

For Metro Vancouver meetings on Friday, May 23, 2025

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:

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Metro Vancouver Regional District

D1 Shayne Gregg, Partner, Governance & Risk, Deloitte Canada – Final Report on Governance Review

RECEIVED

Shayne Gregg provided the MVRD Board with the Final Report on the Governance Review.

The Board received the report and referred it to a newly formed Governance Committee.

I2. Governance Review Recommendations

APPROVED

The Board directed staff to draft revisions to the Remuneration Bylaw to eliminate double meeting fees for meetings that last longer than four hours; and to eliminate remuneration for travelling on Metro Vancouver business.

The Board also referred a recommendation on committee chair remuneration to the Governance Committee, and resolved to invite the Province of British Columbia to appoint a liaison to the Governance Committee to participate in the implementation of relevant Governance Review recommendations.

E1.1 2025 Update on Regional District Sustainability Innovation Fund Projects – Regional Parks

RECEIVED

This report provided an update on five Regional Parks projects that were approved for funding between 2019 and 2023 under the Regional District Sustainability Innovation Fund and are currently in-progress or have been completed or discontinued since the last update to the designated Standing Committee.

Projects funded by the Sustainability Innovation Fund support regional sustainability, protect the environment, advance resilience, and continuously improve service delivery by allowing Metro Vancouver to explore and implement innovative approaches and respond to emerging issues and evolving best practices. The five projects are:

- Managing Capacity and Reducing Emissions: Real-time Parking Availability in Regional Parks (nearing completion)
- Natural Asset Management in Regional Parks (nearing completion)
- Promoting Peatland Recovery in Areas Affected by Wildfire in the Burns Bog Ecological Conservancy Area (complete)
- Showcasing Innovation in Alternative Powered Park Operations and Maintenance Equipment to Reduce Emissions (complete)

- Future Carbon Storage and Greenhouse Gas Emissions at Burns Bog under Different Management and Climate Scenarios (nearing completion).

These projects advance natural asset management and ecosystem protection and innovations in emission reductions and climate policy.

The Board received this report for information.

E2.1 2025 Update on Regional District Sustainability Innovation Fund Projects – Housing RECEIVED

This report provided an update on seven Metro Vancouver Housing projects that were approved for funding between 2020 and 2024 under the Regional District Sustainability Innovation Fund (SIF) and are currently in-progress since the last update to the designated Standing Committee.

Many of the Metro Vancouver Housing Sustainability Innovation Fund projects include a design phase and capital for delivery of a pilot system with a number of projects now moving to the construction stage. The projects are as follows:

- Building Resilience: Exploring the Potential of Renewable Energy Building Infrastructure
- Step Code Implementation Impacts for Building Envelope Rehabilitation of Existing Buildings
- 1-in-50 Year Deep Energy Retrofit Project for Existing Multi-Unit Residential Buildings
- Decarbonized On-Demand Domestic Hot Water Systems
- Living Building Challenge for Existing Affordable Housing Projects
- Prefabricated Mass-Timber Panels in Existing Multi-Unit Residential Buildings
- Rental Housing Blueprint Streamlining Multi-Family Affordable Rental Housing Delivery Through Standardization and Modern Construction Methods

SIF projects in housing are positioned to result in approaches that both further regional sustainability objectives, and result in continuous improvements for Metro Vancouver Housing by demonstrating new approaches with cost and time savings for housing delivery.

The Board received this report for information.

E3.1 Scan of Flood-related Capital Projects in the Metro Vancouver Region – Preliminary Results

RECEIVED

Metro Vancouver actively participates in ongoing flood resiliency planning processes in the Lower Fraser region. To support this ongoing work and to help advance the *BC Flood Strategy*, staff presented a scope of work to the Flood Resiliency Committee in July 2024 for a scan of flood related capital projects in the Metro Vancouver region. The scan, in the form of a visual map and information table, is substantially complete and is presented as part of this report as *preliminary results* for Committee and Board review and feedback.

