

**METRO VANCOUVER REGIONAL DISTRICT  
UTILITIES COMMITTEE**

Minutes of the Regular Meeting of the Metro Vancouver Regional District (MVRD) Utilities Committee held at 9:00 a.m. on Thursday, April 6, 2017 in the 2<sup>nd</sup> Floor Boardroom, 4330 Kingsway, Burnaby, British Columbia.

**MEMBERS PRESENT:**

Chair, Mayor Darrell Mussatto, North Vancouver City  
Vice Chair, Councillor Colleen Jordan, Burnaby  
Mayor John Becker, Pitt Meadows (arrived at 9:15 a.m.)  
Mayor Mike Clay, Port Moody  
Councillor Charlie Fox, Langley Township  
Councillor Nora Gambioli, West Vancouver (arrived at 9:02 a.m.)  
Councillor Robin Hicks, North Vancouver District  
Councillor Patrick Johnstone, New Westminster  
Councillor Bruce McDonald, Delta  
Councillor Craig Speirs, Maple Ridge  
Councillor Harold Steves, Richmond  
Councillor Dave Woods, Surrey

**MEMBERS ABSENT:**

Councillor Tim Stevenson, Vancouver

**STAFF PRESENT:**

Tim Jervis, General Manager, Water Services  
Fred Nenninger, Director, Policy, Planning and Analysis, Liquid Waste Services  
Carol Mason, Chief Administrative Officer  
Agata Kosinski, Assistant to Regional Committees, Board and Information Services

**1. ADOPTION OF THE AGENDA**

**1.1 April 6, 2017 Regular Meeting Agenda**

**It was MOVED and SECONDED**

That the Utilities Committee adopt the agenda for its regular meeting scheduled for April 6, 2017 as circulated.

**CARRIED**

**2. ADOPTION OF THE MINUTES**

**2.1 March 9, 2017 Regular Meeting Minutes**

**It was MOVED and SECONDED**

That the Utilities Committee adopt the minutes of its regular meeting held March 9, 2017 as circulated.

**CARRIED**

**3. DELEGATIONS**

No items presented.

**4. INVITED PRESENTATIONS**

**4.1 Hugh Fraser, Deputy Director, Engineering, Corporation of Delta regarding Monitoring Water Salinity**

Hugh Fraser, Deputy Director, Engineering, Corporation of Delta, provided the Committee with a presentation on monitoring water salinity in the Fraser River.

9:02 a.m. Councillor Gambioli arrived at the meeting.

9:15 a.m. Mayor Becker arrived at the meeting.

In response to questions, members were updated on the flow of the river in cubic meters per second; salinity issues on Westham Island; impact of deepening of the Fraser River beyond 11 meters in depth; and the predicted high costs of a desalination plant.

Presentation material titled "Monitoring Water Salinity: Metro Vancouver Utilities Committee April 6, 2017" is retained with the April 6, 2017 Utilities Committee agenda.

**5. REPORTS FROM COMMITTEE OR STAFF**

**5.1 Membership in the Canadian Water Network**

Report dated March 27, 2017 from Inder Singh, Director, Policy, Planning and Analysis, Water Services, and Fred Nenninger, Director, Policy, Planning and Analysis, Liquid Waste Services, recommending that the GVWD and GVS&DD join the Canadian Water Network.

**It was MOVED and SECONDED**

That the GVWD/GVS&DD Board authorize Greater Vancouver Water District/Greater Vancouver Sewerage and Drainage District to join the Canadian Water Network as outlined in the report dated March 27, 2017, titled "Membership in the Canadian Water Network".

**CARRIED**

- 5.2 Water Supply Forecast and Water Consumption Update for Summer 2017**  
Report dated March 23, 2017 from Inder Singh, Director, Policy, Planning and Analysis, Water Services, and Marilyn Towill, Acting Director, Operations and Maintenance, Water Services, providing an annual update on the current water supply and water consumption situation in advance of the approaching summer peak demand period.

**It was MOVED and SECONDED**

That the GVWD Board receive for information the report dated March 23, 2017 titled "Water Supply Forecast and Water Consumption Update for Summer 2017".

**CARRIED**

- 5.3 Regional Water Conservation Campaign 2017**  
Report dated March 19, 2017 from Larina Lopez, Division Manager, Corporate Communications, External Relations, updating the Committee on the 2017 regional water conservation campaign.

**It was MOVED and SECONDED**

That the GVWD Board receive for information the report dated March 19, 2017 titled "Regional Water Conservation Campaign 2017".

