METRO VANCOUVER REGIONAL DISTRICT
LIQUID WASTE COMMITTEE

MEETING

April 10, 2024
9:00 am
28th Floor Boardroom, 4515 Central Boulevard, Burnaby, British Columbia
Webstream available at https://www.metrovancouver.org

REVISED AGENDA¹

A. ADOPTION OF THE AGENDA

1. April 10, 2024 Meeting Agenda
That the Liquid Waste Committee adopt the agenda for its meeting scheduled for
April 10, 2024 as circulated.

B. ADOPTION OF THE MINUTES

1. February 14, 2024 Meeting Minutes
That the Liquid Waste Committee adopt the minutes of its meeting held
February 14, 2024 as circulated.

C. DELEGATIONS

1. Moira Stillwell, MD, on behalf of Fraser River Community Alliance
Subject: Concerns about the staging of construction materials during the
construction of the new Iona Waste treatment plant.

D. INVITED PRESENTATIONS

E. REPORTS FROM COMMITTEE OR CHIEF ADMINISTRATIVE OFFICER

1. Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas
Boundaries Amendment Bylaw No. 376, 2024 – Fraser Sewerage Area – Langley
(4276 248 Street)
That the GVS&DD Board:

¹ Note: Recommendation is shown under each item, where applicable.
a) give first, second and third reading to the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024; and
b) pass, and finally adopt the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024.

2. **Appointment of Enforcement Officers**
   That the GVS&DD Board:
   a) pursuant to the Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 299, 2007 and the Environmental Management Act:
      i. rescind the appointments of former Metro Vancouver employee Scott Brown, and City of Vancouver employee Jason Koepke as officers; and
      ii. appoint Metro Vancouver employees Sonia Ganjehei and Nicole MacDonald, and City of Vancouver employee Bruna Botti Cruz as officers.
   b) pursuant to section 28 of the Offence Act for the purpose of serving summons for alleged violations under the Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 299, 2007:
      i. rescind the appointment of former Metro Vancouver employee Scott Brown; and
      ii. appoint Metro Vancouver employees Sonia Ganjehei and Nicole MacDonald.

3. **Manager’s Report**
   That the Liquid Waste Committee receive for information the report dated April 2, 2024 titled “Manager’s Report”.

F. **INFORMATION ITEMS**

G. **OTHER BUSINESS**

H. **RESOLUTION TO CLOSE MEETING**
   
   Note: The Committee 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.

I. **ADJOURNMENT OR CONCLUSION**
   That the Liquid Waste Committee adjourn its meeting of April 10, 2024.
Minutes of the Regular Meeting of the Metro Vancouver Regional District (MVRD) Liquid Waste Committee held at 9:00 am on Wednesday, February 14, 2024 in the 28th Floor Boardroom, 4515 Central Boulevard, Burnaby, British Columbia.

MEMBERS PRESENT:
Vice Chair, Mayor Megan Knight*, White Rock
Councillor Paul Albrecht, Langley City
Councillor Christine Cassidy, West Vancouver
Councillor Doug Elford, Surrey (arrived at 9:03 am)
Councillor Steve Ferguson, Langley Township
Councillor Steve Kim, Coquitlam
Councillor Sarah Kirby-Yung*, Vancouver
Mayor Mike Little, North Vancouver District
Councillor Alexa Loo, Richmond
Councillor Nadine Nakagawa, New Westminster
Mayor Brad West*, Port Coquitlam
Councillor Ahmed Yousef*, Maple Ridge

MEMBERS ABSENT:
Chair, Mayor Mike Hurley, Burnaby
Councillor Dylan Kruger, Vancouver
Mayor Nicole MacDonald, Pitt Meadows

STAFF PRESENT:
Peter Navratil, General Manager, Liquid Waste Services
Janis Knaupp, Program Manager, Legislative Services, Board and Information Services
Carol Nicolls, Communications Specialist, External Relations
Winnie Shi, Director, Major Projects, Project Delivery
Mark Wellman, Senior Engineer, Policy Planning and Analysis, Liquid Waste Services

*denotes electronic meeting participation as authorized by the Procedure Bylaw

A. ADOPTION OF THE AGENDA

1. February 14, 2024 Meeting Agenda

It was MOVED and SECONDED
That the Liquid Waste Committee adopt the agenda for its meeting scheduled for February 14, 2024 as circulated.

