

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

**REGULAR BOARD MEETING**

**Friday, November 29, 2019**

**9:00 A.M.**

**28<sup>th</sup> Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia**

[Membership and Votes](#)

**A G E N D A<sup>1</sup>**

**A. ADOPTION OF THE AGENDA**

**1. November 29, 2019 Regular Meeting Agenda**

That the GVS&DD Board adopt the agenda for its regular meeting scheduled for November 29, 2019 as circulated.

**B. ADOPTION OF THE MINUTES**

**1. November 1, 2019 Regular Meeting Minutes**

That the GVS&DD Board adopt the minutes for its regular meeting held November 1, 2019 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. LIQUID WASTE COMMITTEE REPORTS**

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<sup>1</sup> Note: Recommendation is shown under each item, where applicable. All Directors vote unless otherwise noted.

**1.1 Public Notification of Sewer Overflows and Wastewater Treatment Plant Process Interruptions**

That the GVS&DD Board approve the scope of the public notification program for sewer overflows and wastewater treatment plant process interruptions and authorize staff to proceed with the engagement process as presented in the report dated November 8, 2019, titled "Public Notification of Sewer Overflows and Wastewater Treatment Plant Process Interruptions".

**1.2 Award of Contract Resulting from Tender No. 19-212: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank**

That the GVS&DD Board:

- a) approve the award of a contract in the amount of \$60,801,000 (exclusive of taxes) to NAC Constructors Ltd. resulting from Tender No. 19-212: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank; and
- b) authorize the Commissioner and the Corporate Officer to execute the contract.

**2. ZERO WASTE COMMITTEE REPORTS**

**2.1 Recycling and Solid Waste Management 2018 Report**

That the GVS&DD Board receive for information the report dated November 8, 2019 titled "Recycling and Solid Waste Management 2018 Report".

**2.2 Solid Waste Management Plan Update**

That the GVS&DD Board:

- a) authorize initiating an update of the regional solid waste management plan; and
- b) direct staff to notify the public and First Nations of its intention to review the plan and bring an engagement plan to the Board in early 2020 in advance of initiating consultation on the plan update.

**2.3 B.C.'s Plastics Action Plan Policy Consultation Paper Feedback**

That the GVS&DD Board write to the Minister of Environment and Climate Change Strategy in response to B.C.'s Plastics Action Plan Policy consultation paper expressing support for: (i) province-wide restrictions on the sale and use of problematic single-use plastics and authority for local governments to restrict the distribution of problematic single-use items in their communities in addition to any province-wide bans; (ii) increasing materials included in the Provincial *Recycling Regulation*; and (iii) other measures to reduce plastics overall and capture more plastics.

**F. ITEMS REMOVED FROM THE CONSENT AGENDA**

**G. REPORTS NOT INCLUDED IN CONSENT AGENDA**

**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.*

That the GVS&DD Board close its regular meeting scheduled for November 29, 2019 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.”

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

**M. ADJOURNMENT/CONCLUSION**

That the GVS&DD Board adjourn/conclude its regular meeting of November 29, 2019.

**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 10:51 a.m. on Friday, November 1, 2019 in the 28<sup>th</sup> Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia.

**MEMBERS PRESENT:**

Burnaby, Chair, Director Sav Dhaliwal	Richmond, Director Malcolm Brodie
North Vancouver City, Vice Chair Director Linda Buchanan	Richmond, Director Harold Steves
Burnaby, Director Pietro Calendino	Surrey, Director Doug Elford
Burnaby, Director Mike Hurley	Surrey, Director Laurie Guerra
Coquitlam, Director Craig Hodge	Surrey, Director Jack Singh Hundial
Coquitlam, Director Richard Stewart	Surrey, Director Brenda Locke
Delta, Director George Harvie	Surrey, Director Doug McCallum
Delta, Director Bruce McDonald	Surrey, Director Allison Patton (arrived at 10:53 a.m.)
Electoral Area A, Jen McCutcheon (arrived at 10:54 a.m.)	Vancouver, Director Christine Boyle
Langley City, Director Val van den Broek	Vancouver, Director Adriane Carr
Langley Township, Director Jack Froese (arrived at 10:51 a.m.)	Vancouver, Director Melissa De Genova
Langley Township, Director Kim Richter	Vancouver, Director Lisa Dominato
Maple Ridge, Director Mike Morden	Vancouver, Alternate Director Pete Fry for Kennedy Stewart
New Westminster, Director Jonathan Coté	Vancouver, Director Colleen Hardwick
North Vancouver District, Director Lisa Muri	Vancouver, Director Michael Wiebe (arrived at 10:54 a.m.)
Pitt Meadows, Director Bill Dingwall	West Vancouver, Director Mary-Ann Booth
Port Coquitlam, Director Brad West	White Rock, Director Darryl Walker
Port Moody, Alternate Director Hunter Madsen for Rob Vagramov	Commissioner Carol Mason (Non-voting member)

**MEMBERS ABSENT:**

None

**STAFF PRESENT:**

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

**A. ADOPTION OF THE AGENDA**

**1. November 1, 2019 Regular Meeting Agenda**

**It was MOVED and SECONDED**

That the GVS&DD Board adopt the agenda for its regular meeting scheduled for November 1, 2019 as circulated.

**CARRIED**

10:51 a.m. Director Froese arrived at the meeting.

**B. ADOPTION OF THE MINUTES**

**1. October 4, 2019 Regular Meeting Minutes**

**It was MOVED and SECONDED**

That the GVS&DD Board adopt the minutes for its regular meeting held October 4, 2019 as circulated.

**CARRIED**

**2. October 23, 2019 Metro Vancouver Board Budget Meeting Minutes**

**It was MOVED and SECONDED**

That the GVS&DD Board adopt the minutes for the joint meeting of the MVRD, MVHC, GVWD and GVS&DD Boards held October 23, 2019, 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 recommendation contained in the following item presented in the November 1, 2019 GVS&DD Board Consent Agenda:

- 1.1 Iona Island Wastewater Treatment Plant Project – Community Engagement Process

**CARRIED**

The item and recommendation referred to above is as follows:

**1.1 Iona Island Wastewater Treatment Plant Project – Community Engagement Process**

Report dated October 1, 2019 from Tom Sadleir, Program Manager, Community Engagement, Liquid Waste Services, seeking authorization to complete the community engagement process in support of the Iona Island Wastewater Treatment Plant Project Definition Phase.

