

For Metro Vancouver meetings on Friday, June 22, 2018

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

Caring for the Air 2018 Report

**RECEIVED
REFERRED**

The Board received for information the 2018 Caring for the Air report, the seventh edition.

The report provides an update about climate change and air quality in the Lower Fraser Valley airshed during 2017, including initiatives undertaken by Metro Vancouver and partner agencies to reduce emissions of greenhouse gases and air contaminants; actions that can be pursued by individuals; and summaries of air quality measurements.

The Board also passed an additional motion to refer the matter of cannabis production on agricultural or industrial lands to the July 6, 2018 Mayors Committee meeting, invite the UBCM to attend, and report back to the MVRD Board at its July 27, 2018 meeting.

Best Management Practices for Invasive Species in the Metro Vancouver Region

RECEIVED

The Board received a report for information that outlines three invasive species best management practices and provides an update on the status of additional best management practices under development.

As part of the RPAC-Invasive Species Subcommittee's 2017 work plan, Metro Vancouver retained the Invasive Species Council of Metro Vancouver to create a set of best management practices (BMPs) for key invasive species found within the Metro Vancouver region. BMPs for knotweeds, giant hogweed and European fire ants have been completed and are attached to this report. After receipt by the MVRD Board, these documents will be posted on www.metrovancouver.org, and shared with local government staff, crews, project managers, contractors, consultants, developers, stewardship groups, and others who have a role in invasive species management in this region. BMPs for European chafer beetle, Himalayan blackberry and Scotch broom will be shared with the Climate Action Committee in the coming months.

Use of Land Cover Data to Assess Regional Ecosystem Services

RECEIVED

The Board received an update on the use of high-resolution land cover data to advance regional ecological health through the assessment of ecosystem services. This project focused on two specific topics – regional greenspace connectivity and the use of landscape indicators to investigate stream health.

High-resolution land cover data was obtained for Metro Vancouver in 2017 and has created opportunities to advance the understanding of ecosystem services in the region. Ecosystem service assessment is an evolving field and evaluation methods need to be tested and calibrated for the Metro Vancouver region. This project focused on two topics of importance to ecological health – regional greenspace connectivity and the use of landscape indicators to investigate stream health.

Habitat connectivity networks were mapped for three different species, and the methods used could be repeated for a broader range of species. Numerous landscape indicators were tested for their links to water quality and the results indicate this is a promising avenue for monitoring urban stream health. Further research topics will be determined with staff, including staff from member jurisdictions, and updates on research progress and outcomes will be shared with the Climate Action Committee and Board as they are available.

Update of the Metro Vancouver Sensitive Ecosystem Inventory (SEI)

RECEIVE

The Board received the results from the first 5-year update of the Metro Vancouver Sensitive Ecosystem Inventory.

The Metro Vancouver Sensitive Ecosystem Inventory (SEI) update provides key insights into the state of the region's most important ecological areas and changes over a 5-year period. The amount, rate and type of ecosystem loss was quantified at both the regional and regional core (i.e. primarily developed parts of the region) scales.

Given the policies in place in Metro 2040 to preserve natural areas and connectivity, the speed and scale of loss observed in the SEI update are concerning and suggest a need to assess and strengthen protection efforts. Further analysis of the SEI dataset will be completed, including to characterize loss in more detail, assess the protection status of sensitive ecosystems, and quantify loss by disturbance type.

Consideration of District of West Vancouver's Regional Context Statement

APPROVED

The District of West Vancouver's Regional Context Statement and its Official Community Plan are a strong example of how a municipal plan can establish a land use planning framework that reflects local aspirations and work toward meeting the goals and strategies set out in Metro 2040. West Vancouver's Regional Context Statement provides the required content as required by Metro 2040 and is seen as being generally consistent with the regional growth strategy's vision, strategies and policies.

The Board approved the District of West Vancouver's Regional Context Statement as submitted to Metro Vancouver on May 28, 2018. The Board will also request written confirmation from the District of West Vancouver of its intention to resolve the land use issues in the Upper Lands by seeking to: remove the Metro 2040 Special Study Area and redesignate lands above the 1,200 foot contour and lands west of Eagle Creek to a regional Conservation and Recreation land use designation.