CARRIED
B. ADOPTION OF THE MINUTES

1. January 17, 2024 Meeting Minutes

   It was MOVED and SECONDED That the Liquid Waste Committee adopt the minutes of its meeting held on January 17, 2024 as circulated.
   
   CARRIED

C. DELEGATIONS

   No items presented.

D. INVITED PRESENTATIONS

   No items presented.

E. REPORTS FROM COMMITTEE OR CHIEF ADMINISTRATIVE OFFICER

   1. Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 375, 2024 – Fraser Sewerage Area – Surrey (South Campbell Heights)

      Report dated January 31, 2024 from Mark Wellman, Senior Engineer, Policy Planning and Analysis, Liquid Waste Services, seeking GVS&DD Board approval to amend Greater Vancouver Sewerage and Drainage Area Boundaries Bylaw No. 310, 2018, by adding Mixed Employment properties and by removing the Conservation Recreation properties from, the Fraser Sewerage Area (FSA).

      9:03 am Councillor Elford arrived at the meeting.

      Marc Wellman provided members with a presentation titled “South Campbell Heights Sewerage & Drainage Areas Boundaries Amendment Bylaw No. 374, 2024” regarding the City of Surrey’s request to amend the FSA highlighting the proposed amendments, process, timeline, and the requirement for a technical review.

      It was MOVED and SECONDED That the GVS&DD Board:

      a) give first, second and third reading to the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 375, 2024; and

      b) pass, and finally adopt the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 375, 2024.

      CARRIED

   2. 2023 “Wipe It, Green Bin It” Campaign Results

      Report dated January 25, 2024 from Carol Nicolls, Communications Specialist, External Relations, providing an update on the 2023 “Wipe It, Green Bin It” campaign to reduce the disposal of fats, oils and grease into the sewer system.
Carol Nicolls provided members with a presentation titled “Wipe It, Green Bin It – 2023 Campaign Results” highlighting:

- campaign timing around celebrations;
- survey results indicating that the campaign is successful;
- pump station monitoring showing a decrease in disposal of fats, oils and grease (FOG) levels, and
- plans for the 2024 campaign.

**It was MOVED and SECONDED**
That the Liquid Waste Committee receive for information the report dated January 25, 2024, titled “2023 ‘Wipe It, Green Bin It’ Campaign Results.”

**CARRIED**

3. **Award of a Contract Resulting from ITT No. 23-378: Construction Services - Royal Avenue Pump Station Rehabilitation**

Report dated January 26, 2024 from George Kavouras, Director, Procurement and Real Estate Services, and Joan Liu, Division Manager, Collections Systems, Engineering Design and Construction, Liquid Waste Services, seeking GVS&DD Board approval to award a contract, in the amount of $6,845,655 (exclusive of taxes), to Kenaidan Contracting Ltd., for construction services for the Royal Avenue Pump Station Rehabilitation.

**It was MOVED and SECONDED**
That the GVS&DD Board:

a) approve award of ITT No. 23-378 for Construction Services – Royal Avenue Pump Station Rehabilitation in the amount of up to $6,845,655 (exclusive of taxes) to Kenaidan Contracting Ltd., subject to final review by the Commissioner; and

b) authorize the General Manager, Procurement and Real Estate to execute the required documentation once the General Manager, Procurement and Real Estate is satisfied that the award should proceed.

**CARRIED**

4. **Manager’s Report**

Report dated January 31, 2024 from Peter Navratil, General Manager, Liquid Waste Services, providing an update on the Barge Berth for the Iona Island Wastewater Treatment Plant (IIWWTP) Projects, Certificate of Laboratory Accreditation for Metro Vancouver’s Quality Control Laboratory, and collaborative efforts with the BC Centre for Disease Control to continue testing for viruses in wastewater.

