



For Metro Vancouver meetings on Friday, May 26, 2017

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

Review of the MVRD Board's Potable Water Policy for Electoral Area A

APPROVED

The MVRD Board directed staff to review the Board's Potable Water Policy for Electoral Area A and bring forward recommendations. The policy was last amended in February 1999, and since then, a number of issues have been identified.

2017 Update on Regional District Sustainability Innovation Fund Projects

RECEIVED

The Board received for information an update on the seven projects funded under the Regional District Sustainability Innovation Funds. The fund was created in 2004 to provide financial support to regional projects that contribute to the region's sustainability.

Update on Metro Vancouver's Grow Green Website and the "Growing Green in Metro Vancouver" Forum

RECEIVED

The MVRD Board received an update on Metro Vancouver's Grow Green website (www.growgreenguide.ca), as well as a summary of the "Growing Green in Metro Vancouver" forum held in collaboration with UBC Botanical Garden on March 4, 2017. The website advances a number of Metro Vancouver sustainability objectives by helping residents design lawns and gardens that conserve water, capture and retain rainwater, use compost, and increase biodiversity.

Smart Drive Challenge Results and Next Steps

RECEIVED

The MVRD Board received a report on the Smart Drive Challenge, a Sustainability Innovation Fund project initiated in 2015, which was completed in the last two quarters of 2016. In 2017, Metro Vancouver will engage two UBC students to delve deeper into the data using advanced statistical and spatial analysis techniques to better characterize the findings of the challenge. Metro Vancouver has targets to reduce greenhouse gas (GHG) emissions in the region by 33% by 2020 and 80% by 2050.

City of Richmond: Building Energy Benchmarking Policy

ENDORSED

The Board endorsed a City of Richmond resolution for a “Building Energy Benchmarking Policy” that would request the province develop a requirement that buildings above a certain size threshold benchmark their energy performance and report this information to the province annually, and that the resulting data be available to local governments to inform their climate policy and programs. The Board also agreed to write a letter to the Lower Mainland Local Government Association and the Union of BC Municipalities, communicating its endorsement.

Quarterly Report on Reconciliation Activities

RECEIVED

The Board received a quarterly report on reconciliation activities, which have been included in the Aboriginal Relations budget for 2017 and involve Metro Vancouver and local governments.

2017 Love Food Hate Waste Campaign Update

RECEIVED

The Board received an update on the “Love Food Hate Waste” behaviour change campaign, designed to reduce household food waste. The Metro Vancouver campaign launched in May 2015, and has now been in market for two years. The objective is to reduce avoidable household food waste across the region by 10 per cent by 2018, as measured against a 2014 baseline study.

MVRD Board Strategic Planning Workshop Update

RECEIVED

The Board received an update on a report from the “MVRD Board Strategic Planning Workshop” held on February 24 and 25, 2017, which focused on bringing the financial plans for Metro Vancouver’s four legal entities (MVRD, MVHC, GVWD and GVS&DD) into a single financial plan with financial projections that considered the overall regional household impact across all four services. Staff are now developing a consolidated five-year financial plan that will incorporate the direction received at the workshop for consideration later this year as part of the 2018 annual budget process.

2016 Statement of Financial Information

APPROVED

The Board approved the 2016 Statement of Financial Information (SOFI) as part of the reporting requirements of the Financial Information Act. Once approved, the Financial Information Act filing information is available for viewing by the public.

Metro Vancouver External Agency Activities Status Report May 2017**RECEIVED**

The Board received the following reports from Metro Vancouver representatives to external organizations: Metro Vancouver Agricultural Advisory Committee; Municipal Finance Authority of BC; Experience the Fraser Project Update; Delta Heritage Airpark Management Committee Status; Pacific Parklands Foundation Update; Fraser Basin Council 2016 Activities and 2017 Work Plan Summary; and Sasamat Volunteer Fire Department (SVFD).

Delegations Received at Committee May 2017**RECEIVED**

The Board received a report titled "Delegations Received at Committee May 2017," which contained a submission from Dave Schick, Manager, Policy, Government and Public Affairs, Chevron Burnaby Refinery. Schick spoke to the Climate Action Committee; no further action was taken.