Progress Update on the 2018 Regional Parking Study

RECEIVED

The Board received a progress update, including preliminary observations from data analysis, to the Regional Planning Committee and Metro Vancouver Board, on the 2018 Regional Parking Study. The 2018 Regional Parking Study is a significant research initiative jointly led by TransLink and Metro Vancouver to expand the knowledge base about apartment parking supply and demand. The data collection phase has been completed and initial data analysis has commenced.

Preliminary observations include the following:

- Residential parking supply ratios exceed observed utilization by a measurable amount for all surveyed building types.
- There is no clear regional trend for strata residential parking supply ratios based on year built.
- Residential parking utilization ratios appear to be declining over time in a small selection of strata and market rental apartment developments.
- For strata, market rental, and mixed tenure apartment developments, residential parking supply ratios appear to increase with declining transit service levels, but parking utilization is at most 1 vehicle per stall.

Municipal Measures for Affordable Housing Matrix - 2018 Update

RECEIVED

The Board received an updated version of the Municipal Measures for Affordable Housing Matrix. The matrix provides an inventory of policies, programs and municipal actions to support the development of affordable housing across the region.

Regional Parks Land Acquisition 2050

ADOPTED

The Board adopted the Regional Parks Land Acquisition 2050 strategy.

Regional Parks Land Acquisition 2050 contains five key strategies for where and how to grow the regional parks and greenways system over the long-term. Using a systematic, evidence-based approach, it identifies the most regionally important unprotected natural areas that could be acquired for future new and expanded parks.

Grouse Mountain Regional Park – Management Plan Framework and Public Engagement Process

APPROVED

The Board endorsed the Grouse Mountain Regional Park Management Plan Framework and authorization to proceed with public engagement.

A management plan is required to guide resource management, park improvements, operations and programming at Grouse Mountain Regional Park over the next twenty years. The proposed First Nation and public engagement on the Grouse Mountain Regional Park Management Plan Framework will ensure the final management plan is broadly supported and reflective of regional park users input. The final management plan will improve public service, enabling modest improvements to park facilities, improved accessibility and resource management in the Park over the long term.

2018 Budget - Status of Reserves

APPROVED

The Board approved the application and transfer of reserves related to the expenditures and provisions as set out in Schedule 1 of the report. With the year-end process complete, operating, discretionary and statutory reserves projected for 2018 have been updated after including 2017 operating surpluses. Reserve applications have also been updated and are presented in Schedule 1 with a recommendation for approval. These applications are consistent with Board direction on the use of reserves through the adopted reserve policy.

Proposed Membership in the Ellen MacArthur Foundation Circular Economy 100 Program

APPROVED

The Board approved Metro Vancouver membership in the Ellen MacArthur Foundation Circular Economy 100 Program effective in 2019 for a period of three years at an annual cost of US\$25,000.

The National Zero Waste Council, an organization founded by Metro Vancouver in collaboration with the Federation of Canadian Municipalities, has embraced the concept of a circular economy as a means to achieving zero waste objectives. The invitation to become a member of the CE 100 has evolved from that relationship.

A membership in EMF would position Metro Vancouver as a leader and innovator in the adoption of the circular economy and zero waste concepts within Canada and globally, with important access to leading-edge global research and networks, sharing of knowledge and best practices and the opportunity to learn from and engage with like-minded governments, corporations, academic institutions and business innovators and entrepreneurs to accelerate the realization of a circular economy in the Metro Vancouver region.

Knowledge Sharing and Collaboration Study Tour - South East Queensland Council of Mayors – March 26-29, 2018, Brisbane, Queensland, Australia

RECEIVED

The Board received a report on the recent Knowledge Sharing and Collaboration Study Tour with the South East Queensland (SEQ) Council of Mayors.