The scan provides a lay of the land in terms of existing and planned flood risk reduction capital projects, relying primarily on provincial and federal funding data. A total of 89 projects have been scanned, dating from ~2010 to the present, ranging from coastal and river flood protection, to stormwater flood protection, to dike-related projects and nature-based solutions. Staff will next look to fill in any gaps in information, including adding in new or missed projects. The Committee and Board will be provided with updated versions of the map and table later this year.

The Board received this report for information.

E3.2 Climate 2050 Roadmap Update

RECEIVED

This report presents a revised approach for the remaining four *Climate 2050* issue areas / road maps (Land Use and Urban Form, Water and Wastewater Infrastructure, Solid Waste, and Human Health and Well-Being), which integrates climate policy and actions into existing planning processes and implementation plans. Rather than creating stand-alone roadmaps, climate actions related to these four issue areas will be integrated within updates to management plans and other planning processes. This revised approach aims to optimize staff resources and engagement efforts, respond to Board direction, and to ensure climate actions are aligned with other plans and policies. This approach is expected to lead to operational efficiencies for integrating climate considerations into core services and planning.

The Board received this report for information.

E3.3 Local Government Policy Toolkit for Improving Thermal Safety in Apartment Buildings

APPROVED

Metro Vancouver, member jurisdictions, public health authorities and others are exploring ways to protect residents from heat waves such as the 2021 heat dome that caused 619 deaths in BC. Vulnerable residents in apartment buildings without cooling are especially at risk.

Metro Vancouver partnered with the City of North Vancouver, Vancouver Coastal Health Public Health (VCH Public Health), and the City of Vancouver to develop a policy toolkit for local governments that supports climate and health priorities outlined in the *Climate 2050 Buildings Roadmap* and *Metro 2050*. Member jurisdiction staff across the region have expressed the need for information that brings together approaches and solutions to protect residents from the health risks of extreme heat. The toolkit identifies a range of measures that will improve thermal safety, including installing cooling devices, adding shading to building exteriors, improving airflow, and managing heat-related risks for occupants. Based on this toolkit, Metro Vancouver will engage members to explore collaborative opportunities to enhance thermal safety in the region's housing stock. This work aligns with the BC Government's recent commitment to continue funding for heat pump incentives in apartment buildings for residents vulnerable to extreme heat.

The Board received this report for information and directed staff to forward a copy of the report to member jurisdictions with an offer to present to council.

E3.4 BC Utilities Commission Decisions on BC Hydro's Distribution Extension Policy and 2024 Rate Design Applications

RECEIVED

As directed by the MVRD Board, Metro Vancouver participated with member jurisdictions (City of Richmond, City of Vancouver, and District of North Vancouver) as local government interveners in two BC Utilities Commission proceedings for BC Hydro's Distribution Extension Policy and 2024 Rate Design. The local government interveners recommended the BC Utilities Commission approve both applications, stating support along with suggested areas for improvement and analysis.

The BC Utilities Commission approved the new Distribution Extension Policy, effective July 5, 2025, and the 2024 Rate Design, with most changes in effect as of April 1, 2025. A separate Net Metering Service Rate proceeding, stemming from the Rate Design process, is underway to address compensation for customer-generated electricity exported to the grid. Local government interveners' input informed BC Hydro's commitments to engage local governments on small-scale multi-unit housing connections and to the BC Utilities Commission directing BC Hydro to report on rate impacts for low-income households. Metro Vancouver staff will continue to engage with BC Hydro, the Province and the BC Utilities Commission to support policies and rate designs aligned with local government energy transition goals.

The Board received this report for information.

E3.5 Air Quality Advisory Program and Preparedness for 2025

RECEIVED

For over 30 years, Metro Vancouver has operated an air quality advisory program in collaboration with health authorities and partners. Metro Vancouver issues air quality warnings to protect public health when regional air quality degrades. In 2025, the name “air quality advisory” will change to “air quality warning”, aligning with provincial and federal partners to improve public understanding of air quality warnings.

