GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT (GVS&DD)  
BOARD OF DIRECTORS  

REGULAR BOARD MEETING  
Friday, October 30, 2020  
9:00 A.M.  
28th Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia  

Membership and Votes  

AGENDA¹  

A. ADOPTION OF THE AGENDA  

1. October 30, 2020 Regular Meeting Agenda  
That the GVS&DD Board adopt the agenda for its regular meeting scheduled for October 30, 2020 as circulated.  

B. ADOPTION OF THE MINUTES  

1. October 2, 2020 Regular Meeting Minutes  
That the GVS&DD Board adopt the minutes for its regular meeting held October 2, 2020 as circulated.  

2. October 21, 2020 Metro Vancouver Board Budget Meeting Minutes  
That the GVS&DD Board adopt the minutes for the joint meeting of the MVRD, MVHC, GVWD and GVS&DD Boards held October 21, 2020, as circulated.  

C. DELEGATIONS  

D. INVITED PRESENTATIONS  

E. CONSENT AGENDA  
Note: Directors may adopt in one motion all recommendations appearing on the Consent Agenda or, prior to the vote, request an item be removed from the Consent Agenda for debate or discussion, voting in opposition to a recommendation, or declaring a conflict of interest with an item.  

¹ Note: Recommendation is shown under each item, where applicable. All Directors vote unless otherwise noted.
1. LIQUID WASTE COMMITTEE REPORTS

1.1  Grant Funding Application for Effluent Heat for Renewable Natural Gas Project
That the GVS&DD Board endorse the grant funding application of $3,926,000 for the
Lulu Island Wastewater Treatment Plant Effluent Heat for Renewable Natural Gas
Project through the CleanBC Communities Fund.

F. ITEMS REMOVED FROM THE CONSENT AGENDA

G. REPORTS NOT INCLUDED IN CONSENT AGENDA

1. BUDGET REPORTS

1.1  GVS&DD 2021 Budget and 2021 – 2025 Financial Plan
To be provided at a later date.

2. ZERO WASTE COMMITTEE REPORTS

2.1  GVS&DD Tipping Fee and Solid Waste Disposal Regulation Amendment
Bylaw No. 341, 2020
[Recommendation a) and b): simple weighted majority vote.] and
[Recommendation c): 2/3 weighted majority vote.]

That the GVS&DD Board:
   a) approve the following amendments to the Tipping Fee Bylaw effective
      January 1, 2021:
         i. Tipping fees to change as follows:
            Municipal garbage $117
            Up to 1 tonne $151
            1 tonne to 9 tonnes $129
            9 tonnes and over $103
         ii. Generator levy at $48 per tonne (included in Tipping Fee);
   b) give first, second and third reading to Greater Vancouver Sewerage and Drainage
      District Tipping Fee and Solid Waste Disposal Regulation Amendment
      Bylaw No. 341, 2020; and
   c) pass and finally adopt Greater Vancouver Sewerage and Drainage District Tipping
      Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 341, 2020.

H. MOTIONS FOR WHICH NOTICE HAS BEEN GIVEN

I. OTHER BUSINESS

1.  GVS&DD Board Committee Information Items and Delegation Summaries

J. BUSINESS ARISING FROM DELEGATIONS
K. RESOLUTION TO CLOSE MEETING
    Note: The Board must state by resolution the basis under section 90 of the Community Charter on which the meeting is being closed. If a member wishes to add an item, the basis must be included below.

L. RISE AND REPORT (Items Released from Closed Meeting)

M. ADJOURNMENT/CONCLUSION
    That the GVS&DD Board adjourn/conclude its regular meeting of October 30, 2020.
GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT
BOARD OF DIRECTORS

Minutes of the Regular Meeting of the Greater Vancouver Sewerage and Drainage District (GVS&DD) Board of Directors held at 10:57 a.m. on Friday, October 2, 2020 in the 28th Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia.

MEMBERS PRESENT:

Burnaby, Chair, Director Sav Dhaliwal
North Vancouver City, Vice Chair Director Linda Buchanan
Anmore, Director John McEwen
Burnaby, Director Pietro Calendino*
Burnaby, Director Mike Hurley*
Coquitlam, Director Craig Hodge
Coquitlam, Director Richard Stewart*
Delta, Director George Harvie
Delta, Director Bruce McDonald*
Electoral Area A, Director Jen McCutcheon*
Langley City, Director Val van den Broek*
Langley Township, Director Jack Froese*
Langley Township, Director Kim Richter*
Maple Ridge, Director Mike Morden*
New Westminster, Director Jonathan Coté*
North Vancouver District, Director Lisa Muri*
Pitt Meadows, Director Bill Dingwall*
Port Coquitlam, Director Brad West*
Port Moody, Director Rob Vagramov
Richmond, Director Malcolm Brodie*
Richmond, Director Harold Steves*
Surrey, Director Linda Annis
Surrey, Director Doug Elford*
Surrey, Director Laurie Guerra*
Surrey, Director Doug McCallum*
Surrey, Director Mandeeep Nagra*
Surrey, Director Allison Patton*
Vancouver, Director Christine Boyle*
Vancouver, Director Adriane Carr
Vancouver, Director Melissa De Genova*
Vancouver, Director Lisa Dominato*
Vancouver, Director Colleen Hardwick*
Vancouver, Alternate Director Pete Fra* for Kennedy Stewart
Vancouver, Director Michael Wiebe
West Vancouver, Director Mary-Ann Booth*
White Rock, Director Darryl Walker*
Commissioner Jerry W. Dobrovolsky (Non-voting member)

