. Although implementation is still ongoing, if the Metro Vancouver synergies prioritized for active follow-up (96 in total) were fully

implemented, they have the potential to result in 12,900 tonnes of CO₂-equivalent emissions avoided, 2,600 tonnes of waste diverted from landfill, and \$408,000 in direct economic benefit to participating businesses.

NISP Canada is continuing beyond the pilot phase with additional activity in Metro Vancouver, other parts of BC, and in Washington State. Grant-funding, especially from government, is expected to be the main source funding for NISP Canada in the short term if the program is to carry on.

Greater Vancouver Water District

E 1.1 Summer 2019 Water Supply Performance

RECEIVED

The Board received a review of water use and water supply system performance during summer 2019.

Water use in early June was above normal due to abnormally hot and dry weather. Peak water use occurred in early August but was below the levels seen in 2018. As the summer progressed, reservoir inflows and source storage declined; however, the total water storage volume remained within the normal range.

Summer 2019 was the second summer the Drinking Water Conservation Plan (DWCP) restrictions were implemented, along with Board-endorsed best practices for local governments relating to DWCP education, compliance monitoring and enforcement. Implementation of the DWCP restrictions along with water conservation campaigns by Metro Vancouver and member jurisdictions are helping to reduce water use.

Significant water system improvements such as the Port Mann Water Supply Tunnel, Port Mann Main No. 2 North, Clayton Reservoir and South Delta Main No. 1 Replacement (Phases 1 and 2), also increased the capacity of the transmission system to efficiently meet peak summer demands. These improvements helped to ensure that the water supply system performed without any significant stresses over the 2019 summer season.

E 1.2 Regional Water Conservation Campaign and Water Regulations Communications 2019 Results

RECEIVED

The Board received for information a report about the results of the regional water conservation campaign and regional communications to support the watering regulations.

Resulting from a re-testing of a regional survey first conducted in 2016 to gauge residents' attitudes and behavior related to water conservation, 2019 campaign messaging included increased discussion about the impacts of climate change on water supply, and waterwise gardening practices for longer and drier summers.

Beyond 2019, water conservation communications will continue to build on the successes and lessons of previous years, driven by a long-term view of the region's water demands and the need to conserve water and reduce per-capita water consumption.

E 1.3 Water Wagon Program 2019 Results

RECEIVED

The Board received results of Metro Vancouver's 2019 engagement activities with the Water Wagon program and Tap Water Team.

The Water Wagon and Tap Water Team continue to provide significant opportunities for outreach and resident engagement around the water conservation campaign and the use of tap water over bottled water. The addition of a second Water Wagon in early July allowed the program to attend a larger number of regional events, with increased opportunities for educating the public about Metro Vancouver's drinking water. In 2019, the Water Wagon visited 17 member jurisdictions, delivering 51,060 servings of water and engaging residents in 6,453 in-depth conversations about our water system and conservation. The Tap Water Team attended 63 event days, a new benchmark for the program.

E 1.4 Award of Contract Resulting from Request for Proposal No. 19-267: Construction Management Services for the Annacis Water Supply Tunnel

APPROVED

A construction management consultant is required for the Annacis Water Supply Tunnel project to oversee and ensure the successful execution of this technically challenging and complex project that involves tunneling deep under the Fraser River.

The Board approved the award of a contract in the amount of up to \$12,786,046 (exclusive of taxes) to McMillen Jacobs Associates resulting from Request for Proposal No. 19-267: Construction Management Services for the Annacis Water Supply Tunnel.

E 1.5 Watershed Reservoir Limnology Program Update

RECEIVED

The Board received information on the water quality monitoring program for the Capilano, Seymour and Coquitlam Reservoirs.

The Watershed Reservoir Limnology Program started in 2014 as a specialized sampling and analysis structure for the limnology (chemical, physical and biological parameters) of the Capilano, Seymour and Coquitlam Reservoirs. Reservoir monitoring information is important in proactively managing our reservoirs as water quality could be impacted by environmental variability and climate change.

This program assists in ensuring that variation and trends in reservoir water quality are tracked over time with the scientific process. Establishing a robust data set ensures accurate information is used to inform treatment processes and to address any water quality concerns should they arise. A key objective of the program is to ensure water quality monitoring is carried out in a manner that meets Metro Vancouver's mandate of providing consistently high quality drinking water to the region.

E 1.6 Ultraviolet Disinfection Optimization Projects

RECEIVED

The Board received a report with information on the ultraviolet (UV) disinfection optimization projects at the Seymour Capilano Filtration Plant and Coquitlam Water Treatment Plant.

An important component of Metro Vancouver's Board Strategic Plan includes the goal to ensure the long-term resilience of the regional drinking water system. The SCFP UV Optimization Project improves energy efficiency and reduces operating and maintenance costs. The CWTP UV Optimization Project improves the resiliency of the UV system and allows for continued treatment of water at lower flow rates during conditions of reduced water quality when the ozone treatment system is out of service. The regional health authorities have approved these UV optimization projects.

