

**METRO VANCOUVER REGIONAL DISTRICT
CLIMATE ACTION COMMITTEE**

Minutes of the Regular Meeting of the Metro Vancouver Regional District (MVRD) Climate Action Committee held at 1:06 p.m. on Wednesday, February 7, 2018 in the 28th Floor Committee Room, 4730 Kingsway, Burnaby, British Columbia.

MEMBERS PRESENT:

Chair, Mayor Derek Corrigan, Burnaby
Mayor Karl Buhr, Lions Bay
Councillor Laura Dupont, Port Coquitlam
Councillor Tom Gill, Surrey
Director Maria Harris, Electoral Area A
Mayor Lois Jackson, Delta
Councillor Robert Masse, Maple Ridge (departed at 3:06 p.m.)
Councillor Harold Steves, Richmond
Councillor Rudy Storteboom, Langley City

MEMBERS ABSENT:

Vice Chair, Councillor Andrea Reimer, Vancouver
Councillor Judy Villeneuve, Surrey
Chief Bryce Williams, Tsawwassen

STAFF PRESENT:

Roger Quan, Air Quality and Climate Change Director, Parks, Planning and Environment
Carol Mason, Chief Administrative Officer
Genevieve Lanz, Legislative Services Coordinator, Board and Information Services

1. ADOPTION OF THE AGENDA

1.1 February 7, 2018 Regular Meeting Agenda

It was MOVED and SECONDED

That the Climate Action Committee adopt the agenda for its regular meeting scheduled for February 7, 2018 as circulated.

CARRIED

2. ADOPTION OF THE MINUTES

2.1 January 17, 2018 Regular Meeting Minutes

It was MOVED and SECONDED

That the Climate Action Committee adopt the minutes of its regular meeting held January 17, 2018 as circulated.

CARRIED

3. DELEGATIONS

3.1 Professor Jack Saddler, Faculty of Forestry, UBC

Professor Jack Saddler, Faculty of Forestry, UBC, International Energy Agency (IEA) spoke in support of developing a hydrothermal liquefaction (HTL) pilot plant at the *Annacis Island Wastewater Treatment Plant*, promoting the potential regional benefit of utilizing biofuels as an alternative fuel source.

In response to questions, members were informed of the potential use of biofuels for long distance transport.

Presentation material titled “Commercializing Conventional and Advanced Liquid Biofuels from Biomass” is retained with the February 7, 2018 Climate Action Committee agenda.

4. INVITED PRESENTATIONS

No items presented.

5. REPORTS FROM COMMITTEE OR STAFF

5.1 2018 Liquid Waste Sustainability Innovation Fund Applications

Report dated January 22, 2018 from Fred Nenninger, Director, Policy, Planning and Analysis, Liquid Waste Services Department, summarizing the staff evaluation of applications for financial support from the Liquid Waste Sustainability Innovation Fund and providing recommendations for the GVS&DD Board’s consideration.

Members were provided with a presentation on the 2018 Liquid Waste Sustainability Innovation fund applications, highlighting the Capture of Wastewater Contaminants of Concern and Beneficial Use of Residuals, Hydrothermal Liquefaction (HTL) Pilot Plant at *Annacis Island Wastewater Treatment Plant*, and Intelligent Water Systems.

In response to questions, members were informed of the energy efficiency of biofuels, the current method of handling biogas and residuals, and the ability to retrofit other Metro Vancouver wastewater treatment facilities with hydrothermal liquefaction capabilities.

Members expressed concerns over access to proprietary technology if the pilot project is successful and scaled up, production scale of biofuel created, and lack of additional grant funding received for the Hydrothermal Liquefaction (HTL) Pilot Plant at *Annacis Island Wastewater Treatment Plant*.

Request of Staff

Staff was requested to provide the Climate Action Committee members with further information on the legal agreement with Genifuel.

Distinct Propositions

At the request of the Chair, the recommendation was separated into distinct propositions.

The Committee considered Part b) of the recommendation at this point:

It was MOVED and SECONDED

That the Climate Action Committee refer back to staff for further information Part b) of the recommendation as presented in the report dated January 22, 2018, titled “2018 Liquid Waste Sustainability Fund Applications”.

CARRIED

The Committee considered Parts a) and c) of the recommendation at this point:

It was MOVED and SECONDED

That the GVS&DD Board approve the allocation from the Liquid Waste Sustainability Innovation Fund for the following projects:

- a) Capture of wastewater contaminants of concern and beneficial use of residuals: \$450,000 over three years starting in 2018; and
- c) Intelligent Water Systems – Making Use of Sensors and Big Data Analytics: \$200,000 over two years starting in 2018.