2017 Agriculture Awareness Grant Recommendations**APPROVED**

The Board approved the allocation of \$40,000 in Agriculture Awareness Grants to 13 non-profit organizations, including:

- BC Agriculture in the Classroom Foundation (\$6,000) -- "Take a Bite of BC" project;
- BC Association of Farmers' Markets (\$4,000) -- "Farmer and Farmers' Market Appreciation Campaign" project;
- BC Chicken Growers Association (\$1,000) -- "Poultry in Motion Educational Mini Barn" project;
- Centre for Sustainable Food Systems at the UBC Farm (\$2,000) -- "Development of Online Food Systems Research Briefs and Webinars" project;
- Delta Farmland & Wildlife Trust (\$3,000) -- "Day at the Farm" event;
- Earthwise Society (\$2,500) -- the "Tomato Festival" event;
- Farm Folk City Folk (\$5,000) -- "Young Agrarians Land Matching Pilot" project;
- Grandview Woodland Food Connections (\$2,000) -- "Wild Minds" project;
- Haney Farmers Market Society (\$500) -- "The Market Goes to the Farm" project;
- Kwantlen Polytechnic University (KPU) Foundation (\$3,000) -- "Richmond Farm School Urban Farming and Incubator Plot" project;
- Langley Environmental Partners Society (\$4,000) -- "Langley Eats Local" project;
- North Shore Neighbourhood House (\$4,000) -- "Growing Food - Growing Community" project;
- Richmond Food Security Society (\$3,000) -- "Celebrating the Source of our Food" event.



Greater Vancouver Parks

Crippen Regional Park - Davies Orchard Concept Options

APPROVED

The MVRD Board directed staff to complete public engagement on two concepts for the Davies Orchard: Open Space Focus and Heritage Focus, and report back to the Regional Parks Committee with the results. The Davies Orchard area, an important part of Crippen Regional Park, is presently underutilized because it is not inviting and does not present as public space. Of 10 cottages on the site, six are in poor condition, four have been partially upgraded and are used for a museum, office, and short term overnight stays.

Metro Vancouver Regional Parks 2016 Annual Visitor Use and Program Statistics

RECEIVED

The MVRD Board received an update on the annual statistics for Regional Parks' visitor use, visitor services and volunteering in 2016, and information related to visitor use trends. The data is used to communicate the benefits of the regional parks system to the MVRD Board and the public, to support ongoing park planning, capital planning, facility development, and other programs and management.

Delegations Received at Committee April 2017

RECEIVED

The MVRD Board received a report on the "Delegations Received at Committee April 2017," which contained submissions from Melissa Harrison, Chair, Bowen Heritage; and Judi Gedye, President, Bowen Heritage. The delegations referred to the Davies Orchard cottages. No further action was taken.

Greater Vancouver Water District

2017 Update on Water Sustainability Innovation Fund Projects

RECEIVED

The GVWD Board received an update on six projects funded under the Water Sustainability Innovation Fund, which was created in 2004 to provide financial support to water utility projects that contribute to the region's sustainability. The projects, approved in 2015-16, include:

- Barnston/Maple Ridge Pump Station Energy Recovery
- Climate Change Impacts and Adaptation Strategy
- Water Conservation Research and Campaign
- Watershed Invasive Plant Removal and Control Project
- 2016 Approval Year Mountain Lake Tapping
- Assessing Densification Impact on Water Demand



2017 Water Wagon Schedule

RECEIVED

The GVWD Board received the preliminary 2017 event schedule for Metro Vancouver's Water Wagon. The Water Wagon attends public events in the region to provide opportunities for outreach and resident engagement on topics related to water conservation and quality. The 2017 preliminary event schedule includes 55 event days in the operating season (May to September); however, event recruitment is ongoing and requests are encouraged.

Seymour Salmonid Society - Contribution Agreement

APPROVED

The GVWD Board approved the renewal of the Contribution Agreement between the Greater Vancouver Water District and the Seymour Salmonid Society for a three-year term, and annual contribution amount of \$125,000, starting January 1, 2018 and ending on December 31, 2020. The Seymour Salmonid Society plans and manages fish culture and education programs for K-12 spanning more than one fiscal year.

BC Hydro Capilano Watershed Pole Replacement Project

RECEIVED

The GVWD Board received a report on a BC Hydro utility pole replacement project within their statutory right-of-way through the Capilano Watershed. BC Hydro is currently in the design phase of the project, which includes the replacement of 71 wooden structures with new fiberglass reinforced polymer structures. Construction is expected to start in 2018 with completion in 2019 or 2020.