2018/2019 BC Budget Review – Metro Vancouver Region – Summary of Key Findings

RECEIVED

The Board received a report on the anticipated impacts of the 2018/2019 Provincial Budget on the Metro Vancouver region. The analysis shows that while significant measures are being implemented by the current government that will have tangible benefits within the Metro Vancouver region with respect to affordable housing, child care and transportation, changes to the property based tax structure will continue to compound inequities between the Metro Vancouver region and the rest of the Province.

Delegations Received at Committee in June

RECEIVED

The Board received a summary of a delegation to the Climate Action Committee from Jill Dwyer, Coquitlam River Watershed Roundtable Coordinator, in partnership with the Watershed Watch Salmon Society, and also a delegation to the Regional Planning Committee from Jason Chu, Manager, Long Range Planning, Township of Langley.

Metro Vancouver 2040: Shaping our Future Land Use Designation Amendment Request from the Township of Langley – Williams Neighbourhood Plan

APPROVED

The Township of Langley has requested that the MVRD Board consider a Type 3 minor amendment to Metro 2040 for its Williams Neighbourhood Plan area. The proposed amendment is consistent with Metro 2040 strategy for development in urban areas in that it contributes to integrating an area designated for employment uses into an existing urban residential neighbourhood in a growing area of the region.

Primarily, the amendment creates a detailed plan for this portion of the Willoughby area by accommodating a range of future business activities such as light industrial, manufacturing, warehousing and office uses.

Metro 2040 allocates and anticipates lands within the Urban Containment Boundary for the development of new urban communities. The Township of Langley's Willoughby area is one of the larger developing urban areas in the region. Staff recommend Alternative 1, as the proposed amendment will serve to shape the form of this emerging urban area in a manner generally consistent with Metro 2040's goals and strategies.

The Board initiated the Metro 2040 minor amendment process and in response to the Township of Langley's request, gave first and second readings to Metro Vancouver Regional District Regional Growth Strategy Amendment Bylaw No. 1266, 2018, and directed staff to notify affected local governments as per Metro Vancouver 2040: Shaping our Future section 6.4.2.

Regional Growth Strategy Amendment Bylaw No. 1263 – Hazelmere Site City of Surrey – Bylaw Consideration

**RECEIVED
DECLINED**

The City of Surrey has requested that the Metro Vancouver Board consider a Type 2 amendment to Metro Vancouver 2040: Shaping our Future for the Hazelmere site.

The Board received for information the minutes of the Public Hearing on Regional Growth Strategy Amendment Bylaw No. 1263 – Hazelmere Site City of Surrey – Bylaw Consideration.

The Board declined the City of Surrey’s requested amendment to Metro 2040 for the Hazelmere site.

Greater Vancouver Sewage and Drainage District

2018 Budget - Status of Reserves

APPROVED

The Board approved the application and transfer of reserves related to the expenditures and provisions as set out in Schedule 1 of the report. With the year-end process complete, operating, discretionary and statutory reserves projected for 2018 have been updated after including 2017 operating surpluses. Reserve applications have also been updated and are presented in Schedule 1 with a recommendation for approval. These applications are consistent with Board direction on the use of reserves through the adopted reserve policy.

Iona Island Wastewater Treatment Plant – Project Definition Update

RECEIVED

The Board received an update on the work underway to complete the Project Definition Phase for the new Iona Island Wastewater Treatment Plant.

A Project Definition Phase team consisting of internal Metro Vancouver staff and external consultants and advisors is being assembled. Proposals for all but one of the consultants and advisors have been received and evaluated. The process for awarding a contract to each consultant/advisor is currently underway and will be completed by early July.

Metro Vancouver is committed to meaningful engagement with potentially impacted stakeholders and First Nations on the Iona Island Wastewater Treatment Plant Project. Metro Vancouver will provide a range of engagement activities to provide information and seek input on the project and will collaborate with interested groups to receive input on the proposed plant upgrade, develop concepts to integrate the new plant with Iona Beach Regional Park, and explore resource recovery opportunities. A summary of stakeholder and First Nations engagement activities and findings will be provided to the GVS&DD Board with the Project Definition Report.