Greater Vancouver Sewage and Drainage District

E 1.1 Public Notification of Sewer Overflows and Wastewater Treatment Plant Process Interruptions **APPROVED**

The Board approved the scope of the public notification program for sewer overflows and wastewater treatment plant (WWTP) process interruptions and authorized staff to proceed with the engagement process as presented.

Public notification of sewer overflows and WWTP process interruptions takes a phased approach:

- Phase 1: Metro Vancouver will notify approximately 200 potentially impacted water users of sanitary sewer overflows (SSOs) and WWTP process interruptions in their area in real time, via automated emails similar to the way agencies and municipalities are currently notified.
- Phase 2: Metro Vancouver will notify the broader public of SSOs and WWTP process interruptions through the development of an online real time occurrence map.
- Phase 3: Metro Vancouver will address the public notification of combined sewer overflows in collaboration with staff from member municipalities, regional health authorities and the Ministry of Environment and Climate Change Strategy.

An engagement and communication process has been developed to support the public notification program, including: an information session for potentially impacted water users (Phase 1); social media and online communications (Phase 2); and, a workshop with municipal staff, health authorities and the Ministry of Environment and Climate Change Strategy (Phase 3).

E 1.2 Award of Contract Resulting from Tender No. 19-212: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank **APPROVED**

As part of the Northwest Langley Treatment Projects, a tender was issued for construction of a pump station and sanitary sewer overflow storage tank. NAC Constructors Ltd. was identified as the lowest compliant bid.

The Board approved the award of a contract in the amount of \$60,801,000 (exclusive of taxes) to NAC Constructors Ltd. resulting from Tender No. 19-212: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank.

E 2.1 Recycling and Solid Waste Management 2018 Report

RECEIVED

The Board received an update on the overall reduction, recycling and disposal of municipal solid waste from the Metro Vancouver region in 2018.

In 2018, residents, commercial/institutional businesses, and construction & demolition activity generated an estimated 3.6 million tonnes of municipal solid waste in Metro Vancouver, of which 64% (2.3 million tonnes) was diverted from disposal.

Concrete, yard and food waste, and paper fibre represented the largest quantities of recycled materials. The remaining 1.3 million tonnes of waste was sent to disposal.

Waste generation is at 90% of 2010 levels, which meets the ISWRMP target for waste reduction. Regulatory tools proposed by Metro Vancouver would increase transparency and accountability and encourage more waste diversion. This report will be shared with the Ministry of Environment and Climate Change Strategy along with member jurisdictions.

E 2.2 Solid Waste Management Plan Update

APPROVED

Metro Vancouver's Integrated Solid Waste and Resource Management Plan, approved by the Minister of Environment in 2011 is due for an update. An updated plan will build on the strengths of the current plan and identify opportunities for accelerated waste reduction and diversion, while reducing greenhouse gases and promoting a circular economy. The Solid Waste Services' 2020-2024 Financial Plan projects that the plan review will be completed by 2022 or 2023.

The Board authorized initiating an update of the regional solid waste management plan and directed staff to notify the public and First Nations of its intention to review the plan and bring an engagement plan to the Board in early 2020 before initiating consultation on the plan update.

E 2.3 B.C.'s Plastics Action Plan Policy Consultation Paper Feedback

APPROVED

The Board resolved to write to the Minister of Environment and Climate Change Strategy in response to B.C.'s Plastics Action Plan Policy consultation paper expressing support for:

- (i) province-wide restrictions on the sale and use of problematic single-use plastics and authority for local governments to restrict the distribution of problematic single-use items in their communities in addition to any province-wide bans;
- (ii) increasing materials included in the Provincial Recycling Regulation; and
- (iii) other measures to reduce plastics overall and capture more plastics.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

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

Liquid Waste Committee – November 14, 2019

Information Items:

5.2 2019 Regional Unflushables Campaign Results

This report contains results of the 2019 regional Unflushables Campaign to reduce the disposal of wipes and other materials into the sewer system, which took place in the spring and summer of 2019.

The flushing of disposable wipes and other unflushable materials is an ongoing issue for the region's wastewater system and can lead to clogs, sewer overflows and damaged equipment. Metro Vancouver's 2019 regional Unflushables Campaign, now in its third year, focused on seven priority items that should not be flushed (wipes, paper towels, hair, floss, tampons and applicators, condoms and medications). The campaign ran from April 1 to May 26 and included new campaign mascots (Pee and Poo), new videos, a morning TV interview, front page newsprint ads, an interactive cinema game, promotion on social media (Facebook, Twitter, Instagram and YouTube) and outreach at public events.

The campaign generated a high level of engagement on social media, as well as over 16,000 website visits and 1.8 million video views. Coverage of the new mascots went viral on social media and news outlets in late May, generating a total of 283 news hits from May 30 to June 7, and was generally positive, with an estimated advertising value of almost \$800,000.