The risk of wildfire and smoke this season depends on May and June rainfall, which can influence the length and intensity of the wildfire season in BC. Lower snowpack levels are also important indicators of increased wildfire risk in summer. Average snowpack levels are below normal in BC (73 percent on March 1) and Metro Vancouver’s watersheds (80 percent on April 3). Metro Vancouver is experiencing the impacts of a changing climate now, with wildfire smoke and heat waves degrading regional air quality in seven of the last ten summers.

The Board received this report for information.

E3.6 Proposed Amendments to Air Quality Management Fees: Initiating Engagement **APPROVED**

The MVRD Board directed staff to continue to work toward cost recovery for Metro Vancouver’s air quality regulatory function. Staff propose to engage with interest holders on amendments to *Metro Vancouver Regional District Air Quality Management Fees Regulation Bylaw No. 1330, 2021* (MVRD Bylaw No. 1330, 2021), a bylaw that establishes regulatory fees to recover program costs for air quality management and encourage emission reduction.

The proposed amendments are needed to reduce the scheduled increase to fee rates to balance cost recovery while avoiding undue financial impact on industry and regional affordability. Some program costs have decreased since MVRD Bylaw No. 1330, 2021 was adopted, which warrants a reduction in fee rates. However, odorous air contaminants remain an important generator of air quality complaints and program costs, so it is critical to set a fee structure that enables a reasonable level of program cost recovery for future years.

This report includes a discussion paper that describes the proposed amendments and that will serve as the foundation for the engagement. Staff will consider input from affected audiences and present refined proposed amendments, together with a summary of input and how it was considered, to the MVRD Board in late 2025. If adopted, implementation would proceed in 2026 or sooner if feasible.

The Board directed Metro Vancouver staff to engage with interest holders.

E4.1 Barnston Island Dike Improvement Project – Work Plan

RECEIVED

Metro Vancouver is the local government for Barnston Island and is responsible for emergency management for the Island. There is a 10-km ring dike on the Island to protect it from flooding that is maintained by the local resident-volunteer Barnston Island Diking District and overseen directly by the Province. The Province provided Metro Vancouver with a grant of \$5.25 million in 2023 to manage the process and implementation of dike improvements. Metro Vancouver also committed \$1.5 million of the Growing Communities Fund grant towards this project.

Following an update in 2024 to the Barnston Island Dike Assessment Report (2012), the MVRD Board directed staff to use the priority projects identified in the update as a guide for implementing dike improvements. Through a competitive procurement process, Metro Vancouver recently entered into a contract with Northwest Hydraulic Consultants Ltd. to complete five priorities:

Barnston Island Drainage and Dike Improvement Project Work Plan	Approximate Cost
Task 1: Design for the replacement of the flood box and pump station for the Barnston Island dike	\$500,000
Task 2: Drainage ditch study and drainage ditch upgrades on Barnston Island	\$95,000
Task 3: Bank erosion study and erosion monitoring network	\$69,000
Task 4: Dike seepage assessment	\$85,000
Task 5: Operation and maintenance manual for the dike.	\$21,000
Total	\$770,000

The associated work plan is presented in this report for information.

The board received this report for information.

E4.2 Electoral Area A Community Works Fund – University Neighbourhoods Association (UNA) Dog Park Project

APPROVED

The Community Works Fund is delivered to all local governments in British Columbia through a direct annual allocation to support local eligible priorities and is distributed within Electoral Area A based on community population. Including 2025’s annual allocation, the Electoral Area A Community Works Fund Reserve stands at approximately \$1.1 million, with 81% of that apportioned based on population to UBC, which includes the University Neighbourhoods Association (UNA).

The UNA oversees residential neighbourhoods around UBC’s campus and provides municipal-like services (including parks) to its residents. In late 2024, the UNA conducted a public engagement process for a new dog park that sought feedback on its design and features. The proposed dog park received strong support from residents, and in March 2025, the UNA Board endorsed the project moving forward to Metro Vancouver for consideration of funding in the amount of \$200,000.

If the MVRD Board approves the recommendation, Metro Vancouver will enter into an agreement with UBC (on behalf of the UNA) to reimburse them for eligible costs up to \$200,000 upon submission of required documentation.