*Recommendation:*

That the GVS&DD Board authorize staff to complete the community engagement process, as presented in the report dated October 1, 2019, titled “Iona Island Wastewater Treatment Plant Project – Community Engagement Process”.

*Adopted on Consent*

**F. ITEMS REMOVED FROM THE CONSENT AGENDA**

No items presented.

**G. REPORTS NOT INCLUDED IN CONSENT AGENDA**

**1.1 Cost Apportionment Bylaw Amendment – Allocation of Costs for Tertiary Treatment**

Report dated October 4, 2019 from Peter Navratil, General Manager, Liquid Waste Services and Dean Rear, General Manager, Financial Services/Acting Chief Financial Officer, presenting proposed amendments to the *Greater Vancouver Sewerage and Drainage District Cost Apportionment Bylaw No. 283, 2014* for the allocation of tertiary treatment as a third tier for cost sharing, and seeking adoption of *Greater Vancouver Sewerage and Drainage District Cost Apportionment Amending Bylaw No. 331, 2019*.

10:53 a.m. Director Patton arrived at the meeting.

10:54 a.m. Directors McCutcheon and Wiebe arrived at the meeting.

**Main Motion**

**It was MOVED and SECONDED**

That the GVS&DD Board:

- a) approve the amendments to the *Greater Vancouver Sewerage and Drainage District Cost Apportionment Bylaw No. 283, 2014* for the allocation of charges for tertiary treatment; and
- b) give first, second and third reading to *Greater Vancouver Sewerage and Drainage District Cost Apportionment Amending Bylaw No. 331, 2019*.

A member requested additional information on the history of tertiary cost-sharing in the region and its impact on the sewerage areas.

### **Deferral Motion**

#### **It was MOVED and SECONDED**

That the GVS&DD Board defer consideration of *Greater Vancouver Sewerage and Drainage District Cost Apportionment Bylaw No. 283, 2014* to a future meeting and request staff report back with information on the history of tertiary cost sharing among GVS&DD area members.

**DEFEATED**

### **Question on the Main Motion**

Question was then called on the Main Motion and it was

**CARRIED**

Director Richter voted in the negative.

#### **It was MOVED and SECONDED**

That the GVS&DD Board pass and finally adopt *Greater Vancouver Sewerage and Drainage District Cost Apportionment Amending Bylaw No. 331, 2019*.

**CARRIED**

Director Richter voted in the negative.

### **2.1 Proposed Amendments to GVS&DD Cost Apportionment Bylaw No. 283, 2014 – Village of Anmore**

Report dated October 10, 2019 from Peter Navratil, General Manager, Liquid Waste Services and Dean Rear, General Manager, Financial Services/Acting Chief Financial Officer, seeking first, second and third reading of *Greater Vancouver Sewerage and Drainage District Cost Apportionment Amending Bylaw No. 332, 2019*.

#### **It was MOVED and SECONDED**

That the GVS&DD Board give first, second and third reading to *Greater Vancouver Sewerage and Drainage District Cost Apportionment Amending Bylaw No. 332, 2019*.

**CARRIED**

### **2.2 Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amending Bylaw No. 329, 2019 – Fraser Sewerage Area – 7969 Highway 91 Connector, Delta**

Report dated October 8, 2019 from Brent Burton, Division Manager, Policy, Planning and Analysis, Liquid Waste Services, seeking GVS&DD Board adoption of *Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amending Bylaw No. 329, 2019* to include the MK Delta Lands located at 7969 Highway 91 Connector in the City of Delta within the Fraser Sewerage Area.

**It was MOVED and SECONDED**

That the GVS&DD Board give first, second and third reading to the *Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amending Bylaw No. 329, 2019*.

**CARRIED**

**It was MOVED and SECONDED**

That the GVS&DD Board pass, and finally adopt the *Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amending Bylaw No. 329, 2019*.

**CARRIED**

**3.1 GVS&DD Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 330, 2019**

Report dated October 11, 2019 from Allen Jensen, Project Engineer, Solid Waste Services, proposing amendments to *Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017* for garbage tipping fees and recycling fee for source-separated organic waste, green waste and clean wood, and seeking adoption of *Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 330, 2019*.

**It was MOVED and SECONDED**

That the GVS&DD Board:

- a) approve the following amendments to the Tipping Fee Bylaw effective January 1, 2020:
  - i. Tipping fees to change as follows:
    - i. Tipping fees for garbage (per tonne):

Municipal garbage	\$113
Up to 1 tonne	\$147
1 tonne to 9 tonnes	\$125
9 tonnes and over	\$99
    - ii. Recycling fee for source-separated organic waste, green waste and clean wood change to \$100 per tonne;
  - ii. Recycling fee for source-separated organic waste, green waste and clean wood change to \$100 per tonne;
- b) give first, second and third reading to *Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 330, 2019*.

**CARRIED**

**It was MOVED and SECONDED**

That the GVS&DD Board pass and finally adopt *Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 330, 2019*.

**CARRIED**



**4.1 GVS&DD 2020 Budget and 2020 - 2024 Financial Plan**

Report dated October 24, 2019 from Dean Rear, General Manager, Financial Services/Acting Chief Financial Officer, presenting the 2020 GVS&DD Annual Budget for Liquid Waste Services and Solid Waste Services for approval and the GVS&DD 2020 – 2024 Financial Plan for endorsement.

**It was MOVED and SECONDED**

That the GVS&DD Board:

- a) approve the 2020 Annual Budget and endorse the 2020 - 2024 Financial Plan as shown in Attachment 1 of the report dated October 24, 2019, titled “GVS&DD 2020 Budget and 2020 - 2024 Financial Plan”, in the following schedules:
  - Revenue and Expenditure Summary
  - Liquid Waste Services
  - Capital Programs Project Totals – Liquid Waste Services
  - Solid Waste Services
  - Capital Programs Project Details – Solid Waste Services
- b) approve the 2020 Reserve Applications as shown in Attachment 2 of the report dated October 24, 2019, titled “GVS&DD 2020 Budget and 2020 - 2024 Financial Plan”.

**CARRIED**

Director Richter voted in the negative.