MEMBERS ABSENT:
None

STAFF PRESENT:

Genevieve Lanz, Legislative Services Coordinator, Board and Information Services
Chris Plagnol, Corporate Officer

*denotes electronic meeting participation as authorized by Section 3.6.2 of the Procedure Bylaw
A. ADOPTION OF THE AGENDA

1. October 2, 2020 Regular Meeting Agenda

It was MOVED and SECONDED
That the GVS&DD Board adopt the agenda for its regular meeting scheduled for October 2, 2020 as circulated.

CARRIED

B. ADOPTION OF THE MINUTES

1. July 31, 2020 Regular Meeting Minutes

It was MOVED and SECONDED
That the GVS&DD Board adopt the minutes for its regular meeting held July 31, 2020 as circulated.

CARRIED

C. DELEGATIONS
No items presented.

D. INVITED PRESENTATIONS
No items presented.

E. CONSENT AGENDA

It was MOVED and SECONDED
That the GVS&DD Board adopt the recommendations in the following items as presented in the October 2, 2020 GVS&DD Board Consent Agenda:
2.1 Waste-to-Energy Facility Proposed Operational Certificate Amendment Feedback
2.2 CleanBC Plastics Action Plan Implementation Update
3.1 Capital Infrastructure Project Governance

CARRIED

The items and recommendations referred to above are as follows:

Report dated September 24, 2020 from Tom Sadleir, Program Manager, Community Engagement, External Relations and Brent Burton, Division Manager, Policy, Planning and Analysis, Liquid Waste Services, seeking GVS&DD Board authorization to forward the Integrated Liquid Waste and Resource Management Plan engagement program for review to the Minister of Environment and Climate
Change Strategy for approval, and seeking authorization to initiate engagement upon receipt of approval.

Recommendation:
That the GVS&DD Board:
a) authorize staff to forward the engagement program for the review and update of the Integrated Liquid Waste and Resource Management Plan, as described in the report dated September 4, 2020, titled “Strategy for Review and Update of the Integrated Liquid Waste and Resource Management Plan,” to the Minister of Environment and Climate Change Strategy for approval; and,
b) authorize staff to initiate engagement upon receipt of approval from the Minister of Environment and Climate Change Strategy.

Adopted on Consent

2.1 Waste-to-Energy Facility Proposed Operational Certificate Amendment Feedback
Report dated September 21, 2020 from Paul Henderson, General Manager, Solid Waste Services, together with report dated September 11, 2020 from Brent Kirkpatrick, Lead Senior Engineer and Stephanie Liu, Communications and Education Coordinator, Solid Waste Services, informing the GVS&DD Board of feedback received regarding the waste-to-energy facility proposed Operational Certificate amendment.

Recommendation:
That the GVS&DD Board receive for information the report dated September 21, 2020, titled “Waste-to-Energy Facility Proposed Operational Certificate Amendment Feedback”.

Adopted on Consent

2.2 CleanBC Plastics Action Plan Implementation Update
Report dated September 18, 2020 from the Zero Waste Committee, together with report dated September 10, 2020 from Andrew Doi, Environmental Planner and Karen Storry, Senior Engineer, Solid Waste Services, seeking GVS&DD Board authorization to write a letter to the Minister of Environment and Climate Change Strategy requesting clarification on potential provincial bans on single-use plastics.

Recommendation:
That the GVS&DD Board write a letter to the Minister of Environment and Climate Change Strategy requesting clarification on potential provincial bans on single-use plastics, including anticipated scope and timing of such bans.

Adopted on Consent
3.1 Capital Infrastructure Project Governance
Report dated September 18, 2020 from Jerry W. Dobrovolny, Commissioner/Chief Administrative Officer and Cheryl Nelms, General Manager, Project Delivery, providing the GVS&DD Board with an update on the implementation of recommendations regarding the delivery of capital projects.

Recommendation:
That the GVS&DD Board receive for information the report dated September 18, 2020, titled “Capital Infrastructure Project Governance”.

Adopted on Consent

F. ITEMS REMOVED FROM THE CONSENT AGENDA
No items presented.

G. REPORTS NOT INCLUDED IN CONSENT AGENDA
No items presented.

H. MOTIONS FOR WHICH NOTICE HAS BEEN GIVEN
No items presented.

I. OTHER BUSINESS

1. GVS&DD Board Committee Information Items and Delegation Summaries

It was MOVED and SECONDED
That the GVS&DD Board receive for information the GVS&DD Board Committee Information Items and Delegations Summaries, dated October 2, 2020.