The Board approved funding for the project.

E4.3 Reforming the Local Government Act Survey – Electoral Area A Comments

APPROVED

The Province and UBCM are currently gauging interest from regional districts and local government area associations to move forward with legislative reforms focused on regional districts. As an initial step, local government area associations, including the Lower Mainland Local Government Association, engaged a legal firm (Lidstone & Company) to prepare a discussion paper titled “Regional District Legislation Roadmap” and recently distributed a survey requesting feedback on the paper and its draft recommendations.

Metro Vancouver staff have reviewed the discussion paper and survey, and recommend that the Board direct staff to submit comments provided in this report as they relate to Electoral Area A. For clarity, the recommendation is specific to Electoral Area A and does not mean Metro Vancouver is submitting these comments on behalf of other member jurisdictions.

The Board directed staff to respond to the survey as outlined in the report.

E5.1 UBCM 2025 Community Excellence Awards Nominations

APPROVED

The UBCM Community Excellence Awards recognize UBCM members that have implemented projects or programs that demonstrate excellence in meeting the purposes of local government. Metro Vancouver is seeking Board support for the following projects:

- “Construction Impact Mitigation Framework”;
- “Leveraging Professional Governance Act”;
- “Repair Cafes”; and
- “Solid Waste Management Plan Update Collaborative Engagement Program”.

The Board approved the submission to the UBCM 2025 Community Excellence Awards.

E5.2 Metro Vancouver External Agency Status Report – May 2025

RECEIVED

This report provided updates from representatives to Metro Vancouver external agencies.

The Board received this report.

G1.1 MVRD Development Cost Charge Waiver for Agricultural Development Designed to Result in a Low Environmental Impact Bylaw No. 1418, 2025

APPROVED

In April 2025, the Finance Committee and MVRD Board endorsed the proposed criteria for a Regional Park Land Acquisition Development Cost Charge (DCC) waiver for agricultural developments designed to result in a low environmental impact and directed staff to return with a waiver bylaw. The attached bylaw establishes eligibility criteria to demonstrate low environmental impact and authority for “agricultural development” that meets the criteria to receive a full waiver from the current Park Land Acquisition DCC. The waiver is commensurate with regional and municipal jurisdictions surveyed as part of the early review of DCC programs across the province. The total number of agricultural developments is quite low ranging from 0-24 per year over the past five years, and based on feedback from the agricultural sector, under current DCC rates, no applications would move forward as they would not be financially viable.

A Water DCC Reduction Bylaw is also being proposed for eligible agricultural development. Over the long term, and through the 2027 DCC Bylaw update process, a sub-category for non-residential based on further data analysis, including a specific category for agricultural development, will be created.

The Board gave three readings to and adopted *MVRD Development Cost Charge Waiver for Agricultural Development Designed to Result in a Low Environmental Impact Bylaw No. 1418, 2025*.

G2.1 Sasamat Fire Service Conversion Bylaw No. 1402, 2024

At its February 28, 2025 meeting, the Metro Vancouver Regional District Board (“the MVRD Board”) rescinded third reading of *Metro Vancouver Regional District Sasamat Fire Service Conversion Bylaw No. 1402, 2024* (“MVRD Bylaw No. 1402, 2024”), gave third reading to *MVRD Bylaw No. 1402, 2024*, as amended, and directed staff to forward *MVRD Bylaw No. 1402, 2024* to the Inspector of Municipalities for approval. *MVRD Bylaw No. 1402, 2024* received approval from the Inspector of Municipalities on April 25, 2025, and was presented to the MVRD Board for consideration of adoption.

The Board adopted the *Sasamat Fire Service Conversion Bylaw No. 1402, 2024*.

I 1 Committee Information Items and Delegation Summaries

The Board received no delegation summaries from standing committees.

The Board received information items from three standing committees.

Regional Parks Committee – May 7, 2025

Information Items:

E2 Regional Parks 2024 Annual Report

In 2024, Regional Parks continued to protect natural areas and connect people to nature, progressing towards the vision of a resilient network of regional parks and greenways that provide important climate, health, and other benefits to park visitors and the wider region.