**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 Delegation Summaries, dated November 1, 2019.

**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 November 1, 2019 pursuant to the *Community Charter* provisions, Section 90 (1) (e), (g) and (k) 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;
- (g) litigation or potential litigation affecting the regional district; and
- (k) negotiations and related discussions respecting the proposed provision of a regional district service that are at their preliminary stages and that, in the view of the board or committee, could reasonably be expected to harm the interests of the regional district if they were held in public.”

**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 November 1, 2019.

**CARRIED**

(Time: 11:01 a.m.)

CERTIFIED CORRECT

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Chris Plagnol, Corporate Officer

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Sav Dhaliwal, Chair

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To: Liquid Waste Committee

From: Tom Sadleir, Program Manager, Community Engagement, Liquid Waste Services

Date: November 8, 2019 Meeting Date: November 14, 2019

Subject: **Public Notification of Sewer Overflows and Wastewater Treatment Plant Process Interruptions**

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**RECOMMENDATION**

That the GVS&DD Board approve the scope of the public notification program for sewer overflows and wastewater treatment plant process interruptions and authorize staff to proceed with the engagement process as presented in the report dated November 8, 2019, titled “Public Notification of Sewer Overflows and Wastewater Treatment Plant Process Interruptions”.

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**PURPOSE**

To seek approval of the scope of the public notification program for sewer overflows and wastewater treatment plant process interruptions and authorize staff to proceed with an engagement process.

**BACKGROUND**

On September 11, 2019, the BC Minister of Environment and Climate Change Strategy wrote to MVRD Board Chair and Directors regarding Metro Vancouver’s request to extend the review cycle timeline for the GVS&DD *Integrated Liquid Waste and Resource Management Plan* by two years (Attachment 1). In granting the extension, the Minister imposed seven conditions, one of which was that Metro Vancouver “develop a system to notify the public, in real time, of sewer overflows and wastewater treatment interruptions” by October 30, 2020.

This report outlines the scope for an engagement process to gather feedback that will be used to shape the public notification program for sewer overflows and wastewater treatment plant (WWTP) process interruptions.

**Sewer Overflows and Wastewater Treatment Plant Process Interruptions**

The Metro Vancouver *Board Strategic Plan* directs staff to manage the liquid waste system in a manner that protects public health and the environment. Liquid Waste Services strives to achieve this mandate through the conveyance and treatment of the region’s wastewater, however, discharges of untreated wastewater into regional water bodies are sometimes unavoidable mostly due to insufficient system capacity during wet weather, power outages, and the legacy of combined sewer systems.

**Current Reporting**

Sanitary sewer overflows (SSOs), dry weather combined sewer overflows (CSOs) and WWTP process interruption-related discharges are currently reported to government agencies and member municipalities. Measured volumes of wet weather CSOs, along with information on all discharges, are reported annually on Metro Vancouver’s web site.

### **Work to Date**

Over the past few years, Metro Vancouver has conducted extensive environmental modelling, simulations and monitoring to assess the impact of SSOs and WWTP process interruptions, and has identified approximately 200 potentially impacted water users (commercial, industrial and agricultural water users, First Nations and parks with water access).

### **Phased Approach to Public Notification**

Metro Vancouver's liquid waste system annually experiences approximately five WWTP process interruptions and 30 - 80 SSOs.

Metro Vancouver will notify the public in real time of sewer overflows and WWTP process interruptions. The tool for real time notification will be developed in the following phases:

#### Phase 1

Metro Vancouver will notify potentially impacted water users, identified in the work to date, of SSOs and WWTP process interruptions in their area in real time, via automated emails similar to the way regulatory agencies and municipalities are currently notified.

#### Phase 2

Metro Vancouver will notify the broader public of SSOs and WWTP process interruptions through the development of an online real time occurrence map, similar to the map developed by [King County/Seattle, Washington](#).

#### Phase 3

Metro Vancouver will address the public notification of CSOs in collaboration with staff from member municipalities, regional health authorities and the Ministry of Environment and Climate Change Strategy.

All public notification mechanisms will be developed by Liquid Waste Services, IT and External Relations.

### **ENGAGEMENT AND COMMUNICATION PROCESS**

The objectives of the engagement and communication process supporting the public notification of sewer overflows and WWTP process interruptions are to:

- Create public awareness about liquid waste management in the region, sewer overflows and WWTP process interruptions, and why they happen
- Work with municipalities and health authorities to address public concerns related to sewer overflows and WWTP interruptions
- Inform the public about Metro Vancouver's ongoing work to prevent overflows

### **Activities and Timing**

The following activities and timing by phase, are proposed to execute the objectives of the engagement and communications process:

Activity	Purpose	Timing
PHASE 1		
Letters/emails to potentially impacted water users	To introduce the targeted SSO and WWTP process interruption notification program, invite to attend an information session.	Q1 2020
Information sessions with potentially impacted water users (organized by geographic area: Burrard Inlet, Fraser River, Boundary Bay)	To provide context about the need for developing the public notification program	Q1 2020
Provide automated emails to potentially impacted water users	To inform potentially impacted water users when SSOs and WWTP process interruptions occur in their area	Q2 2020
PHASE 2		
Facebook posts, tweets, website home page article	To inform the broader public of a new real-time event occurrence map and invite interested parties for comments	Q2 2020
Launch real-time sewer overflow and WWTP process interruption occurrence map on Metro Vancouver website	To inform interested parties when SSOs and WWTP process interruptions occur	Q2/Q3 2020
PHASE 3		
Host workshop with municipalities, health authorities and the Ministry of Environment and Climate Change Strategy	To solicit input and develop a common approach to public notification of CSOs	Q2 2020

## ALTERNATIVES

1. That the Board approve the scope of the public notification of sewer overflow and wastewater treatment plant process interruptions and authorize staff to proceed with the engagement process as presented in the report dated November 8, 2019, titled "Public Notification of Sewer Overflows and Wastewater Treatment Plant Process Interruptions".
2. That the Board receive for information the report dated November 8, 2019, titled "Public Notification of Sewer Overflows and Wastewater Treatment Plant Process Interruptions" and provide alternate direction.

Staff recommend Alternative 1.