CARRIED

J. BUSINESS ARISING FROM DELEGATIONS
No items presented.

K. RESOLUTION TO CLOSE MEETING

It was MOVED and SECONDED
That the GVS&DD Board close its regular meeting scheduled for October 2, 2020 pursuant to the Community Charter provisions, Section 90 (1) (e) and (g) as follows:
“90 (1) A part of a board meeting may be closed to the public if the subject matter being considered relates to or is one or more of the following:
(e) the acquisition, disposition or expropriation of land or improvements, if the board or committee considers that disclosure could reasonably be expected to harm the interests of the regional district; and
(g) litigation or potential litigation affecting the regional district.”

CARRIED
L. RISE AND REPORT (Items Released from Closed Meeting)
No items presented.

M. ADJOURNMENT/CONCLUSION

It was MOVED and SECONDED
That the GVS&DD Board adjourn its regular meeting of October 2, 2020.

CARRIED
(Time: 10:59 a.m.)

CERTIFIED CORRECT

__________________________  _________________________
Chris Plagnol, Corporate Officer          Sav Dhaliwal, Chair
Minutes of the Regular Joint Meeting of the Metro Vancouver Regional District (MVRD), the Greater Vancouver Water District (GVWD), the Greater Vancouver Sewerage and Drainage District (GVS&DD), and the Metro Vancouver Housing Corporation (MVHC) Boards of Directors held at 9:01 a.m. on Wednesday, October 21, 2020 in the 28th Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia.

MEMBERS PRESENT:
Burnaby, Chair, Director Sav Dhaliwal
North Vancouver City, Vice Chair Director
   Linda Buchanan*
Anmore, Director John McEwen
Belcarra, Director Carolina Clark
Bowen Island, Director David Hocking*
Burnaby, Director Pietro Calendino*
Burnaby, Director Mike Hurley
Coquitlam, Director Craig Hodge*
Coquitlam, Director Richard Stewart*
Delta, Alternate Director Dylan Kruger for
   George Harvie*
Delta, Director Bruce McDonald*
Electoral Area A, Director Jen McCutcheon*
Langley City, Director Val van den Broek*
Langley Township, Director Jack Froese*
Langley Township, Director Kim Richter*
   (arrived at 10:07 a.m.)
Lions Bay, Director Ron McLaughlin*
Maple Ridge, Director Mike Morden*
New Westminster, Director Jonathan Coté*
North Vancouver District, Director Lisa Muri*
Pitt Meadows, Director Bill Dingwall*
Port Coquitlam, Director Brad West
Port Moody, Director Rob Vagramov* (arrived at 9:09 a.m.)
Richmond, Director Malcolm Brodie*
Richmond, Director Harold Steves*
Surrey, Director Linda Annis*
Surrey, Director Doug Elford*
Surrey, Director Laurie Guerra
Surrey, Director Doug McCallum*
Surrey, Alternate Director Brenda Locke for
   Mandeep Nagra*
Surrey, Director Allison Patton
Tsawwassen, Director Ken Baird*
Vancouver, Director Christine Boyle*
Vancouver, Director Adrian Carr*
Vancouver, Director Melissa De Genova* (arrived at 9:35 a.m.)
Vancouver, Director Lisa Dominato* (arrived at 9:13 a.m., and departed at 11:56 a.m.)
Vancouver, Director Colleen Hardwick* (arrived at 9:51 a.m.)
Vancouver, Alternate Director Pete Fry for
   Kennedy Stewart*
Vancouver, Director Michael Wiebe*
West Vancouver, Director Mary-Ann Booth* (arrived at 9:12 a.m.)
White Rock, Director Darryl Walker*

MEMBERS ABSENT:
None

STAFF PRESENT:
Jerry W. Dobrovolny, Chief Administrative Officer
Lauren Cichon, Legislative Services Coordinator, Board and Information Services
Klara Kutakova, Deputy Corporate Officer

*denotes electronic meeting participation as authorized by Section 3.6.2 of the Procedure Bylaw

Greater Vancouver Sewerage and Drainage District
The Chair called the meeting to order at 9:01 a.m.

1. PRESENTATION

1.1 2021 Budget and 2021-2025 Financial Plan – Metro Vancouver Districts and Housing Corporation
Jerry Dobrovolny, Chief Administrative Officer/Commissioner and Dean Rear, Chief Financial Officer/General Manager, Financial Services Department, introduced the 2021 Metro Vancouver Districts and Housing Corporation Budget and 2021 – 2025 Financial Plan highlighting overall household impacts for 2021 – 2025, historic and projected population growth, and operating and capital budget expenditures and revenues.

9:09 a.m. Director Vagramov arrived at the meeting.
9:12 a.m. Director Booth arrived at the meeting.
9:13 a.m. Director Dominato arrived at the meeting.

Presentation material titled “2021-2025 Financial Plan Overview” is retained with the October 21, 2020 Board Budget Workshop agenda.

9:35 a.m. Director De Genova arrived at the meeting.
9:51 a.m. Director Hardwick arrived at the meeting.
10:07 a.m. Director Richter arrived at the meeting.