**CARRIED**

- 5.4 Status of Utilities Capital Expenditures to December 31, 2016**  
Report dated March 23, 2017 from Frank Huber, Director, Major Projects, Management Systems and Utility Services, Water Services, and Mark Ferguson, Director, Project Delivery, Liquid Waste Services, reporting on the status of the utilities capital expenditures.

Frank Huber, Director, Major Projects, Management Systems and Utility Services, Water Services, and Mark Ferguson, Director, Project Delivery, Liquid Waste Services, provided members with a presentation on the capital expenditures within both Water and Liquid Waste Services. The presentation highlighted the following projects: the Port Mann Water Supply Tunnel, South Delta Main No. 1 Replacement, Port Mann Main No. 2 (North), Coquitlam Bulk Sodium Hypochlorite Conversion, Clayton Reservoir, E2 Shaft Replacement, Sapperton Pump Station, Ongoing Electrical Upgrades, South Surrey Interceptor Johnston Road Section, Annacis Island Waste Water Treatment Plant, Cogeneration Engines, Iona Island Wastewater Treatment Plant Solids Handling Building, and Northwest Langley Phase 1 Secondary Clarifiers.

Presentation material titled "Capital Expenditure Summary: Utilities Committee Presentation" is retained with the April 6, 2017 Utilities Committee agenda.

**It was MOVED and SECONDED**

That the GVWD and GVS&DD Boards receive for information the report dated March 23, 2017 titled "Status of Utilities Capital Expenditures to December 31, 2016".

**CARRIED**

**5.5 2016 GVWD Quality Control Annual Report**

Report dated March 6, 2017 from Rosanna Yau, Superintendent, Water Services Laboratories, Water Services, providing the Board with a summary of the 2016 GVWD Quality Control Annual Report on drinking water quality.

Rosanna Yau, Superintendent, Water Services Laboratories, Water Services, provided members with a presentation on the Metro Vancouver water quality. The presentation outlined the GVWD 2016 Quality Control Annual Report, highlighting source water quality, Capilano, Seymour, and Coquitlam turbidity, Seymour Capilano Filtration Plant, Guideline for Canadian Drinking Water Quality: filtered water, monthly filter effluent turbidity, Coquitlam Water Treatment Plant, secondary disinfection, distribution system water quality, disinfection by-products, trihalomethanes, and haloacetic acids.

Presentation material titled "GVWD 2016 Quality Control Annual Report" is retained with the April 6, 2017 Utilities Committee agenda.

**It was MOVED and SECONDED**

That the GVWD Board receive for information the report dated March 6, 2017 titled "2016 GVWD Quality Control Annual Report".

**CARRIED**

**5.6 Award of Phase B – Design-Build Procurement Consulting Services for the Lions Gate Secondary Wastewater Treatment Plant Pump Station and Conveyance Project**

Report dated March 15, 2017 from Phil Trotsuk, Chief Financial Officer and Paul Dufault, Project Manager, Lions Gate Secondary Wastewater Treatment Plant, Liquid Waste Services, requesting authorization by the GVS&DD Board to award Phase B, Design-Build Procurement consulting services in the amount up to \$2,000,000 (exclusive of taxes) to the Phase A consultant, AECOM Canada Ltd. for the Lions Gate Secondary Wastewater Treatment Plant Pump Station and Conveyance Project.

**It was MOVED and SECONDED**

That the GVS&DD Board authorize:

- a) Award of Phase B, Design-Build Procurement Consulting Services in the amount up to \$2,000,000 (exclusive of taxes) to the Phase A consultant, AECOM Canada Ltd., for the Lions Gate Secondary Wastewater Treatment Plant Pump Station and Conveyance Project; and

- b) The Commissioner and the Corporate Officer to execute the required documentation.

**CARRIED**

**5.7 Award of Contract for Design-Build-Finance Contract Implementation Consulting Services for the Lions Gate Secondary Wastewater Treatment Plant Project**

Report dated March 15, 2017 from Phil Trotsuk, Chief Financial Officer and Paul Dufault, Project Manager, Lions Gate Secondary Wastewater Treatment Plant, Liquid Waste Services, requesting authorization by the GVS&DD Board to award Design-Build-Finance Contract Implementation Consulting Services in the amount up to \$9,084,157 (exclusive of taxes) to AECOM Canada Ltd. for the Lions Gate Secondary Wastewater Treatment Plant Project.