## **FINANCIAL IMPLICATIONS**

If the Board authorizes staff to proceed with the public notification program and engagement process, initial planning, the engagement and communication plan, and program start-up, those activities will be covered by the 2019 and 2020 Liquid Waste Services operating budget. The dedicated staff resources needed to maintain the program in the longer term if necessary, will be identified and confirmed through the 2021 budget planning process.

## **SUMMARY / CONCLUSION**

On September 11, 2019, the BC Minister of Environment and Climate Change Strategy wrote to MVRD Board Chair and Directors regarding Metro Vancouver's request to extend the review cycle timeline for the GVS&DD Integrated Liquid Waste and Resource Management Plan by two years. In granting the extension, the Minister imposed seven conditions, one of which was that Metro Vancouver "develop a system to notify the public, in real time, of sewer overflows and wastewater treatment interruptions" by October 30, 2020.

Staff has developed a phased approach to the public notification of sewer overflows and WWTP process interruptions: During Phase 1: Metro Vancouver will notify approximately 200 potentially impacted water users, identified in work to date, of SSOs and WWTP process interruptions in their area in real time, via automated emails similar to the way agencies and municipalities are currently notified; In Phase 2: Metro Vancouver will notify the broader public of SSOs and WWTP process interruptions through the development of an online real time occurrence map, similar to the map developed by [King County/Seattle, Washington](#). And finally in Phase 3: Metro Vancouver will address the public notification of CSOs in collaboration with staff from member municipalities, regional health authorities and the Ministry of Environment and Climate Change Strategy.

An engagement and communication process has been developed to support the public notification program, including: an information session for potentially impacted water users (Phase 1); social media and online communications (Phase 2); and, a workshop with municipal staff, health authorities and the Ministry of Environment and Climate Change Strategy (Phase 3).

## **Attachment**

1. Letter from the Minister of Environment and Climate Change Strategy to MVRD Chair and Directors – re: ILWRMP Extension, dated September 11, 2019

33161596



Reference: 346762  
X-Ref: 10400-60 LWMP Metro Vancouver

SEP 11 2019

Sav Dhaliwal, Chair  
and Directors  
Metro Vancouver Regional District  
4730 Kingsway  
Burnaby BC V5H 0C6

Dear Chair Dhaliwal and Directors:

I am writing to follow up on my email of December 11, 2018, regarding an amendment of the Greater Vancouver Sewerage and Drainage District (GVS&DD) Integrated Liquid Waste and Resource Management Plan (ILWRMP) to extend the plan review cycle timeline by two years, to 2021.

I am satisfied that the public notification is adequate to support an amendment to your ILWRMP. Pursuant to Section 24(5) of the *Environmental Management Act*, I hereby approve the amendment to extend the review cycle of the ILWRMP from eight to ten years (to be initiated in 2021), subject to the condition that the GVS&DD work with ministry staff to address the following actions:

1. Develop approaches to involve and collaborate with local Indigenous Peoples for the development and implementation of the ILWRMP.
2. Refresh terms of reference for the Environmental Monitoring Committee (EMC). This would include, but is not limited to, a review of the mandate and objectives, membership, roles and responsibilities, meeting frequency and revisiting how monitoring programs are designed, reviewed, implemented and amended.
3. Review the membership of the Stormwater Interagency Liaison Group and consider including municipal members in leadership positions. Seek comments and advice from the EMC regarding initial adaptive management framework reports associated with municipal integrated stormwater management plans.
4. Submit one comprehensive report for each of the GVS&DD receiving water bodies (Fraser River, Burrard Inlet, Boundary Bay and the Strait of Georgia). The terms of reference should be developed in consultation with ministry staff prior to completing each report.

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5. Promote transparency by ensuring that data and summary receiving environment and ambient monitoring reports for each of the GVS&DD receiving water bodies are made accessible to the public at an appropriate level of complexity.
6. Develop a system to notify the public, in real time, of sewer overflows and wastewater treatment interruptions.
7. Prepare a comprehensive plan for the review of the ILWRMP that defines the scope of the review and how GVS&DD addressed the conditions of the May 30, 2011, Ministerial approval letter.

These actions must be completed to the satisfaction of the Director, *Environmental Management Act*, no later than October 30, 2020.

Approval of the ILWRMP does not authorize entry upon, crossing over or use for any purposes of private or crown lands or works, unless and except as authorized by the owner of such lands or works. The responsibility for obtaining such authority shall rest with the local government. This ILWRMP is approved pursuant to the provisions of the *Environmental Management Act*, which asserts it is an offence to discharge waste without proper authorization. It is also GVS&DD's and member municipalities responsibility to ensure that all activities conducted under this ILWRMP are carried out with regard to the rights of third parties and comply with other applicable legislation that may be in force.

Sincerely,



George Heyman  
Minister

cc: AJ Downie, Director, Authorizations – South, Environmental Protection Division,  
Ministry of Environment and Climate Change Strategy



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To: Liquid Waste Committee

From: Roy Moulder, Director, Purchasing and Risk Management, Financial Services  
Paul Wilting, Program Manager, Northwest Langley Treatment Projects, Project Delivery, Liquid Waste Services

Date: October 25, 2019 Meeting Date: November 14, 2019

Subject: **Award of Contract Resulting from Tender No. 19-212: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank**

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**RECOMMENDATION**

That the GVS&DD Board:

- a) approve the award of a contract in the amount of \$60,801,000 (exclusive of taxes) to NAC Constructors Ltd. resulting from Tender No. 19-212: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank; and
  - b) authorize the Commissioner and the Corporate Officer to execute the contract.
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**PURPOSE**

This report is to advise the GVS&DD Board of the results of Tender No. 19–212: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank, and to recommend award of the contract in the amount of \$60,801,000 (exclusive of taxes).

**BACKGROUND**

Pursuant to the *GVS&DD Officers and Delegation Bylaw No. 284, 2014* (Bylaw) and the *Procurement and Real Property Contracting Authority Policy* (Policy), procurement contracts which exceed a value of \$5 million require the approval of the Board of Directors.

This report is being brought forward to the Liquid Waste Committee to consider a recommendation to the GVS&DD Board to authorize the award of a contract for the Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank.

**PROJECT DESCRIPTION**

The proposed Golden Ears Pump Station and Sanitary Sewer Overflow Storage Tank has been designed for two purposes: reduce sanitary sewer overflows (SSO) in the area, and to pump sewage from Maple Ridge and Pitt Meadows to the new wastewater treatment plant in the northwest corner of the Township of Langley.