Members discussed a temporary relaxation of the amortization period as outlined in the Financial Management Policy by temporarily changing it from 15 years to 30 years.

It was MOVED and SECONDED
That the MVRD Board direct staff to adopt a 30-year amortization for borrowing for 2021 and 2022 only and then return to a 15-year amortization period as per the Financial Management Policy.

Recorded Vote
At the request of the Chair, a recorded vote was conducted.

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**DEFEATED**

**Liquid Waste Services**

Members were provided an overview of the 2021 Liquid Waste Services Budget and 2021-2025 Financial Plan, highlighting performance metrics, continuous improvement, operating and capital expenditures, 2021 – 2025 major projects, financial plan summaries, and concerns about the Ministry of Environment increase of wastewater treatment plant fee in 2021.
It was MOVED and SECONDED
That the GVS&DD Board:

a) endorse the 2021 Budget and 2021-2025 Financial Plan for Liquid Waste Services, as presented; and

b) direct staff to prepare the necessary budget information to be presented at the October 30, 2020 GVS&DD Board meeting for consideration.

That the GVS&DD Board Chair write a letter to the Honourable George Heyman, Minister of Environment and Climate Change Strategy, requesting that the Minister consider the deferral or graduated application of the $2,479,807 fee increase in 2021 for Metro Vancouver’s five wastewater treatment plant authorizations.

CARRIED
Director Richter voted in the negative.

Water Services
Members were provided with an overview of the 2021 Water Services Budget and 2021-2025 Financial Plan, highlighting performance metrics, continuous improvement, 2021 – 2025 major projects, 2021-2025 financial plan summary, and proposed adjusted pricing approach.

Members requested additional information on the proposed adjusted pricing approach of the peak and non-peak water rates to be provided before the October 30, 2020 Board Meeting.

11:56 a.m. Director Dominato departed the meeting.

It was MOVED and SECONDED
That the GVWD Board:

a) endorse the 2021 Budget and 2021-2025 Financial Plan for Water Services, as presented;

b) direct staff to calculate the water rates applying the 2021 increase wholly to the peak rate; and,

c) direct staff to prepare the necessary budget information to be presented at the October 30, 2020 GVWD Board meeting for consideration.

CARRIED
Director Richter voted in the negative.

Solid Waste Services
Members were provided with an overview of the 2021 Solid Waste Services Budget and 2021 – 2025 Financial Plan, highlighting performance metrics, continuous improvement, tipping fees, and capital program highlights.
It was MOVED and SECONDED
That the GVS&DD Board:
  a) endorse the 2021 Budget and 2021-2025 Financial Plan for Solid Waste Services, as presented; and
  b) direct staff to prepare the necessary budget information to be presented at the October 30, 2020 GVS&DD Board meeting for consideration.

CARRIED

Metro Vancouver Housing Corporation
Members were provided an overview of the 2021 MVHC Budget and 2021 – 2025 Financial Plan, outlining performance metrics, and operating and capital highlights.

It was MOVED and SECONDED
That the MVHC Board:
  a) endorse the 2021 Budget and 2021-2025 Financial Plan for Metro Vancouver Housing Corporation, as presented; and
  b) direct staff to prepare the necessary budget information to be presented at the October 30, 2020 MVHC Board meeting for consideration.

CARRIED

Metro Vancouver Regional District Services
Members were provided an overview of the MVRD 2021 Budget, highlighting MVRD functions and the financial plan summary.

It was MOVED and SECONDED
That the MVRD Board:
  a) endorse the 2021 Budget and 2021-2025 Financial Plan for the Regional District Service Areas, as presented;
  b) endorse the 2021 Budget and 2021-2025 Financial Plan for the Electoral Area A Service Area, as presented;
  c) endorse the 2021 Budget and 2021-2025 Financial Plan for the Sasamat Fire Protection Service, as presented; and
  d) direct staff to prepare the necessary budget information to be presented at the October 30, 2020 Metro Vancouver Regional District Board meeting for consideration.

CARRIED

2. REPORTS

2.1 2021-2025 Financial Plan – Metro Vancouver Districts and Housing Corporation
Report dated October 14, 2020 from Jerry Dobrovolny, Commissioner/Chief Administrative Officer and Dean Rear, Chief Financial Officer/General Manager – Financial Services Department, presenting the 2021 Budget and 2021-2025 Financial Plan for the Metro Vancouver Districts and Housing Corporation for consideration.
It was MOVED and SECONDED
That the Board endorse the 2021 Budget and 2021 - 2025 Financial Plan for the Metro Vancouver Districts and Housing Corporation, as presented, and direct staff to prepare the necessary budget information to be presented at the October 30, 2020 Metro Vancouver Districts and Housing Corporation Board meetings for consideration.

Motion Withdrawn
The aforementioned motion was deemed unnecessary in light of the endorsement motions passed earlier in the meeting; consequently, withdrawal of the motion was in order. With consent of the Board, the aforementioned motion was withdrawn.

It was MOVED and SECONDED
That the MVRD, GVWD, GVS&DD, and MVHC Boards receive the report titled “2021-2025 Financial Plan – Metro Vancouver Districts and Housing Corporation” dated October 14, 2020 for information.

