

For Metro Vancouver meetings on Friday, June 28, 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@metrovancover.org or Kelly.Sinowski@metrovancover.org

Metro Vancouver Regional District

E 1.1 Greater Vancouver Regional Fund Semi-Annual Report as of December 31, 2018

RECEIVED

The Board received for information TransLink's status report on active projects funded by federal gas tax funds through the Greater Vancouver Regional Fund.

As per TransLink's report, the regional transportation authority has been successful in delivering the majority of the projects on or ahead of schedule and incurring positive cost variances. Six projects are noted as experiencing delays exceeding three months: the Metrotown trolley overhead rectifier replacement, three conventional bus replacement projects, equipment for deferred bus retirement program, and the battery electric bus pilot.

Looking ahead over the next 9 years, TransLink expects to draw on \$1.5 billion in GVRF funds to pay for eligible capital expenditures associated with the 2018 Phase Two Investment Plan and subsequent investment plans. Assuming the renewal of the federal gas tax transfers in 2024, the forecasted balance in 2027 will be drawn down to a balance of approximately \$181 million.

E 1.2 Board Voting Technology

RECEIVED

The Board received for information an update on a technology solution to automate the Board's voting process.

In-house staff expertise was leveraged to develop a software solution to meet the unique voting requirements of the Metro Vancouver Board, notably the multiple jurisdictions and the weighting voting aspect. While the Board employs two voting methods – a rising vote and a recorded vote – the recorded vote is the one to benefit from the proposed voting technology solution and is also authorized by the Procedure Bylaw obviating the need for a bylaw amendment. Staff have concluded the development and testing of the voting software, which is ready for use and can be deployed at the next Board meeting where a recorded vote is requested.

E 1.3 Asset Management for Corporate Facilities and Equipment Policy

APPROVED

The Board approved the Asset Management for Corporate Facilities and Equipment Policy, which will establish asset management principles and a framework to balance asset performance, risk and cost to support the long-term provision of Regional Services not covered under a separate asset management policy.

The goal of the policy is to balance asset performance, risk and cost. This policy outlines Metro Vancouver's commitment and methodology to manage department assets in a manner that minimizes asset failure risks and impacts and optimizes the life cycle of assets.

The policy will guide Metro Vancouver to meet asset performance targets within a specified budget and enable evidence-based decision making to continuously provide reliable services in the region.

E 1. 4 2019 Rail~Volution Conference – Request for Sponsorship

APPROVED

Rail~Volution, a U.S.-based non-profit, is intended to serve as a catalyst for building livable communities with transit by inspiring people in communities and regions to make better transit and land use decisions. TransLink, as the local host agency, has submitted a sponsorship request to Metro Vancouver for the 2019 Rail~Volution conference to be held in this region September 9-11, 2019, which is the first time the conference will be held outside of the United States.

The Board approved \$10,000 of sponsorship funding in support of the Regional Day component of the Rail~Volution Conference to be held in Metro Vancouver on September 11, 2019.

E 2.1 Best Management Practices for Invasive Species: English Holly, English and Irish Ivies, Yellow Archangel, Himalayan Balsam, and Parrot's Feather

RECEIVED

Metro Vancouver retained the Invasive Species Council of Metro Vancouver to create a set of best management practices for key invasive species found within the region. The Board received for information a report with best management practices for English Holly, English and Irish Ivies, Yellow Archangel, Himalayan Balsam, and Parrot's Feather and directed staff to forward the report to member jurisdictions for information.

E 2.2 Board Appointment and Rescindments of Staff as Officers

APPROVED

Employment status and job function changes of Metro Vancouver environmental regulatory staff have resulted in a need to update staff appointments to ensure appropriate authority to advance air quality management goals. The Board:

- pursuant to the Greater Vancouver Regional District Air Quality Management Bylaw and the Environmental Management Act:
 - appointed the following Metro Vancouver employee as an officer: Permitting and Enforcement Officer, Brian Kerin; and
 - rescinded the appointments of the following persons as officers: Lynne Bosquet and Donna Hargreaves; and
- pursuant to section 28 of the Offence Act:
 - appointed the following Metro Vancouver employee for the purpose of serving summons for alleged violations under the Greater Vancouver Regional District Air Quality Management Bylaw: Permitting and Enforcement Officer, Brian Kerin; and
 - rescinded the appointments for the purpose of serving summons of the following persons: Lynne Bosquet and Donna Hargreaves.

E 3.1 By-election 2019 Results for the Office of Electoral Area A Director

RECEIVED

The Board received results of the June 15, 2019 by-election for the Office of Director, Electoral Area A, Metro Vancouver Regional District, wherein Jen McCutcheon was elected to the office.