Award of Contract Resulting from RFP No. 17-049: Supply and Delivery of Sodium Hypochlorite

APPROVED

The GVWD Board awarded a contract of up to \$8,628,000 (exclusive of taxes) to Brenntag Canada Inc. for Supply and Delivery of Sodium Hypochlorite. Sodium hypochlorite is used for disinfection at the Seymour-Capilano Filtration Plant, Coquitlam Water Treatment Plant and secondary disinfection facilities. It is also used to a lesser extent for disinfection at the Lions Gate, Lulu Island and Annacis Island Wastewater Treatment plants.

Greater Vancouver Sewerage and Drainage District

2017 Update on Liquid Waste Sustainability Innovation Fund Projects

RECEIVED

The GVS&DD Board received an update on five projects funded under the Liquid Waste Sustainability Innovation Funds, which was created by the Board in 2004 to provide financial support to Liquid Waste

Utility projects that contribute to the region's sustainability. The projects, approved in 2015-16, include:

- Water Reclamation from Wastewater Effluent using Disc Filters;
- Reducing Grease in Sewers - Behaviour Change Pilot Project;
- Phosphorus Recovery Demonstration Unit;
- 2016 Approval Year Smart Sewers: Development of Wireless In-situ Sensors;
- Hydrothermal Processing Pilot Facility.

Award of Project Management Support Services: Phase 2 – Detailed Design for Annacis Island Wastewater Treatment Plant Stage 5 Expansion Project **APPROVED**

The GVS&DD Board awarded Project Management Support Services: Phase 2 - Detailed Design, in the amount up to \$2,576,205 (exclusive of taxes) to AECOM Canada Ltd., for the Annacis Island Wastewater Treatment Plant (AIWWTP) Stage 5 Expansion Project.

Iona Island Secondary Wastewater Treatment Plant – Project Definition Phase **RECEIVED**

The GVS&DD received a report on the work plan for the Project Definition Phase for the upgrade of the Iona Island Wastewater Treatment Plant to secondary level treatment. Metro Vancouver's Integrated Liquid Waste and Resource Management Plan, approved by the province, requires that Iona Island be upgraded within 20 years. The Federal Wastewater Systems Effluent Regulation requires that the plant be upgraded by no later than December 31, 2030.

Region-wide Baseline for On-site Stormwater Management **APPROVED**

The GVS&DD Board approved a region-wide baseline criteria for on-site stormwater management for use by GVS&DD members. The management of stormwater on-site is important for the mitigation of the impacts to the region's waterways from development and densification.

Liquid Waste Services Environmental Management and Monitoring Initiatives **RECEIVED**

The GVS&DD Board received an overview of the environmental programs and initiatives that are performed by the GVS&DD to assess environmental performance of the liquid waste utility and proactively address changing regulatory requirements. Although the environmental programs carried out generally meet current regulatory requirements and are protective of human health and the environment, localized effects in the vicinity of the outfalls and some far reaching environmental changes in the background environment have also been observed.

Status of Sewerage and Drainage District (Solid Waste) Capital Expenditures to December 31, 2016 **RECEIVED**

The GVS&DD Board received a report on the status of utilities capital expenditures for the Sewerage and Drainage District (Solid Waste). Solid Waste capital projects are generally proceeding on schedule and within budget. The Sewerage and Drainage District (Solid Waste) is projecting to be under spent for both ongoing and completed projects to December 31, 2016. This is the third of three reports on capital expenditures for 2016.

Award of Contract Resulting from RFP No. 17-055 for Fly Ash Loading, Shuttling, Hauling and Disposal **APPROVED**

The GVS&DD Board awarded a contract to Waste Management, Inc. for the provision of fly ash loading, shuttling, hauling and disposal services for fly ash material generated at Metro Vancouver's Waste-to-Energy Facility (WTEF), for an anticipated value up to \$15 million (exclusive of taxes) for a term from July 1, 2017 to March 3, 2025.

Waste-to-Energy Facility – 2016 Financial Update **RECEIVED**

The GVS&DD Board received a 2016 financial update for the Metro Vancouver Waste-to-Energy Facility (WTEF) located in Burnaby. Expenditures in 2016 totalled \$22.07 million, including \$1.63 million in debt charges, resulting in an expenditure of \$86.79 per tonne. Metro Vancouver's portion of electrical revenues totalled \$5.80 million or \$22.80 per tonne. Based on the plant tonnage of 254,256 tonnes, the net unit cost per tonne for operation and maintenance of the WTEF in 2016 was \$63.99 per tonne. Tipping fee revenues are accounted for separately and are not included in this analysis