The North Surrey/Maple Ridge interceptor systems have a chronic sanitary sewer overflow (SSO) issue, which is getting worse as the area develops. Hydraulic modelling indicates that a new pump station and SSO tank to store peak flows, will reduce or eliminate SSO's. During heavy rain, when the sewer capacity is exceeded, the pump station will pump the excess wastewater into the tank. As soon as capacity in the downstream system is available, sewage will be pumped to the Annacis Island WWTP for treatment.

The pump station has also been designed to convey wastewater flows from Pitt Meadows and Maple Ridge to the new Northwest Langley Wastewater Treatment Plant and replace the existing Katzie Pump Station. The proposed construction will see the building envelope constructed, however only the pumps to fill the SSO tank will be installed at this time. In 2026 as the treatment plant is nearing completion, the pumps needed to convey wastewater across the river will be installed along with the related electrical and control equipment.

The new pump station and storage tank will be located at the north end of the Golden Ears Bridge, immediately south of the existing Katzie Pump Station (see attached rendering “Golden Ears Pump Station and Storage Tank”).

As a result of Request for Qualifications No. 19-117: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank, that was publicly advertised on Metro Vancouver’s and BC Bid websites, four experienced firms were shortlisted and invited to respond to Tender No. 19-212, for construction services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank. The tender closed on October 24, 2019 and the following firms submitted tenders:

<b>Proponent</b>	<b>Tender Price (exclusive of taxes)</b>
NAC Constructors Ltd.	\$60,801,000
PCL Constructors Westcoast Inc.	\$66,431,818
Graham Infrastructure LP.	\$70,207,227
AECOM Water Infrastructure Inc.	\$90,975,600

The bids were reviewed for completeness by members of the engineering project team and Purchasing and Risk Management Division. NAC Constructors Ltd. has been identified as the lowest compliant bid.

#### **ALTERNATIVES**

- 1) That the GVS&DD Board:
  - a) approve the award of a contract in the amount of \$60,801,000 (exclusive of taxes) to NAC Constructors Ltd. resulting from Tender No. 19-212: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank; and
  - b) authorize the Commissioner and the Corporate Officer to execute the contract.
- 2) That the GVS&DD Board terminate Tender No. 19-212: Construction Services for Golden Ears Pump Station and Sanitary Sewer Overflow Tank and direct staff to report back to the GVS&DD Board with options for an alternate course of action.

#### **FINANCIAL IMPLICATIONS**

If the GVS&DD Board approves Alternative 1, a contract will be awarded to NAC Constructors Ltd. in the amount of \$60,801,000 (exclusive of taxes). The tender submitted by NAC Constructors Ltd. is the lowest compliant bid and is within the budget allocated for the project.

The GVS&DD Board has the choice not to proceed with Alternative 1, but staff will need further direction in relation to completion of the project. Alternative 2 will impede the corporation's ability to reduce sanitary sewer overflows into the Fraser and SSO's will continue at current levels.

**SUMMARY / CONCLUSION**

As part of the Northwest Langley Treatment Projects, Tender No. 19-212 was issued for construction of a pump station and sanitary sewer overflow storage tank. NAC Constructors Ltd. was identified as the lowest compliant bid. It is recommended that the GVS&DD Board authorize the Commissioner and Corporate Officer to award and execute a contract to NAC Constructors Ltd. in the amount of \$60,801,000 (excluding taxes).

**Attachment**

1. Golden Ears Pump Station and Sanitary Sewer Overflow Tank

33041725

## Golden Ears Pump Station and Storage Tank



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To: Zero Waste Committee

From: Adriana Velázquez, Project Engineer, Solid Waste Services  
Maria Lo, Assistant Project Engineer, Solid Waste Services

Date: November 8, 2019 Meeting Date: November 15, 2019

Subject: **Recycling and Solid Waste Management 2018 Report**

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**RECOMMENDATION**

That the GVS&DD Board receive for information the report dated November 8, 2019 titled “Recycling and Solid Waste Management 2018 Report”.

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**PURPOSE**

The purpose of this report is to update the Zero Waste Committee and Board on the overall reduction, recycling and disposal of municipal solid waste from the Metro Vancouver region in 2018.

**BACKGROUND**

Metro Vancouver collects reuse, recycling and disposal data throughout the year and prepares an annual summary of these municipal solid waste quantities in the region. Municipal solid waste includes waste generated from residents, commercial/institutional businesses, and construction & demolition activity, but does not include industrial waste or agricultural waste. The data is typically provided at the end of year for the previous year because the data is assembled from various sources including private facilities, Extended Producer Responsibility agencies and others. Annual reporting of waste management data allows Metro Vancouver to track progress towards its waste reduction goals.

**ANNUAL SUMMARY****ISWRMP Targets**

The overriding principle of the *Integrated Solid Waste and Resource Management Plan* (ISWRMP) is the avoidance of waste through an aggressive waste reduction campaign and through the recovery of materials and energy from the waste that remains. In line with this principle, the ISWRMP outlines targets for waste reduction and diversion of materials from disposal. For waste reduction, ISWRMP includes a target for Metro Vancouver to reduce the quantity of waste generated per capita within the region to 90% or less of 2010 waste generation by 2020, using a 5-year rolling average. For waste diversion from disposal, ISWRMP outlines a target of 80% diversion by 2020 and 70% diversion by 2015.

**Diversion**

Waste diversion is calculated using the amount of material recycled as a fraction of the total amount of material generated. Metro Vancouver’s target is 80% diversion. In 2018, approximately 64% of all material was diverted. This is 1% higher than the 63% diverted in 2017. As shown in the table below, the single family diversion rate for 2018 is 64%, the multi-family rate is 37%, the commercial/institutional rate is 46% and the construction & demolition sector rate is 78%.

The table shows the multi-family rate increasing and the commercial/institutional sector decreasing. The combined diversion rate of multi-family and commercial/institutional waste decreased by 1%. Waste and recyclables from the multi-family and commercial/institutional sectors are typically combined in collection, disposal and processing. The relative change between the sectors is a result of an update to the calculation methodology. The increased recycling rate in the construction & demolition sector is due to increased concrete recycling.