CARRIED

5.2 2018 Regional District Sustainability Innovation Fund Applications

Report dated January 22, 2018 from Roger Quan, Director, Air Quality and Climate Change, Parks, Planning and Environment, summarizing the staff evaluation of applications for support from the Regional District Sustainability Innovation Fund and providing recommendations for the MVRD Board’s consideration.

Members were provided a presentation on the 2018 Regional District Sustainability Innovation Fund applications, highlighting the LumiAIR and AirAware projects.

Presentation material titled “Regional District Sustainability Innovation Fund – 2018 Applications” is retained with the February 7, 2018 Climate Action Committee agenda.

It was MOVED and SECONDED

That the MVRD Board approve the allocation from the Regional District Sustainability Innovation Fund for the following projects:

- a) LumiAir: Lighting your path to Clean Air: \$140,000 over two years starting in 2018;
- b) AirAware: Air Quality and Citizen Science: \$95,000 over two years starting in 2018.

CARRIED

5.3 2018 Water Sustainability Innovation Fund Applications

Report dated January 22, 2018 from Inder Singh, Director, Policy, Planning and Analysis, Water Services, summarizing the staff evaluation of applications for support from the Water Sustainability Innovation Fund and providing recommendations for the GVWD Board's consideration.

Members were provided a presentation on the 2018 Water Sustainability Innovation Fund applications, highlighting the Residential Indoor and Outdoor End Uses of Water and Greywater Reuse and Rainwater Harvesting Demonstration projects.

Presentation material titled "Water Sustainability Innovation Fund – 2018 Applications" is retained with the February 7, 2018 Climate Action Committee agenda.

It was MOVED and SECONDED

That the GVWD Board approve the allocation from the Water Sustainability Innovation Fund for the following projects:

- a) Residential Indoor and Outdoor End Uses of Water: \$380,000 over two years starting in 2019;
- b) Greywater Reuse and Rainwater Harvesting Demonstration: \$350,000 over two years starting in 2019.

CARRIED

5.4 Climate Change Opinion Research and Next Steps on Development of Climate 2050

Lucy Duso, Policy Coordinator, External Relations and Roger Quan, Director, Air Quality and Climate Change, Parks, Planning and Environment, provided members with a verbal update on the development of Climate 2050 and the results of climate change opinion research.

Members were provided with a presentation on the results of a survey of public attitudes on climate change, highlighting perceived causes and local government actions to address climate change, survey questions and key findings, and commonly held public opinions and misconceptions regarding climate change and responses.

3:06 p.m. Councillor Masse departed the meeting.

Members were provided with a video presentation on Metro Vancouver's Climate 2050. The video is not retained with the agenda.

On-table material titled "Summary – Climate 2050 Public Survey Results" and presentation material titled "Climate 2050 Public Attitudes & Next Steps" are retained with the February 7, 2018 Climate Action Committee agenda.

It was MOVED and SECONDED

That the Climate Action Committee receive for information the February 7, 2018 verbal update from Lucy Duso and Roger Quan on the development of Climate 2050 and the results of climate change opinion research.

CARRIED

5.5 Visual Air Quality Management in the Lower Fraser Valley

Report dated January 25, 2018 from Julie Saxton, Air Quality Planner, Parks, Planning and Environment, providing the MVRD Board with an update on visual air quality initiatives and the status of the Lower Fraser Valley Visual Air Quality Pilot Project.

It was MOVED and SECONDED

That the MVRD Board receive for information the report dated January 25, 2018 titled "Visual Air Quality Management in the Lower Fraser Valley".

CARRIED

5.6 Manager's Report

Report dated January 22, 2018 from Roger Quan, Director, Air Quality and Climate Change, Parks, Planning and Environment, providing the Climate Action Committee with the status of the 2018 Committee work plan.

It was MOVED and SECONDED

That the Climate Action Committee receive for information the report dated January 22, 2018, titled "Manager's Report".

CARRIED

6. INFORMATION ITEMS

No items presented.

7. OTHER BUSINESS

No items presented.

8. BUSINESS ARISING FROM DELEGATIONS

No items presented.

9. RESOLUTION TO CLOSE MEETING

No items presented.

10. ADJOURNMENT/CONCLUSION

It was MOVED and SECONDED

That the Climate Action Committee conclude its regular meeting of February 7, 2018.

CARRIED

(Time: 3:27 p.m.)

Genevieve Lanz,
Legislative Services Coordinator

Derek Corrigan, Chair