CARRIED

3. REFERENCE MATERIAL

3.1 2021 – 2025 Financial Plan – Standing Committee Reports

4. Q&A/COMMENTS FROM THE PUBLIC
Chair Dhaliwal asked three times if there were any members of the public wishing to speak to the proposed Metro Vancouver Districts and Housing Corporation Budgets. No persons stepped forward.

5. ADJOURNMENT
The Chair declared the meeting adjourned at 12:41 p.m.

CERTIFIED CORRECT

______________________________  ________________________________
Klara Kutakova, Deputy Corporate Officer          Sav Dhaliwal, Chair
RECOMMENDATION
That the GVS&DD Board endorse the grant funding application of $3,926,000 for the Lulu Island Wastewater Treatment Plant Effluent Heat for Renewable Natural Gas Project through the CleanBC Communities Fund.

EXECUTIVE SUMMARY
The proposed Lulu Island Wastewater Treatment Plant (LIWWTP) Effluent Heat for Renewable Natural Gas project will reduce regional greenhouse gas emissions and generate ongoing revenues, in support of Climate 2050 and Integrated Liquid Waste and Resource Recovery Plan goals. The project will install effluent heat recovery equipment that will displace on-site biogas use. Displaced biogas will instead be cleaned and sold to FortisBC as renewable natural gas (RNG), for use throughout the region, reducing regional greenhouse gas emissions. This grant application for $3,926,000 from the CleanBC Communities Fund will help fund the design and construction of the project.

PURPOSE
To obtain GVS&DD Board endorsement of an application to the CleanBC Communities Fund, to partially fund the design and construction of the Lulu Island Wastewater Treatment Plant Effluent Heat for Renewable Natural Gas project.

BACKGROUND
The proposed LIWWTP Effluent Heat for Renewable Natural Gas project will involve the installation of effluent heat recovery equipment to pre-heat water going to boilers that provide heat to plant systems and buildings. This will reduce biogas use for plant heating needs. Biogas will instead be cleaned to pipeline quality and sold to FortisBC as RNG under an existing contract, generating revenues. The RNG will be sold throughout the region, reducing regional greenhouse gas emissions by approximately 1,000 tonnes per year for the entire project life.

A feasibility study was completed in early 2020. The project will contribute to Metro Vancouver’s Climate 2050 goals. The project also aligns with the Board Strategic Plan and Integrated Liquid Waste and Resource Management Plan.

The 2021 capital plan, which the Board will consider in October, includes funding for this project. If approved, design of the LIWWTP Effluent Heat for Renewable Natural Gas project will commence in 2021. Construction and commissioning of the project is anticipated to be completed by 2025.

The CleanBC Communities Fund is a collaboration between the B.C. Ministry of Municipal Affairs and Housing and the Ministry of Environment and Climate Change Strategy. The fund is a component of the B.C. government’s CleanBC plan, which strives to push British Columbia to a cleaner, better future.
with a low carbon economy that creates opportunities for all while protecting our clean air, land and water. The fund will provide funding for infrastructure projects that support the management of renewable energy, access to clean transportation, improved energy efficiency of buildings and the generation of clean energy.

**FUNDING REQUEST**
The LIWWTP Effluent Heat for Renewable Natural Gas grant application to the CleanBC Communities Fund is to partially fund the design and construction tentatively planned to commence in 2021. Staff estimate the total cost of the project to be $10 million.

A life-cycle business case analysis has been undertaken. The project is anticipated to have a cash shortfall of $3,926,000 under current terms and conditions. Therefore, this amount is being requested, which will cause the project to break even financially if grant funding is received. If Metro Vancouver receives the grant, GVS&DD is required to commit to and fund remaining costs and any potential overages. Metro Vancouver funding for the LIWWTP Effluent Heat for Renewable Natural Gas project will be considered by GVS&DD as part of the 2021 Liquid Waste Capital Budget.

**ALTERNATIVES**
1. That the GVS&DD Board endorse the grant funding application of $3,926,000 for the Lulu Island Wastewater Treatment Plant Effluent Heat for Renewable Natural Gas Project through the CleanBC Communities Fund.

2. That the GVS&DD Board receive for information the report dated October 5, 2020, titled “Grant Funding Application for Effluent Heat for Renewable Natural Gas Project” and provide alternate direction to staff.

**FINANCIAL IMPLICATIONS**
If the GVS&DD Board approves Alternative 1, the funds included in the Liquid Waste Capital Budget will be used as Metro Vancouver’s contribution toward this project. The overall expenditures for this project are included in the proposed 2021 Liquid Waste Capital Budget and any grant received from the CleanBC Communities Fund will offset future expenditures for the project.

If the GVS&DD Board approves Alternative 2, there will be no immediate financial implications. Staff will continue to bring forward requests to fund the LIWWTP Effluent Heat for Renewable Natural Gas project through the regular budgeting process.