Metro Vancouver has limited regulatory tools to encourage diversion in the commercial/institutional and multi-family sectors. Metro Vancouver's recently proposed solid waste regulatory updates would increase transparency and accountability in these sectors as well as the construction & demolition sector, and encourage more waste diversion.

WASTE SECTOR		DISPOSED (tonnes)		RECYCLED (tonnes)		DIVERSION RATE (%)		
		2017	2018	2017	2018	2017	2018	% change
Residential	tonnes	501,476	494,048	581,081	585,565	54%	54%	0%
	tonnes/capita	0.19	0.19	0.22	0.22			
Single Family	tonnes	270,578	256,824	477,832	447,639	64%	64%	0%
Multi-Family	tonnes	230,898	237,224	103,249	137,926	31%	37%	6%
Commercial/ Institutional	tonnes	389,729	397,021	385,553	337,283	50%	46%	-4%
	tonnes/capita	0.15	0.15	0.15	0.13			
Construction & Demolition	tonnes	399,965	391,683	1,267,420	1,394,202	76%	78%	2%
Total	tonnes	1,291,169	1,282,752	2,234,055	2,317,050	63%	64%	1%
	tonnes/capita	0.49	0.48	0.86	0.87			
	tonnes/ household	1.31	1.28	2.27	2.32			

## Waste Reduction

Waste reduction can be quantified by estimating changes in waste generation over time. Waste generation includes all material that is either recycled or disposed. In 2018, waste generation was calculated using municipal surveys, weigh scale data, private waste facility data and reports from Extended Producer Responsibility organizations. Total waste generation in 2018 was approximately 3.6 million tonnes, or 1.36 tonnes/capita. Using the 5-year rolling average methodology outlined in the ISWRMP, this represents 90% of 2010 levels, and meets the reduction target identified in the ISWRMP.

## Reuse

Metro Vancouver quantifies materials that are reused, rather than recycled or disposed, using data from the second hand clothing industry, hospitality sector, food rescue organizations, online marketplace and other common reuse stakeholders. Reuse has increased from approximately 82,000 tonnes in 2017 to approximately 88,100 tonnes in 2018. This metric was new in 2017, and is being refined over time. Reuse tonnage is not included in the waste diversion calculations for the region.



## **Recycling**

In 2018, approximately 2.3 million tonnes of material was recycled. The most commonly recycled materials were concrete (approximately 830,000 tonnes), yard and food waste (approximately 430,000 tonnes), and paper fibre (approximately 280,000 tonnes). Recycling has increased from 0.86 tonnes/capita in 2017 to 0.87 tonnes/capita in 2018.

## **Disposal**

Municipal solid waste from residential and commercial/institutional sources was disposed at the Vancouver Landfill, the Metro Vancouver Waste-to-Energy Facility, and two remote landfills under contract to Metro Vancouver. Construction & demolition waste was disposed at the Vancouver Landfill and private licensed facilities. In 2018, an estimated 1.3 million tonnes or 0.48 tonnes per capita were disposed. This is slightly lower than the 0.49 tonnes per capita disposed in 2017.

## **ALTERNATIVES**

This is an information report. No alternatives are presented.

## **FINANCIAL IMPLICATIONS**

Metro Vancouver's waste reduction and diversion initiatives are implemented within the annual budget for the Solid Waste Services department.

## **SUMMARY / CONCLUSION**

In 2018, residents, commercial/institutional businesses, and construction & demolition activity generated an estimated 3.6 million tonnes of municipal solid waste in Metro Vancouver, of which 64% (2.3 million tonnes) was diverted from disposal. The ISWRMP has a target of 80% diversion by 2020. Concrete, yard and food waste, and paper fibre represented the largest quantities of recycled materials. The remaining 1.3 million tonnes of waste was sent to disposal. Waste generation is at 90% of 2010 levels, which meets the ISWRMP target for waste reduction. Regulatory tools proposed by Metro Vancouver would increase transparency and accountability and encourage more waste diversion. This report will be shared with the Ministry of Environment and Climate Change Strategy along with member jurisdictions.

The detailed information used to generate this report is available online at Metro Vancouver's website with the link included as a reference to this report.

## **Reference**

[Recycling and Solid Waste Management 2018 Report](#)

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To: Zero Waste Committee

From: Sarah Evanetz, Division Manager Solid Waste Programs and Public Involvement,  
Solid Waste Services

Date: November 8, 2019 Meeting Date: November 15, 2019

Subject: **Solid Waste Management Plan Update**

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**RECOMMENDATION**

That the GVS&DD Board:

- a) authorize initiating an update of the regional solid waste management plan; and
  - b) direct staff to notify the public and First Nations of its intention to review the plan and bring an engagement plan to the Board in early 2020 in advance of initiating consultation on the plan update.
- 

**PURPOSE**

To seek GVS&DD Board authorization to initiate updating the regional solid waste management plan.

**BACKGROUND**

The provincial *Environmental Management Act* requires regional districts to develop plans for the management of municipal solid waste and recyclable materials that are subject to approval by the Minister of Environment and Climate Change Strategy. Provincial guidelines recommend that on or before the 10-year anniversary of the current plan's approval, regional district boards approve initiating a plan review. Metro Vancouver's *Integrated Solid Waste and Resource Management Plan* was approved by the Minister of Environment in July 2011, and is due for an update.

The purpose of this report is to seek authorization to initiate updating the solid waste management plan and to seek authority to notify the public, First Nations and other stakeholders that the process of updating the solid waste management plan is commencing.

**SOLID WASTE MANAGEMENT PLAN UPDATE**

Metro Vancouver has developed three previous solid waste management plans in 1985, 1995 and most recently in 2011. The current plan includes an aspirational target of achieving an 80% diversion rate by 2020 and focuses on 4 goals including: minimize waste generation, maximize reuse, recycling and material recovery, recover energy from the waste stream after material recycling and dispose of all remaining waste in landfill, after material recycling and energy recovery.

In the nine years since Metro Vancouver's *Integrated Solid Waste and Resource Management Plan* was approved, while not achieving all of the targets in the plan, the region has progressed substantially towards its Zero Waste and circular economy goals and is recognized as a North American leader in waste diversion and recycling. In calendar 2018, the diversion rate was 64%. The single family and construction and demolition sectors have higher diversion rates than the multi-family and commercial/institutional sectors.