**It was MOVED and SECONDED**

That the GVS&DD Board authorize:

- a) Award of a contract in the amount up to \$9,084,157 (exclusive of taxes) to AECOM Canada Ltd. for Design-Build-Finance Contract Implementation Consulting Services for the Lions Gate Secondary Wastewater Treatment Plant Project; and
- b) The Commissioner and the Corporate Officer to execute the required documentation.

**CARRIED**

**5.8 Impact of Cigarette Butts on Aquatic Life**

Report dated from Andjela Knezevic-Stevanovic, Director, Environmental Management and Quality Control, Liquid Waste Services, reporting back to the Utilities Committee and GVS&DD Board on the results of a literature search on the potential impact of cigarette butts on aquatic life.

Members offered comments about the opportunity to launch a public awareness campaign to educate the public of the harmful effects of cigarette butts.

**Main Motion**

**It was MOVED and SECONDED**

That the GVS&DD Board receive for information the report dated March 6, 2017, titled "Impact of Cigarette Butts on Aquatic Life".

Members discussed the need for further attention and study of this matter; and suggested that this issue be referred to the Zero Waste Committee for their input and consideration.

**Amendment to the Main Motion**

**It was MOVED and SECONDED**

That the Utilities Committee amend the Main Motion by adding the following part b) at the end of the motion:

- b) refer the report to the Zero Waste Committee for further consideration.

**CARRIED**

**Question on the Main Motion as Amended**

Question was then called on the Main Motion as amended and it was

**CARRIED**

*The Main Motion as amended now reads as follows:*

*“That the GVS&DD Board:*

- a) receive for information the report dated March 6, 2017, titled “Impact of Cigarette Butts on Aquatic Life”; and*
- b) refer the report to the Zero Waste Committee for further consideration.”*

- 5.9 Fraser Sewerage Area Amendment – 6625 60th Avenue – Corporation of Delta**  
Report dated March 2, 2017 from Ed von Euw, Senior Engineer, Policy Planning and Analysis, Liquid Waste Services, responding to a request from the Corporation of Delta for the GVS&DD Board to amend the Fraser Sewerage Area (FSA) to include the building footprints at 6625 60th Avenue in Delta.

**It was MOVED and SECONDED**

That the GVS&DD Board approve an amendment of the Fraser Sewerage Area to include the building footprints on the property located at 6625 60<sup>th</sup> Avenue, Delta as shown on District Drawing SA-2376 Sheet 90.

**CARRIED**

- 5.10 2017 – 2030 Liquid Waste Sewer Area Household Cost Projections**  
Report dated March 28, 2017 from Phil Trotsuk, Chief Financial Officer providing the GVS&DD Board with a summary of the updated household costs for each of the four sewer areas within the GVS&DD service area based on the federal and provincial governments grant funding confirmed for the replacement of the Lions Gate Wastewater Treatment Plant.

**It was MOVED and SECONDED**

That the GVS&DD Board receive for information the report dated March 28, 2017, titled “2017 – 2030 Liquid Waste Sewer Area Household Cost Projections”.

**CARRIED**

**5.11 Lions Gate Secondary Wastewater Treatment Plant: Engagement and Communications Activities and New Name**

Report dated March 28, 2017 from Andrea Winkler, Program Manager, Public Involvement, Liquid Waste Services, and Fred Nenninger, Director, Policy Planning and Analysis, Liquid Waste Services, providing an update on engagement activities and introducing the new name for the new treatment facility.

**It was MOVED and SECONDED**

That the Utilities Committee receive for information the report dated March 28, 2017 titled "Lions Gate Secondary Wastewater Treatment Plant: Engagement and Communications Activities and New Name".

**CARRIED**

**5.12 Managers' Report**

Report dated March 27, 2017 from Tim Jervis, General Manager, Water Services, and Simon So, General Manager, Liquid Waste Services, providing the Utilities Committee with an update on the status of the Committee's key priorities within the 2017 Work Plan.

The members of the committee were canvased about their preference for touring the facilities of Annacis Island Wastewater Treatment Plant and the Seymour Capilano Water Filtration Plant. Members expressed a preference for two separate half day tours.

**It was MOVED and SECONDED**

That the Utilities Committee receive for information the "Managers' Report" dated March 27, 2017.

**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.

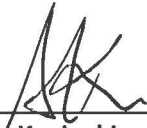
10. **ADJOURNMENT/CONCLUSION**

**It was MOVED and SECONDED**

That the Utilities Committee conclude its regular meeting of April 6, 2017.

**CARRIED**

(Time: 10:43 a.m.)



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Agata Kosinski,  
Assistant to Regional Committees



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Darrell Mussatto, Chair