**CONCLUSION**
Planning has begun for the LIWWTP Effluent Heat for Renewable Natural Gas project, which will create revenues and reduce regional emissions. An opportunity has arisen to request funding to partially fund and advance the project from the CleanBC Communities Fund. A requirement of the grant application is a resolution from the approving body supporting this project.

Staff recommend Alternative 1.
To: Zero Waste Committee

From: Allen Jensen, Project Engineer, Solid Waste Services

Date: October 9, 2020

Meeting Date: October 16, 2020

Subject: GVS&DD Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 341, 2020

RECOMMENDATION
That the GVS&DD Board:

a) approve the following amendments to the Tipping Fee Bylaw effective January 1, 2021:
   i. Tipping fees to change as follows:
      Municipal garbage $117
      Up to 1 tonne $151
      1 tonne to 9 tonnes $129
      9 tonnes and over $103
   ii. Generator levy at $48 per tonne (included in Tipping Fee);

b) give first, second and third reading to Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 341, 2020; and

c) pass and finally adopt Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 341, 2020.

EXECUTIVE SUMMARY
The Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017 (Tipping Fee Bylaw) sets rates and requirements at Metro Vancouver solid waste facilities. The bylaw is typically amended or replaced on an annual basis as changes are needed. This report proposes increasing 2021 tipping fees for garbage by $4 per tonne for all waste categories. This equates to an approximately 3% increase in the average disposal rate. The proposed tipping fee increase is $3 per tonne less than what was projected for 2021 in the 2020-2024 Financial Plan. The report also proposes increasing the generator levy by $6 per tonne (included in the tipping fee at Metro Vancouver and City of Vancouver facilities).

PURPOSE
To seek Board approval to amend the Tipping Fee Bylaw to set garbage tipping fees for 2021.

BACKGROUND
The current Tipping Fee Bylaw is a consolidation of Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017 and a series of subsequent amendment bylaws.

This report proposes amending the Tipping Fee Bylaw to make changes to the garbage tipping fees and the generator levy.
**TIPPING FEE BYLAW CHANGES**

The proposed changes to the Tipping Fee Bylaw include:

- increase the garbage tipping fees by $4 per tonne or approximately 3%; and
- increase the generator levy by $6 per tonne to $48 per tonne (included in tipping fee for loads delivered to Metro Vancouver and City of Vancouver disposal facilities).

No other changes are proposed for tipping or recycling fees or other requirements at Metro Vancouver solid waste facilities for 2021.

The proposed increase in garbage tipping fees are $3 per tonne lower than the 2021 projections presented in the report titled “2020 – 2024 Financial Plan – Metro Vancouver Districts and Housing Corporation”, which was endorsed by the Board on October 23, 2019.

The generator levy is the fixed costs of the region’s transfer station network and solid waste planning and is incorporated into the garbage tipping fee for waste disposed at Metro Vancouver and City of Vancouver facilities. If a hauler delivers residential or commercial/institutional waste to another facility, the hauler is obligated to remit the generator levy to Metro Vancouver. The proposed increase in the generator levy of $6 per tonne to $48 per tonne is driven by increase in debt costs related to the development of the replacement Coquitlam Transfer Station and the Surrey Recycling and Waste Drop-Off, and includes an adjustment for capital expenditures from 2020.

The proposed amendments to the Tipping Fee Bylaw would take effect January 1, 2021. The amending bylaw is included as attachment 1 and a blackline version of the proposed changes is included as attachment 2.

If the proposed bylaw is approved, regional transfer station and disposal site customers, the public and other stakeholders will be advised through email notifications, website updates and communications at transfer stations and disposal sites.

**ALTERNATIVES**

1. That the GVS&DD Board:
   a) approve the following amendments to the Tipping Fee Bylaw effective January 1, 2021:
      I. Tipping fees to change as follows:
         i. Tipping fees for garbage (per tonne):
            Municipal garbage $117
            Up to 1 tonne $151
            1 tonne to 9 tonnes $129
            9 tonnes and over $103
         ii. Generator levy at $48 per tonne (included in Tipping Fee);
   b) give first, second and third reading to Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 341, 2020; and
   c) pass and finally adopt Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 341, 2020.
2. That the GVS&DD Board receive the report dated October 9, 2020, titled “GVS&DD Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 341, 2020” and provide alternate direction to staff.

FINANCIAL IMPLICATIONS
If the Board approves Alternative 1, these changes will be effective January 1, 2021. The Metro Vancouver solid waste function operates on a cost-recovery basis, with tipping fees funding over 90% of the Solid Waste Services budget, including the operation of the regional solid waste disposal system and Metro Vancouver zero waste planning initiatives. The garbage tipping fee is based on a number of factors including anticipated volume of waste received at regional facilities and system operating costs. The value of the generator levy is based on a variety of elements and contributes to the fixed costs of the region’s transfer station network and solid waste planning (including waste reduction and recycling planning). The proposed garbage tipping fee and generator levy increases are required to balance the Solid Waste Services budget proposed for 2021.

If the Board does not approve the proposed changes to the Tipping Fee Bylaw, 2020 garbage tipping fees and the generator levy will remain in place and changes proposed in this report would not be implemented. If the garbage tipping fees and generator levy are not changed, the Solid Waste Services financial plan proposed for the next five years would need to be revised and the Solid Waste Services budget for 2021 would need to be adjusted prior to consideration by the Board.