E 3.2 Appointment of Metro Vancouver’s 2019 Representative to the UBCM Indigenous Relations Committee

APPROVED

Following Tsawwassen First Nation’s election for Chief and Council held on April 6, 2019, Tsawwassen First Nation nominated newly elected Chief Ken Baird as its representative to the MVRD Board. Board Chair Sav Dhaliwal has named Director Baird as Vice-Chair of MVRD’s Indigenous Relations Committee. As a matter of UBCM policy, only the Chair or Vice-Chair of Metro Vancouver’s Indigenous Relations Committee may be considered for appointment to the UBCM Indigenous Relations Committee.

The Board appointed Director Ken Baird, Vice-Chair of Metro Vancouver’s Indigenous Relations Committee, to the Union of BC Municipalities’ Indigenous Relations Committee for the remainder of 2019.

G 1.1 Proposed Amendments to the Remuneration Bylaw – Amending Bylaw 1286

APPROVED

At its May 24, 2019 meeting, the MVRD Board considered the findings of the Board Remuneration Independent Review Panel and endorsed its recommendations regarding board remuneration, and subsequently directed staff to prepare amendments to the Remuneration Bylaw. An amending bylaw was prepared in which two amendments are proposed: first, to adjust the base rate for the Electoral Area A Director by increasing it to 30% of the Board Chair salary; and second, to introduce a one-time adjustment to offset the elimination of non-taxable portion of remuneration introduced by the Canada Revenue Agency.

The Board gave first, second and third reading to Metro Vancouver Regional District Board and Committee Remuneration Amending Bylaw Number 1286, 2019; then passed and finally adopted the bylaw.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

The Board received delegation summaries and information items from Standing Committees.

Climate Action Committee – June 14, 2019

Information Items:

- **5.2 Metro Vancouver’s Carbon Price Policy Implementation Update**

Since its implementation in June 2017, the Carbon Price Policy has been functioning as designed where it has been applied, in particular for large infrastructure projects which require a formalized options analysis. Financial implications of the policy are being evaluated on a case-by-case basis in the early stages of project evaluation. This ensures that any additional costs associated with the carbon price are incorporated early on in decision making and project budgets, ensuring that any financial impacts are understood and accounted for.

- **5.4 Measuring Ecosystem Services – Metro Vancouver’s Carbon Storage Dataset**

The Metro Vancouver carbon storage dataset provides spatial estimates of carbon stored in biomass (e.g. trees, shrubs) and soil that can be used to support the incorporation of ecosystem services into decision-making. The project created several outputs including a parcel-based dataset that can easily be used by planners to explore the potential carbon implications of projects within a given area. Other potential applications for the dataset include as a change detection tool, and for predicting other ecosystem services. Sources of uncertainty within the dataset are outlined in this report and include a lack of detailed mapping and carbon estimates for intertidal and estuarine ecosystems.

- **5.5 Urban Forest Climate Adaptation Initiative Update**

This report contains an update on the Urban Forest Climate Adaptation Initiative. Three project deliverables have been completed as part of this initiative to date, including the Urban Forest Climate Adaptation Framework for Metro Vancouver, the Design Guidebook-Maximizing Climate Adaptation Benefits with Trees and the Tree Species Selection Database. In 2018, the Tree Species Selection Database was updated with species from western North American cities. These species are found in climate conditions that are either similar to the climate conditions we currently see in Metro Vancouver, or similar to the climate conditions the region might expect to see in the future. In 2019, the Urban Forest Climate Adaptation Initiative was presented to several different audiences, and the project earned a Canadian Institute of Planners Award for Planning Excellence under the Climate Change Planning category. As a next step, Regional Planning staff will host a workshop with urban forestry practitioners to determine how the work completed to date can be further refined into accessible and useable formats.

Regional Culture Committee – June 19, 2019

Information Items:

- **5.1 MAXguide.org and Survivor 101 Updates**

Launched February 25th, 2011, MAXguide.org, Metro Vancouver’s regional arts and culture calendar, is a collaboration of regional culture stakeholders, providing free listings of arts and culture events for arts organizations, individuals and selected art businesses.

The Survivor 101 workshop series continues to be well received by a wide range of region-wide arts and culture organizations, both staff members, volunteers, and board directors. A key factor is that the organizations are given the opportunity to network with peers and share knowledge, as well as identify capacity and sustainability issues. MAXguide.org and the Survivor 101 workshop series continue to be strong vehicles to inform and engage on cultural and artistic events and to build capacity across arts and culture organizations in the Metro Vancouver region.

- **5.2 Metro Vancouver Cultural Project Grants: Adjudication Process**

The allocation of the 2019 Metro Vancouver Cultural Project Grants will be adjudicated by the Regional Culture Committee and will consider the continued support of recipients who have made a long standing commitment to serving the region while fostering the new recipient organizations who are committed to expanding to a regional audience.