In 2024, there were an estimated 14.5 million visits to regional parks and greenways with records set at three locations. A total of 41,171 people took part in 579 programs, events, and outreach activities, while 4,957 volunteers and park partners contributed 16,994 hours to stewardship, education activities, and interpretive programs and events. Eighty hectares of land were added to the regional parks system while staff advanced numerous planning, design, and asset management initiatives.

Air Quality and Climate Committee – May 9, 2025*Information Items:***E7 Update on Work to Amend the GVRD Boilers and Process Heaters Emission Regulation Bylaw No. 1087, 2008**

As part of Metro Vancouver's responsibility to manage regional air quality, the GVRD Boilers and Process Heaters Emission Regulation Bylaw No. 1087, 2008 (GVRD Bylaw No. 1087, 2008) controls the discharge of air contaminants from boilers and process heaters in buildings and light industrial facilities. In May 2022, the MVRD Board authorized staff to engage on proposed bylaw amendments to reduce emissions of nitrogen oxides, with the aim to continue meeting federal ambient air quality standards, protect public health, and minimize costs to equipment owners.

Current health findings indicate that even low concentrations of nitrogen oxides can cause health impacts like illness, hospitalization, and premature death, so it is important to keep air quality regulations current and aligned with research and best practices. In addition, proposed amendments will account for current economic conditions, feedback from engagement with those most likely to be impacted, and alignment with leading jurisdictions.

Before bringing proposed amendments to the MVRD Board, staff will explore options that propose cleaner technology, set short-term requirements achievable with Canadian technologies where possible, reduce costs relative to initial proposed amendments, and protect people near higher-emitting facilities.

E8 Exploring Approaches to Manage Health-Related Air Contaminants from Commercial Food Production

This report outlines a proposed study to explore measures to reduce air contaminant emissions from high-emitting commercial food production. The study will identify relevant emission control technologies and management measures used in other jurisdictions with consideration for the cost and availability of these technologies in the current context of economic uncertainty. Food production in the region is a vital sector, and staff are seeking information and options that address health concerns while accounting for costs and technology availability.

A few types of equipment and processes generate air contaminants, (such as those in smoke), that can impact the health of surrounding communities. Metro Vancouver receives about 100 to 200 air quality complaints per year related to commercial food production. Some member jurisdictions have asked Metro Vancouver to explore community impacts and potential changes to policies and regulations to better address impacts. This work will inform the evaluation of options for addressing impacts from high-emitting equipment and processes that discharge health harming air contaminants. Staff will incorporate any input from the Air Quality and Climate Committee into the project's scope of work, and report back at a future meeting.

Finance Committee – May 15, 2025

Information Items:

E1 Metro Vancouver Financial Policies

The objective of this report is to provide information to the Finance Committee on the current financial policy framework for Metro Vancouver as per the request of the Finance Committee. Metro Vancouver has established financial policies to safeguard the financial assets and instruments of each entity, by setting sound financial guidelines that promote prudent fiscal management. Current policies include:

- Financial Management Policy
- Corporate Allocation Policy
- Operating, Statutory, and Discretionary Reserves Policy
- Corporate Investments Policy
- Procurement and Asset Disposal Policy
- Real Estate Authority Policy.

Metro Vancouver Housing Corporation

E1.1 Riverside Drive Affordable Housing Project – DASH Feasibility

APPROVED

The Digitally Accelerated Standardized Housing (“DASH”) project aims to accelerate the design and construction of mid-rise multi-family housing through standardization and digital tools. MVH has been working with the DASH team to investigate opportunities to integrate the DASH approach into two pilot projects: Moray Place and Riverside Drive. This report provides an overview of the implications of integrating the DASH system for the Riverside Drive development.