CONCLUSION
Garbage tipping fees (including the generator levy for loads delivered to Metro Vancouver and City of Vancouver disposal facilities) are proposed to increase by $4 per tonne for all waste categories in 2021 to recover costs and balance the Solid Waste Services budget proposed for 2021.

The proposal to increase the generator levy by $6 per tonne ensures that all generators in the region contribute to the fixed costs of the region’s transfer station network and solid waste planning. Staff recommend Alternative 1, that the Board amend the Tipping Fee Bylaw.

Attachments (Orbit # 41647117)
1. GVS&DD Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw 341, 2020 - Amends Bylaw 306, 2017
2. Blackline Version Proposed Changes to GVS&DD Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017

41510263

Greater Vancouver Sewerage and Drainage District
WHEREAS:

A. The Greater Vancouver Sewerage and Drainage District ("GVS&DD") Board (the "Board") adopted the “Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017”, as amended, a Bylaw to establish a scale of fees, levies and charges for services rendered by the GVS&DD and for the use of any of the GVS&DD’s waste disposal facilities; and

B. The Board wishes to amend the “Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017”,

NOW THEREFORE the Greater Vancouver Sewerage and Drainage District Board enacts as follows:

1.0 The “Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017” (the "Bylaw") is hereby amended as follows:

1.1 Section 5.1 of the Bylaw is deleted and replaced with the following:

5.1 Every person who generates Municipal Solid Waste within the geographic area of the GVS&DD must pay the Generator Levy in the amount of $48/tonne with respect to all Municipal Solid Waste that that person generates as follows:

(a) to the GVS&DD at a Disposal Site in accordance with section 5.2;

(b) to the City of Vancouver at a Vancouver Disposal Site as part of the applicable tipping fee at those sites; or

(c) to a Waste Hauler that picks up their Municipal Solid Waste.

1.2 Table 1 of Schedule B of the Bylaw is hereby deleted and replaced with Table 1 set out in the Schedule that is attached to and forms part of this Bylaw.

2.0 The official citation for this bylaw is “Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 341, 2020”.
3.0 This bylaw comes into force and takes effect January 1, 2021.

Read a first, second and third time this ______ day of ____________________, ______.

Passed and finally adopted this ______ day of ____________________, ______.

__________________________________________
Sav Dhaliwal, Chair

__________________________________________
Chris Plagnol, Corporate Officer
## SCHEDULE

### Table 1-Tipping Fees for Garbage and Special Handle Waste (including the Generator Levy and the Disposal Rate)

<table>
<thead>
<tr>
<th>Net Weight</th>
<th>North Shore Transfer Station¹</th>
<th>Surrey Transfer Station¹</th>
<th>Coquitlam Transfer Station¹</th>
<th>Maple Ridge Transfer Station¹</th>
<th>Langley Transfer Station¹</th>
<th>Waste-to-Energy Facility¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Garbage</td>
<td>All Loads</td>
<td>$117/tonne</td>
<td>$117/tonne</td>
<td>$117/tonne</td>
<td>$117/tonne</td>
<td>$117/tonne</td>
</tr>
<tr>
<td>All Garbage other than Municipal Garbage</td>
<td>All Loads</td>
<td>$151/tonne²</td>
<td>$151/tonne²</td>
<td>$151/tonne³</td>
<td>$151/tonne²</td>
<td>$151/tonne²</td>
</tr>
<tr>
<td></td>
<td>0 to .99 tonnes</td>
<td>$129/tonne⁴</td>
<td>$129/tonne⁴</td>
<td>$129/tonne⁵</td>
<td>$129/tonne⁴</td>
<td>$129/tonne⁴</td>
</tr>
<tr>
<td></td>
<td>1.0 to 8.99 tonnes</td>
<td>$103/tonne</td>
<td>$103/tonne</td>
<td>$103/tonne</td>
<td>$103/tonne</td>
<td>$103/tonne</td>
</tr>
<tr>
<td></td>
<td>9.0 tonnes or more</td>
<td>$103/tonne</td>
<td>$103/tonne</td>
<td>$103/tonne</td>
<td>$103/tonne</td>
<td>$103/tonne</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minimum Tipping Fee for Garbage</th>
<th>Minimum Tipping Fee during Peak Hours</th>
<th>$20/Load</th>
<th>$20/Load</th>
<th>$20/Load</th>
<th>$10/Load</th>
<th>$10/Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Tipping Fee outside of Peak Hours</td>
<td>$10/Load</td>
<td>$10/Load</td>
<td>$10/Load</td>
<td>$10/Load</td>
<td>$10/Load</td>
<td></td>
</tr>
</tbody>
</table>


¹All Loads originating from Maple Ridge will be assessed an additional fee of $4/tonne.
²To a maximum of $129 per Load.
³To a maximum of $133 per Load.
⁴To a maximum of $927 per Load.
⁵To a maximum of $963 per Load.
4.6 No person shall dispose of any Loads of Toxic Plants at a Disposal Site, except that where expressly authorized by the Manager such Loads may be disposed of at the Waste to Energy Facility, double bagged and in dedicated Loads.