Staff will undertake the initial review of the applications and compile a shortlist of applications for review by the Committee. At the July 17, 2019 meeting of the Regional Culture Committee, members will discuss each shortlisted application and make a recommendation on the grant award



for each of the successful proponents. The cap for any single project is \$10,000 with the total grant allocation not to exceed \$130,000. A report outlining the Committee's recommendations will be presented to the July 26, 2019 meeting of the MVRD Board for approval.

Industrial Lands Strategy Task Force – June 20, 2019

Delegation Summaries:

- 3.1 Tegan Smith, NAIOP Intensive Use of Industrial Land Committee

Greater Vancouver Water District

E 1.1 Award of Contract Resulting from Tender No. 18-432: Sunnyside Reservoir Unit No. 1 Seismic Upgrade and Upgrades (Non-seismic) APPROVED

The Board approved the award of a contract in the amount of \$11,578,163 (exclusive of taxes) to PCL Constructors Westcoast Inc. resulting from Tender No. 18-432: Sunnyside Reservoir Unit No. 1 Seismic Upgrade and Upgrades (Non-seismic).

E 1.2 Award of Contract Resulting from Request for Proposal (RFP) No. 19-098: Supply and Delivery of Steel Pipe for Kennedy Newton Main 84th to 72nd Avenue APPROVED

The Board approved the award of a contract in the amount of up to \$4,844,407.50 (exclusive of taxes) to Northwest Pipe Company resulting from Request for Proposal No. 19-098: Supply and Delivery of Steel Pipe for Kennedy Newton Main 84th Avenue to 72nd Avenue.

I 1 Committee Information Items and Delegation Summaries RECEIVED

The Board received information items from the Water Committee.

Water Committee – June 13, 2019

Information Items:

- **5.3 2018 GVWD Dam Safety Program Annual Update**
As required for all dam owners in British Columbia, the Water Services Dam Safety Program follows the requirements outlined in the Provincial Dam Safety Regulation (BC Reg. 40/2016). The Water Services Operations and Maintenance dam safety team monitors and reviews the performance of the five GVWD water supply dams to ensure they remain safe and continue to provide reliable sources of drinking water. The dam safety team retains a dam surveillance consultant, currently Klohn Crippen Berger, to carry out third party review and reporting on dam monitoring and inspection activities.

The Water Services Dam Safety Program is compliant with all dam safety regulatory requirements and continues to meet or exceed requirements of the Provincial Dam Safety Regulation. No significant concerns were noted by the Metro Vancouver dam safety team or dam surveillance consultant from the 2018 routine surveillance, monitoring, or formal dam inspections.☐

Greater Vancouver Sewerage and Drainage District

E 1.1 Board Appointments and Rescindments of Bylaw Enforcement Officers

APPROVED

Employment status changes for Metro Vancouver and City of Vancouver environmental regulatory staff have resulted in a need to update staff appointments to ensure appropriate authority to advance.

The Board:

- pursuant to the Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw and the Environmental Management Act:
 - appointed the following Metro Vancouver employees as municipal sewage control officers: Curtis Wan and Brian Kerin; and
 - rescinded the appointments of the following former Metro Vancouver employees as municipal sewage control officers: Alexander Clifford, Jeffrey Gogol, Lynne Bosquet, and Donna Hargreaves; and
 - appointed the following City of Vancouver employees as municipal sewage control officers: Shelley Heinrichs, and Ana Nic Lochlainn; and
 - rescinded the appointment of James Smith, former City of Vancouver employee, as a deputy sewage control manager; and
 - rescinded the appointments of the following former City of Vancouver employees as municipal sewage control officers: Brian Kerin, David Robertson, Douglas Elford, and Vanessa Koo.
- pursuant to the Offence Act appointed the following staff for the purpose of serving summons under section 28 of the Offence Act for alleged violations under Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw:
 - Metro Vancouver employee Brian Kerin; and
 - City of Vancouver employees Shelley Heinrichs and Ana Nic Lochlainn.
- Pursuant to the Offence Act rescinded the appointment of former Metro Vancouver employee Donna Hargreaves for the purpose of serving summons under section 28 of the Offence Act for alleged violations under Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw.

E 1.2 Biennial Report – Integrated Liquid Waste and Resource Management Plan

APPROVED

The Board approved the Biennial Report 2017-2018 and directed staff to submit it to the Ministry of Environment and Climate Change Strategy in accordance with the requirements of the Integrated Liquid Waste and Resource Management Plan; and to post the report on the Metro Vancouver website and arrange for the Liquid Waste Committee to receive comments and submissions on the Integrated Liquid Waste and Resource Management Plan progress.