An updated plan will build on the strengths of the current plan and identify opportunities for accelerated waste reduction and diversion, while reducing greenhouse gases and promoting a circular economy. Themes such as climate action, regional growth, innovation, financial sustainability, system stewardship and collaboration will be central to the process. Metro Vancouver will work closely with other levels of government to ensure linkages and alignment with other plans and initiatives such as CleanBC, member municipalities' waste reduction initiatives, adjacent regional district solid waste management plans and Metro Vancouver's *Board Strategic Plan, Metro 2050, Climate 2050* and *Clean Air Plan*, among others.

The Solid Waste Services' 2020-2024 Financial plan projects that plan development will be completed by 2022 or 2023, a timeline similar to the development of previous solid waste management plans.

### **Provincial Guidelines for Solid Waste Management Planning**

To ensure alignment with provincial priorities and expectations for solid waste management plan updates, Metro Vancouver intends to follow the provincial recommendations for solid waste management planning as described in the document *A Guide to Solid Waste Management Planning*. The guide outlines the following steps for planning and consultation:

- Step 1 – Initiate the Planning Process
  - Establish teams and committees
  - Design the consultation process
  - Develop the budget
- Step 2 – Set the Plan Direction
  - Identify principles, goals and targets
  - Address current solid waste management system
  - Consider trends affecting solid waste management
  - Consult the public
- Step 3 – Evaluate Options
  - Develop potential strategies
  - Assess implications
  - Consult the public and stakeholders
- Step 4 – Prepare and Adopt the Plan
  - Consult the public and stakeholders on draft plan
  - Ministry review and approval

### **Technical Studies**

A number of research and technical studies are planned to support the development of an updated solid waste management plan for Metro Vancouver. Metro Vancouver regularly collects and analyses data on the state of waste reduction, reuse, recycling and disposal in the region and reports annually on progress, in addition to biennial reporting on progress against the goals and strategies in the *Integrated Solid Waste and Resource Management Plan*. These existing reports provide baseline

information and data on the current state of the regional solid waste management system. New studies are planned in the following areas:

- Regional Solid Waste System Assessment (including regional transfer station assessment)
- Circular Economy and Waste Reduction
- Recycling Economic and Environmental Benefits and Opportunities

Details of these studies will be communicated to the Zero Waste Committee and Board as the studies progress.

### **Engagement Process**

Metro Vancouver is committed to engaging with the public, industry, adjacent regional districts and other levels of government, including First Nations, that have the potential to be impacted by the solid waste management plan, and will incorporate feedback received into the plan.

Staff will report back to the Board in early 2020 with an engagement plan that will provide details about the activities, participants and timelines for the engagement process. The engagement will be conducted in accordance with the *Board Policy on Public Engagement* and will include targeted tactics to ensure input is received about the varied needs and demands of the region. In designing the engagement plan, staff will consider the level of impact on the entire community and specific stakeholders or community groups, including those facing barriers to participation and whose views are under-represented. Metro Vancouver will look to an independent engagement process expert to review and report out on all phases of plan development to ensure the consultation is robust and adequate, and feedback is received from a variety of stakeholders.

Metro Vancouver will also be sharing information and engaging with First Nation communities on this plan update. A separate First Nations engagement plan will be developed and implemented.

### **ALTERNATIVES**

1. That the GVS&DD Board:
  - a) authorize initiating an update of the regional solid waste management plan; and
  - b) direct staff to notify the public and First Nations of its intention to review the plan and bring an engagement plan to the Board in early 2020 in advance of initiating consultation on the plan update.
2. That the Zero Waste Committee receive for information the report dated November 8, 2019 titled “Solid Waste Management Plan Update” and provide alternate direction to staff.

### **FINANCIAL IMPLICATIONS**

If the Board approves Alternative 1 and authorizes initiating a solid waste management plan update process, staff will notify the public and First Nations that a plan update is being initiated and report back to the Board with an engagement plan for the Board’s consideration.

Under Alternative 2, the Committee and Board may wish to provide alternate direction related to initiating a review of the solid waste management plan.

## **SUMMARY / CONCLUSION**

Metro Vancouver's *Integrated Solid Waste and Resource Management Plan*, approved by the Minister of Environment in 2011 is due for an update. An updated plan will build on the strengths of the current plan and identify opportunities for accelerated waste reduction and diversion, while reducing greenhouse gases and promoting a circular economy. The Solid Waste Services' 2020-2024 Financial Plan projects that the plan review will be completed by 2022 or 2023. Staff will report back to the Board in early 2020 with an engagement plan that provides details about the activities, participants and timelines for the engagement process. Staff recommend Alternative 1 that the Board approve initiating a review of the region's solid waste management plan and notify First Nations, the public and stakeholders that the plan update is commencing.

## **Reference**

[Metro Vancouver Integrated Solid Waste and Resource Management Plan](#)

33339404

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To: Zero Waste Committee

From: Sarah Evanetz, Division Manager Programs and Public Involvement,  
Solid Waste Services  
Karen Storry, Senior Project Engineer, Solid Waste Services

Date: November 8, 2019 Meeting Date: November 15, 2019

Subject: **B.C.'s Plastics Action Plan Policy Consultation Paper Feedback**

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**RECOMMENDATION**

That the GVS&DD Board write to the Minister of Environment and Climate Change Strategy in response to B.C.'s Plastics Action Plan Policy consultation paper expressing support for: (i) province-wide restrictions on the sale and use of problematic single-use plastics and authority for local governments to restrict the distribution of problematic single-use items in their communities in addition to any province-wide bans; (ii) increasing materials included in the Provincial *Recycling Regulation*; and (iii) other measures to reduce plastics overall and capture more plastics.

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**PURPOSE**

To provide a summary of the B.C. Plastics Action Plan Policy consultation paper and to seek Board approval to write to the Minister of Environment and Climate Change Strategy with feedback on the consultation paper.

**BACKGROUND**

The Province of British Columbia released its Plastics Action Plan policy consultation paper on July 25, 2019 and requested comments by September 30, 2019. Metro Vancouver responded to the Province and advised that to ensure fulsome engagement with municipal staff and elected officials, Metro Vancouver would provide feedback on the consultation paper by the end of November.