*Added by Bylaw 323, 2018*

4.7 Despite anything else in this Bylaw, Noxious Weeds can be disposed of as Garbage or as Green Waste.

*4.8 through 4.12 Renumbered by Bylaw 323, 2018*

4.8 No person shall dispose of Gypsum at a Disposal Site, except Gypsum that weighs less than one half tonne may be dropped off at a designated Recycling Area.

4.9 No person shall dispose of Mattresses at a Disposal Site, except that four or fewer Mattresses may be dropped off at a designated Recycling Area.

4.10 No person shall dispose of refrigerators, freezers, air conditioners, dehumidifiers, and water coolers at a Disposal Site, except that four or fewer of these types of appliances may be dropped off at a designated Recycling Area.

4.11 No person shall scavenge or salvage any Municipal Solid Waste or Recyclable Materials from a Disposal Site.

4.12 The Manager may prohibit a person who contravenes this Bylaw from disposing of Municipal Solid Waste at any Disposal Site for such period as the Manager may determine.

*Replaced by Bylaw 323, 2018*

5.0 **Levies, Rates and Charges**

5.1 Every person who generates Municipal Solid Waste within the geographic area of the GVS&DD must pay the Generator Levy in the amount of $48/tonne with respect to all Municipal Solid Waste that that person generates as follows:

(a) to the GVS&DD at a Disposal Site in accordance with section 5.2;

(b) to the City of Vancouver at a Vancouver Disposal Site as part of the applicable tipping fee at those sites; or

(c) to a Waste Hauler that picks up their Municipal Solid Waste.

5.2 Every person who disposes of Municipal Solid Waste at a Disposal Site must pay to the GVS&DD:

(a) the applicable Tipping Fees set out in Table 1 of Schedule "B";
## SCHEDULE "B"

### TIPPING FEES, TRANSACTION FEE, RECYCLING FEES AND SURCHARGES

#### Table 1 - Tipping Fees for Garbage and Special Handle Waste (including the Generator Levy and the Disposal Rate)

*Replaced by Bylaw 330, 2019; Replaced by Bylaw 323, 2018; Replaced by Bylaw 308, 2017.*

<table>
<thead>
<tr>
<th>Minimum Tipping Fee for Garbage</th>
<th>NorthShore Transfer Station¹</th>
<th>Surrey Transfer Station¹</th>
<th>Coquitlam Transfer Station¹</th>
<th>Maple Ridge Transfer Station¹</th>
<th>Langley Transfer Station¹</th>
<th>Waste-to-Energy Facility¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Loads</td>
<td>$113$117/tonne</td>
<td>$113$117/tonne</td>
<td>$113$117/tonne</td>
<td>$113$117/tonne</td>
<td>$113$117/tonne</td>
<td>$113$117/tonne</td>
</tr>
<tr>
<td>All Garbage other than Municipal Garbage</td>
<td>$142$151/tonne²</td>
<td>$125$129/tonne³</td>
<td>$99$103/tonne⁴</td>
<td>$142$151/tonne²</td>
<td>$125$129/tonne³</td>
<td>$99$103/tonne⁴</td>
</tr>
<tr>
<td>0-0.99 tonnes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.0 to 8.99 tonnes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.0 tonnes or more</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Tipping Fee outside of Peak Hours</td>
<td>$10/Load</td>
<td>$10/Load</td>
<td>$10/Load</td>
<td>$10/Load</td>
<td>$10/Load</td>
<td>$10/Load</td>
</tr>
</tbody>
</table>

¹All Loads originating from Maple Ridge will be assessed an additional fee of $4/tonne.

²To a maximum of $122$129 per Load.

³To a maximum of $129$133 per Load.

⁴To a maximum of $92$103 per Load.

⁵To a maximum of $92$103 per Load.

#### Table 2 - Transaction Fee

<table>
<thead>
<tr>
<th>Each Load of Garbage disposed of at any Disposal Site, each Load of Special Handle Waste disposed of at the Waste-to-Energy Facility, and each Load of Gypsum dropped off at a designated Recycling Area</th>
<th>$5/Load</th>
</tr>
</thead>
</table>

Consolidation of Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306

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Greater Vancouver Sewerage and Drainage District
COMMITTEE INFORMATION ITEMS AND DELEGATION SUMMARIES
Greater Vancouver Sewerage and Drainage District
Board Meeting Date – Friday, October 30, 2020

This information item, listing recent information received by committee, is provided for the GVS&DD Board’s information. Please access a complete PDF package here.

Performance and Audit Committee – October 15, 2020
   Delegation Summaries:
   No delegations presented

   Information Items:
   5.4 Semi-Annual Report on GVS&DD Development Cost Charges

Zero Waste Committee – October 16, 2020
   Delegation Summaries:
   No delegations presented

   Information Items:
   5.4 Waste Composition Program Plan
   5.5 Solid Waste Services Capital Program Expenditure Update as of August 31, 2020