Initial investigations into the feasibility of incorporating the DASH system into the development have identified opportunities for using standard unit types based on a reference design, using extended building information modelling (BIM), and incorporating prefabricated kit of part components with anticipated savings to the project timeline, particularly at the construction stage. As a pilot project, cost savings for materials are not yet anticipated, with project costs estimated to be similar cost to traditional light wood-frame construction. As the number of DASH projects increases, the scaling of production will result in both time and material cost savings.

The Board directed staff to proceed with integrating the DASH system into the design and construction of the Riverside Drive Affordable Housing Project.

Greater Vancouver Water District

E1.1 2025 Water Sustainability Innovation Fund Applications

APPROVED

In alignment with the Board Strategic Plan and the Drinking Water Management Plan, these applications are submitted for Board consideration and approval.

This report presented three applications recommended for funding, totaling \$1,150,000 over three years, funded through the Water Sustainability Innovation Fund. The first application aims to integrate the Water Services departments' natural assets into the existing Asset Management Program. The second application will support the regional water utility's long-term planning by understanding the current and projected future demands of the agricultural sector. And the third application will evaluate climate change impacts to help address the vulnerability of Metro Vancouver's dams and diversion structures through a case study.

The report provided background on the Water Sustainability Innovation Fund Policy, a brief overview of the three projects and financial implications.

The Board approved Sustainability Innovation Fund funding for the three application.

G1.1 GVWD Development Cost Charge Reduction for Agricultural Development Designed to Result in a Low Environmental Impact Bylaw No. 264, 2025

APPROVED

In April 2025, the Finance Committee and GVWD Board reviewed proposed criteria for a regional Water Development Cost Charge (DCC) reduction for agricultural developments designed to result in a low environmental impact and directed staff to return with a reduction bylaw. The attached bylaw establishes eligibility criteria to demonstrate low environmental impact and authority for "agricultural development" that meets the criteria to receive a reduction of 98% from the current Water DCC rate. The resulting rate is commensurate with member jurisdictions that have agriculture DCC rates and better reflects the estimated small proportion of regional water used by agriculture. The total number of agricultural developments is quite low ranging from 0-24 per year over the past five years, and based on feedback from the agricultural sector, under current DCC rates, no applications would move forward as they would not be financially viable.

A Park Land Acquisition DCC Waiver Bylaw is also being proposed for eligible agricultural development. Over the long term, and through the 2027 DCC Bylaw update process, a sub-category for non-residential based on further data analysis, including a specific category for agricultural development, will be created.

The Board gave first, second, third reading to and adopted *GVWD Development Cost Charge Waiver for Agricultural Development Designed to Result in a Low Environmental Impact Bylaw No. 264, 2025*.

I 1 Committee Information Items and Delegation Summaries

The Board received no delegation summaries from standing committees.

The Board received two information items from one standing committee.

Water Committee – May 14, 2025

Information Items:

E1 Water Supply Update for Summer 2025

It is anticipated that the existing snowpack and expected full source reservoirs, supported by widespread compliance with lawn watering restrictions, will ensure sufficient water to meet summer water demands. Metro Vancouver's source reservoirs are filled each winter and spring by precipitation and snowmelt, and the water needs to last through the summer and into the fall. Snowpack conditions are monitored through June 15 each year with that information being used to inform dam operations, such as reservoir refill timing, and Drinking Water Conservation Plan stage activation. During the summer, daily water use in Metro Vancouver can increase by over 50 per cent, mainly due to lawn watering. Reducing outdoor water use helps conserve water for essential purposes like cooking, cleaning, and drinking, and reduces the likelihood of more stringent restrictions.

The overall decline in the region's average daily water use has slowed in recent years, emphasizing the continued importance of water conservation. We must prepare for changes to rainfall and snowpack due to climate change. In Metro Vancouver, warmer annual temperatures and longer dry spells, combined with reductions in snowpack and earlier spring melt, will put a strain on the existing water supply in the summer and fall when water use is highest. Proactive public education, supported by strong local government enforcement, is essential to managing the increased summer demand on the drinking water system, which is primarily driven by outdoor water use.