5.4 Integrated Liquid Waste and Resource Management Plan Biennial Report 2017-2018 - Engagement Results

This report communicates the results of the engagement on the Integrated Liquid Waste and Resource Management Plan Biennial Report 2017-2018. The email submissions received, along with the Metro Vancouver response table, will be forwarded to the Ministry of Environment and Climate Change Strategy. No delegations were received at the September 19, 2019 Liquid Waste Committee meeting and three emails were received. Key themes emerging from the submissions include concerns regarding regional population growth and marine contamination, and a desire for tertiary treatment at all regional wastewater treatment plants.

5.5 Feasibility of a Regional Recreational Vehicle Sanitary Dump Facility

This report responds to a request from the Liquid Waste Committee to provide information on the feasibility of a regionally-operated sanitary dump (sani-dump) facility within Metro Vancouver. Available information indicates that an estimated 11 sani-dump stations are already operating within Metro Vancouver, and that market interest is low in providing new facilities.

In 2016, at the request of the City of Richmond, Metro Vancouver investigated the option of accommodating a municipally-operated sani-dump facility at the Lulu Island WWTP. Conceptual construction costs were estimated at \$200,000, with an additional \$10,000 in annual operating costs.

At that time, Richmond staff determined that operating a facility at Lulu Island WWTP, or on municipally-owned lands at the former Minoru treatment plant, was not feasible. The challenges cited by Richmond staff also likely exist at the regional level and are currently foreseen to continue; there are also potential

considerations of equity in funding such an investment given that it would only service the relatively small portion of the population that own RVs.

Zero Waste Committee – November 15, 2019

Delegation Summaries:

3.1 Tom Land, Ecowaste Industries Ltd.

3.2 Wil Tarnasky, SportsFleet Ventures

3.3 Michael R. Stephen

Information Items:

5.4 2018 Regional Solid Waste System Summary

This report provides an overview of the waste management services provided by the regional solid waste system in 2018. Metro Vancouver operates five transfer stations and the Waste-to-Energy Facility and the City of Vancouver operates the Vancouver Transfer Station and the Vancouver Landfill. These facilities make up the regional solid waste system. Detailed fact sheets are included as attachments to the report and will be provided on the Metro Vancouver website. Overall the Metro Vancouver Solid Waste system served 968,700 customers in 2018, approximately the same number of customers as in 2017. Overall regional residential and commercial/institutional waste quantities equaled 917,614 tonnes up slightly from 2017.

5.5 Alternative Fuel and Recyclables Recovery Project Procurement Update

This report provides an update on the procurement status and project scope for the alternative fuel and recyclables recovery project business case. Procurement is underway and Metro Vancouver received feedback on the proposed scope of work from the Fraser Valley Regional District and Sue Maxwell on behalf of Zero Waste B.C. The Request for Proposals was issued in early November. The business case is expected to be initiated in early 2020.

5.6 2019 “Create Memories, Not Garbage” Campaign – Update

This report provides an update on the 2019 “Create Memories, Not Garbage” campaign to reduce the amount of unnecessary waste entering the region’s waste streams during the holiday season.

The 2019 campaign will be divided into three phases: Early Shopper Campaign (Oct 7-Nov 12), Main Campaign (Nov 13-Dec 25), and Post-Christmas Campaign (Dec 26-Jan 12). New to this year is the campaign’s strategy to integrate its message into existing Christmas content as well as working with local like-minded influencers that will act as credible sources supporting the message.

Promotional tactics include ads on YouTube, social media (Facebook, Instagram, Pinterest), the Georgia Straight, television, Spotify and Vancouver’s Christmas radio station, QMFM. The campaign will also be on site at holiday markets around the region where campaign representatives will encourage residents to interact with the Merry Memory Maker app, demonstrate low-waste wrapping ideas and giveaway customizable gift certificates and a colouring sheet that can be used for wrapping.

Campaign details and creative materials are shared by email and through meetings with Members' solid waste and communications staff. Members have opportunities to co-brand all campaign materials, and share the creative and messages on any of their communication channels.

Metro Vancouver Housing Corporation

I 1 Committee Information Items and Delegation Summaries

RECEIVED

The Board received a summary of an information item from the Housing Committee.

Housing Committee – November 6, 2019

Information Item:

5.2 Metro Vancouver Housing 10-Year Plan - Launch Strategy

This report outlines the proposed process for raising broad awareness of the Metro Vancouver Housing 10-Year Plan along with targeted engagement and immediate next steps to launch implementation.

The Metro Vancouver Housing 10-Year Plan was approved by the MVHC Board on November 1, 2019, and staff will now undertake a comprehensive outreach campaign to share the Plan broadly with members, stakeholders, and the public. This will include targeted engagement with member jurisdictions, other orders of government, and other potential partners to discuss implementation and identify opportunities to work together to meet common goals and support more affordable housing throughout the region.