Award of Phase C – Construction Administration Services: Design-Build Procurement Consulting Engineering Services for the North Shore Wastewater Treatment Conveyance Project **APPROVED**

The Board authorized the award of Phase C: Construction Administration Services in the amount of up to \$1,500,000 (exclusive of taxes) to the consultant, AECOM Canada Ltd., for the North Shore Wastewater Treatment Conveyance Project once the project reaches financial close.

The RFP was issued for consulting engineering services for the North Shore Wastewater Treatment Plant (NSWWTP) Conveyance Project and contemplated the work to be done in three phases. AECOM Canada Ltd. was the successful proponent and are nearing completion of Phase B (Design-Build Procurement).

Award of Contracts for RFP No. 17-291: Supply and Delivery of Dry Polymer to Wastewater Treatment Plants **APPROVED**

The Board authorized the award of contracts for an amount of up to \$5,240,000 (exclusive of taxes) between BASF Canada Inc. in the amount of up to \$3,130,000 (exclusive of taxes) and SNF Canada Ltd. in the amount of up to \$2,110,000 (exclusive of taxes).

Award of a Contract Resulting from Request for Proposal (RFP) No. 18-127: Consulting Engineering Services for the Northwest Langley Wastewater Treatment Plant River Crossing **APPROVED**

The Board authorized the award of a contract in the amount of up to \$4,218,203 (exclusive of taxes) to McMillen Jacobs Associates for Phase A, Preliminary Design revalidation, Phase B, Detailed Design, and Phase C, Tendering Support & Design Finalization resulting from RFP No. 18-127: Consulting Engineering Services for the Northwest Langley Wastewater Treatment Plant River Crossing.

Waste-to-Energy Facility Environmental Monitoring and Reporting, 2017 Update **RECEIVED**

The Board received an overview of the current Waste-to-Energy Facility environmental monitoring program and Operational Certificate implementation. The Waste-to-Energy Facility operates well within environmental standards and limits. A range of projects that continuously improve the facility's environmental performance have been completed or are underway. All air emission related parameters monitored during 2017 were in compliance with Operational Certificate 107051. Continuous emissions monitoring data and all compliance reports are available on the Metro Vancouver website. A number of initiatives are complete and underway to comply with the requirements of the Waste-to-Energy Facility Operational Certificate.

Update on Clothing Waste Reduction

RECEIVED

The Board received an update on actions Metro Vancouver is taking to reduce clothing waste

Clothing is one of the fastest growing waste streams due to rapidly changing fashion trend cycles and low prices, leading to increased clothing consumption and disposal. Clothing waste reduction is a priority to address key impacts such as increased waste and ocean microplastics, business risk, and polluted waterways where clothing is produced. While there is an existing system for clothing waste collection and donation, it does not capture all materials and is not a circular system. Transitioning from a linear to circular fashion system will require a collaborative, multi-pronged approach. Metro Vancouver is working on initiatives that support clothing waste reduction and the transition to circular fashion, including the launch of a textiles waste reduction behavior change campaign in 2019.

2018 Metro Vancouver Love Food Hate Waste Campaign Update

RECEIVED

The Board received an update on the regional “Love Food Hate Waste” behaviour change campaign.

Greater Vancouver Sewerage and Drainage District Sewerage & Drainage Areas Boundaries Amending Bylaw No. 315, 2018 – Fraser Sewerage Area – 5175 184 Street, City of Surrey

APPROVED

The City of Surrey requested that the GVS&DD amend the Fraser Sewerage Area to include a portion of the property located at 5175 184 St. in Surrey. On April 27, 2018, the MVRD Board resolved that the request was consistent with the provisions of Metro 2040. GVS&DD analysis has shown there is a negligible impact on the regional sewerage system and there are no financial impacts to the GVS&DD.

The Board approved the amendment.

Greater Vancouver Water District

2018 Budget - Status of Reserves

APPROVED

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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 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 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.

Metro Vancouver Housing Corporation

2018 Budget - Status of Reserves

APPROVED

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