E2 Wildfire Preparedness Update

Metro Vancouver provides a reliable supply of high-quality drinking water to three million residents through its member jurisdictions. Source water protection relies on safeguarding the forested lands of the Capilano, Seymour, and Coquitlam water supply areas from wildfires.

These areas have historically low wildfire incidence due to restricted public access and strict limitations in the type of work during fire season. With this approach, the primary wildfire risk remains lightning strikes during moderate to extreme fire risk levels. To ensure quick fire detection and response, staff utilize patrols, weather reports, near real-time lightning maps, local public and air traffic smoke reports, and rapid crew deployment of dedicated wildfire crews.

Water Services Wildfire Protection Program staff have expertise in wildfire management, specialized equipment for monitoring, and are ready for strategic deployment. The program maintains strong and proven partnerships with the BC Wildfire Service and local fire departments to ensure wildfire season readiness.

Greater Vancouver Sewerage and Drainage District

E1.1 2025 Update on Liquid Waste Sustainability Innovation Fund Projects

RECEIVED

This report provided an update on eight projects that were approved for funding under the Liquid Waste Sustainability Innovation Fund (SIF) that are currently in progress or have been completed or discontinued since the last update to the designated Standing Committee. Projects funded by SIF support regional sustainability and continuously improve service delivery by allowing Metro Vancouver to explore and implement innovative approaches and respond to emerging issues and evolving best practices. The projects outlined in this report advance these objectives through: improving the efficiency and resilience of infrastructure, enhancing resource recovery from wastewater, producing low-carbon fuels that reduce greenhouse gas emissions, and protecting the environment. The projects are:

- High Efficiency Aeration Demonstration (discontinued)
- Intelligent Water Systems – Making Use of Sensors and Big Data Analytics (complete)
- Hydrothermal Processing – Biofuel Demonstration Facility (in progress)
- Advanced Resource Recovery from Sludge – Industrial Research Chair (in progress)
- Multiphase Composite Coating for Concrete Sewers (in progress)
- Handheld Wastewater Microbial DNA Monitor (complete)
- Biorock – Innovative Building Material (in progress)
- Hydrogen System Integration at LIWWTP (in progress).

The Board received this report for information.

I 1 Committee Information Items and Delegation Summaries

The Board received no delegation summaries from standing committees.

The Board received two information item from one standing committee.

Liquid Waste Committee – May 14, 2025

Information Items:

E1 Food Sector Grease Interceptor Bylaw Enforcement

Metro Vancouver Liquid Waste Regulatory Program officers promote compliance with, and enforce, the GVS&DD's six liquid waste bylaws to mitigate risk to the District, protect the environment and human health and safety, and recover costs from industrial users. A component of the regulatory program is enforcing the Greater Vancouver Sewerage and Drainage District Food Sector Grease Interceptor Bylaw No. 365, 2023 which regulates discharges to sewer of fats, oils and grease from commercial food sector establishments (FSEs) by setting requirements for grease interceptors. The region's significant number of FSEs mean that inspections are prioritized based on municipal referrals of hot spots. In 2025, staff plan to inspect at least 350 FSEs, develop more stringent grease interceptor sizing requirements for some FSEs, continue to do outreach and education, and use Notices of Bylaw Violation where voluntary compliance efforts are not effective.

E3 2025 Adult Toilet Training Campaign Launch

Flushing disposable wipes contributes to sewer clogs, overflows, and damaged equipment that costs the region over \$2 million yearly. While there are other items that cause issues in our sewers, disposable wipes are the most problematic. To address this, Metro Vancouver is resurrecting a 2016 concept — Adult Toilet Training — that tackles wipes exclusively. Starting May 12, the campaign will target residents 18–34, as research shows they are the most likely to flush wipes. The concept delivers a singular message that asks residents to put wipes in the garbage while at the same time challenging the belief that there are “flushable” wipes. Campaign materials feature humorous bathroom tips, where one tip is always “never flush wipes.” The paid media buy includes placements on social media, Netflix, radio, restobar washrooms, and elevator screens. Campaign effectiveness will be tracked via the number of deragging incidents within the wastewater system and a 2026 post-campaign survey.