While Metro Vancouver does not have authority to restrict the sale and use of single-use items, Metro Vancouver and member municipalities have advanced initiatives to reduce single-use items over the past number of years, complementing many of the actions proposed in the Plastics Action Plan. This report summarizes feedback on the Plastics Action Plan consultation paper and recommends that the Board write to the Province with feedback on the Plastics Action Plan.

**PLASTIC ACTION PLAN CONSULTATION AND METRO VANCOUVER FEEDBACK****Policy Consultation Paper**

As part of the Province's broader CleanBC initiative to reduce pollution and use more clean and renewable energy, including diverting waste from landfills and reducing waste emissions, the Province is seeking feedback on initiatives to reduce plastic waste through a Plastics Action Plan policy consultation paper. The paper proposes new policy options and amendments to the Provincial *Recycling Regulation* including bans on single-use packaging, increasing recycling options through expanded Extended Producer Responsibility, expanded plastic bottle and beverage container returns, national recycled content regulations and reducing plastics overall.

### **Plastics and Single-Use Items in Metro Vancouver**

In 2018 in Metro Vancouver, municipal solid waste from residential and commercial/institutional sources contained 16.4% plastics (57 kg/capita). Furthermore, 1.1 billion single-use items were disposed or about 440 items per person, representing about 2.4% of the waste stream. Of these items, 57% were plastic, 22% were paper-lined plastic and the remaining 21% were paper or wood.

### **CleanBC Plastics Action Plan Proposed Feedback**

Metro Vancouver engaged with member municipal staff to seek input on the Plastics Action Plan. Member municipal staff expressed support for Province-wide bans on problematic plastics. They also supported giving local governments the authority to ban the sale or use of problematic plastic items in their communities should they choose to. Participants also expressed support for contemplated amendments to the Province's Recycling Regulation to expand materials collected under Extended Producer Responsibility and simplify beverage container returns for consumers.

The feedback from this engagement is the basis for the following proposed feedback on the Plastics Action Plan:

- The Province is best suited to ban the sale and use of problematic plastics including straws, utensils, bags, coffee pods, takeout containers and cups. In addition, local governments should be given clear authority to restrict the sale and use of single-use items above and beyond any base level ban implemented by the Province in order to protect their local environment.
- Metro Vancouver supports contemplated amendments to the *Recycling Regulation* including:
  - Increased beverage container deposits; and
  - The addition to the *Recycling Regulation* of packaging-like and highly recyclable products such as freezer/sandwich bags; straws; stir-sticks; moving boxes; coat hangers; reusable plastic containers and storage tubs; disposable plates, bowls, cups and party supplies; metal pots and pans; plastic kids toys; canning jars and wrapping paper to residential recycling.
- Metro Vancouver supports regulation of problematic plastic types including foam food packaging and biodegradable, compostable, and composites such as plastic-lined paper.
- While the focus on reduction of plastics is important, Metro Vancouver encourages the Province to minimize unintended consequences of alternative products that replace plastics through evidence-based decision-making; and consider health, safety, accessibility and affordability impacts of policies or regulations.
- The Province should also consider whether an expansion of the Extended Producer Responsibility program for packaging and paper products to the commercial/institutional sector is warranted, and the potential benefits and challenges of such an expansion.

### **ALTERNATIVES**

1. That the GVS&DD Board write to the Minister of Environment and Climate Change Strategy in response to B.C.'s Plastics Action Plan Policy consultation paper expressing support for: (i) province-wide restrictions on the sale and use of problematic single-use plastics and authority for local governments to restrict the distribution of problematic single-use items in their communities in addition to any province-wide bans; (ii) increasing materials included in the Provincial Recycling Regulation; and (iii) other measures to reduce plastics overall and capture more plastics.

2. That the Zero Waste Committee receive the report dated November 8, 2019 “B.C.’s Plastic Action Plan Policy Consultation Paper Feedback” and provide alternate direction to staff.

### **FINANCIAL IMPLICATIONS**

If the GVS&DD Board approves Alternative 1, a letter will be sent to the Minister of Environment and Climate Change Strategy providing feedback on the B.C. Plastic Action Plan Policy consultation paper. Funding for behavior change initiatives for single use item reduction is included in the 2020 Operating Budget. The Zero Waste Committee may choose to provide alternate direction to staff.

### **SUMMARY / CONCLUSION**

The Province of British Columbia released its Plastics Action Plan Policy consultation paper on July 25, 2019 with a targeted date for feedback of September 30, 2019. Metro Vancouver responded to the Province and advised that to ensure fulsome engagement with municipal staff and elected officials, a response would come in November. The feedback from engagement with member municipal staff is the basis for the proposed feedback to Minister of Environment and Climate Change Strategy in response to the Plastics Action Plan Policy consultation paper expressing support for:

- province-wide restrictions on the sale and use of problematic single-use plastics and authority for local governments to restrict the distribution of problematic single-use items in their communities in addition to any province-wide bans
- increasing materials included in the *Recycling Regulation*
- other measures to reduce plastics overall and capture more plastics

### **Reference**

[CleanBC Plastics Action Plan](#)

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**COMMITTEE INFORMATION ITEMS AND DELEGATION SUMMARIES**

Greater Vancouver Sewerage and Drainage District  
Board Meeting Date – Friday, November 29, 2019

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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](#).

**Liquid Waste Committee – November 14, 2019***Delegation Summaries:*

- 3.1 No delegations presented

*Information Items:*

- 5.2 2019 Regional Unflushables Campaign Results
- 5.4 Integrated Liquid Waste and Resource Management Plan Biennial Report 2017-2018 - Engagement Results
- 5.5 Feasibility of a Regional Recreational Vehicle Sanitary Dump Facility

**Zero Waste Committee – November 15, 2019***Delegation Summaries:*

- 3.1 Tom Land, Ecowaste Industries Ltd.
- 3.2 Wil Tarnasky, SportsFleet Ventures
- 3.3 Michael R. Stephen

*Information Items:*

- 5.4 2018 Regional Solid Waste System Summary
- 5.5 Alternative Fuel and Recyclables Recovery Project Procurement Update
- 5.6 2019 "Create Memories, Not Garbage" Campaign – Update

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