**E 1.4 Award of a Contract Resulting from Request for Proposal (RFP) No. 19-007:
Northwest Langley Wastewater Treatment Plant – Design and Construction
Engineering Services**

APPROVED

The Board approved the award of a contract for an amount of up to \$35,327,087 (exclusive of taxes) to CH2M Hill Canada Limited for Phase A, Indicative Design Revalidation and Phase B, Detailed Design resulting from Request for Proposal (RFP) No. 19-007 Northwest Langley Wastewater Treatment Plant – Design and Construction Engineering Services.

H 1 Wastewater Treatment Plants – Tertiary Treatment

NOTICE OF MOTION

Director Lois Jackson provided the following Notice of Motion on May 24, 2019 for consideration at the next regular board meeting:

Wastewater Treatment Plants – Tertiary Treatment

That the GVS&DD Board request staff to provide a presentation on the region’s wastewater treatment plants in terms of tertiary treatment and cost benefit considerations.

I 1 Committee Information Items and Delegation Summaries

RECEIVED

The Board received a delegation summary and information items from Standing Committee meetings.

Liquid Waste Committee – June 13, 2019

Delegation Summaries:

- **3.1 Mayor John McEwen, Village of Anmore and Brandie Roberts, Anmore Green Estates**

Zero Waste Committee – June 14, 2019

Information Items:

- **5.1 Illegal Dumping Update**
This report provided information on illegal dumping trends and initiatives in the region. In 2018, member municipalities reported approximately 43,800 incidents of illegal dumping and collectively spent approximately \$3.2 million to clean up and properly dispose of the abandoned waste. In addition, municipalities report spending approximately \$2.5 million per year on bulky item pick-up in the region for a total of approximately \$5.7 million spent annually on removing illegally dumped material and managing bulky item pick-up programs.
- **5.2 Potential Regulatory Approaches for Priority Plastic Wastes**
This report described potential regulatory approaches for priority plastics, recently submitted by the National Zero Waste Council to the Canadian Council of Ministers of the Environment (CCME). The National Zero Waste Council formed a Plastics Advisory Panel that included representatives from local governments and affiliate organizations from across Canada. The Panel identified a list of priority plastics that adversely affect local governments (e.g. as litter or in wastewater), and/or

the environment (particularly as ocean plastics). The Panel then considered possible regulatory actions and recommended those they considered most effective and feasible to enact in the short to medium term. Those recommendations were forwarded to the CCME as the federal government develops its Zero Plastic Waste Strategy.

- **5.3 Waste-to-Energy Facility Environmental Monitoring and Reporting, 2018 Update**

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 2018 were in compliance with Operational Certificate 107051, except one 24-hour exceedance of carbon monoxide on January 29, 2018. Continuous emissions monitoring data and all compliance reports are available on the Metro Vancouver website.

- **5.4 2018 Waste Composition Monitoring Program Results**

Metro Vancouver monitors the composition of the region's municipal solid waste stream on a regular basis. The 2018 waste composition monitoring program analyzed the composition of the waste stream across all sectors in 161 material categories.

The most common materials in the waste were compostable organics (26%), paper (18%), plastic (16%) and non-compostable organics (16%). While the amount of compostable organics disposed has remained stable since 2016, disposal of non-compostable organics, such as treated and finished wood, has increased, likely due to the challenges processing construction and demolition waste at private facilities in the region. There have been slight decreases in the total tonnages of paper and plastic disposed since 2016. Common single-use items such as disposal cups, retail bags and disposable foodware represent about 2.4% of the overall waste stream, and approximately 1.1 billion single-use items are disposed of each year. More detailed information on single-use items and construction and demolition waste composition data will be provided to the Zero Waste Committee later this year as the data becomes available.

- **5.5 2019 Regional "Think Thrice About Your Clothes" Campaign Results**

The "Think Thrice About your Clothes" campaign supports the waste reduction objectives in the Integrated Solid Waste and Resource Management Plan. 2019 was the first year of the "Think Thrice" campaign, which was in market from February 18, 2019 to April 28, 2019. The campaign objectives were to: raise awareness about clothing waste in the region; provide tips and information to help residents make more informed decisions when purchasing, caring for, and disposing of clothing.

Among those aware of the ads, up to half intend to change their behaviour. Over the campaign period, the "Think Thrice" website saw 14,958 sessions. The campaign also received an estimated \$186,060 worth of earned media. Campaign materials were used by at least 10 member jurisdictions. The 2020 clothing waste reduction campaign will continue to use the "Think Thrice" platform, which will be refined base on learnings in 2019. The Campaign was the recipient of the Recycling Council of British Columbia (RCBC) 2019 Award for Environmental Achievement in the Public Sector category.

Metro Vancouver Housing Corporation

No open agenda items.

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