Winnie Shi, Director, Major Projects, Project Delivery, gave a verbal update on the proposed barge berth for the Iona Island Wastewater Treatment Plant Project highlighting:

- the importance of a barge berth in reducing the impact of trucking materials to the site and project GHG emissions;
- three potential sites are currently under review;
• stakeholder consultation continues particularly with Musqueam First Nation;
• baseline air quality and noise data is being collected; and
• preliminary design and transportation access planning for two of the three identified sites is underway.

Members commented on resident concerns regarding noise and mental health impacts from the project, and the importance of considering the additional impacts from pile driving as part of construction.

Members were informed that staff will provide a detailed report on the IIWWTP Projects Barge Berth in the future.

**It was MOVED and SECONDED**
That the Liquid Waste Committee receive for information the report January 31, 2024 titled “Manager’s Report”.

**CARRIED**

F. INFORMATION ITEMS
No items presented.

G. OTHER BUSINESS
No items presented.

H. RESOLUTION TO CLOSE MEETING

**It was MOVED and SECONDED**
That the Liquid Waste Committee close its meeting scheduled for January 17, 2024 pursuant to section 226 (1) (a) of the *Local Government Act* and the *Community Charter* provisions as follows:

90 (1) A part of a council 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 council considers that disclosure could reasonably be expected to harm the interests of the municipality.

**CARRIED**
I. **ADJOURNMENT OR CONCLUSION**

**It was MOVED and SECONDED**
That the Liquid Waste Committee adjourn its meeting of February 14, 2024.

*CARRIED*

(Time: 9:26 am)

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Janis Knaupp,
Program Manager, Legislative Services

Mike Hurley,
Chair

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66002666 FINAL
To: Liquid Waste Committee  
From: Maria Edwards, Project Engineer, Policy Planning and Analysis, Liquid Waste Services  
Date: April 2, 2024  
Meeting Date: April 10, 2024  
Subject: Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024 – Fraser Sewerage Area – Langley (4276 248 Street)

**RECOMMENDATION**
That the GVS&DD Board:

a) give first, second and third reading to the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024; and  
b) pass, and finally adopt the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024.

**EXECUTIVE SUMMARY**
At its March 22, 2024 meeting, the MVRD Board resolved that the extension of GVS&DD sewer services to the building footprints at 4276 - 248 Street, Langley was generally consistent with the provisions of Metro 2050. A Liquid Waste Services technical review indicated no material financial impact and negligible impact on the regional sewer system.

Staff recommend that the GVS&DD Board approve the Township of Langley’s request for an amendment of the FSA boundary to include the two building footprints as shown in Schedule A of Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024.

**PURPOSE**
To seek GVS&DD Board approval to amend the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Bylaw No. 310, 2018 by adding two building footprints at 4276 248 Street in the Township of Langley to the FSA.

**BACKGROUND**
Sewerage area boundaries are fixed by the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Bylaw, No. 310, 2018. Sewerage area boundaries are occasionally amended through an amendment bylaw and in accordance with Sections 31 and 32 of the GVS&DD Act, typically at the request of a GVS&DD member.

The Township of Langley submitted a sewerage area amendment application to the GVS&DD requesting an amendment of the FSA to include 4276 - 248 Street. If approved, a proposed sewer connection would serve both the existing dwelling and a proposed accessory building which will be used as an office. A report from a Registered Onsite Wastewater Practitioner indicated the current type 1 onsite wastewater treatment system needs to be replaced due to poor performance.
However, installing a new septic system is not possible because a newly constructed home and drinking water well located on the adjacent property, at 24845 Robertson Crescent, would not allow a septic system to meet provincial setback regulations. Insufficient distance between the wastewater system and drinking water well would risk contaminating the well water with pathogens, such as fecal coliform bacteria.

The subject property is on land with an agricultural regional land use designation in Metro 2050, outside of the Urban Containment Boundary, and in the Agricultural Land Reserve. As no further development is proposed, the MVRD Board resolved that the proposed amendment was generally consistent with the provisions of Metro 2050 and would not impact urban containment objectives nor the protection of agricultural land.

**Metro 2050 Consideration**  
At its March 22, 2024 regular meeting, the MVRD Board passed the following resolution (Reference 1):

> That the MVRD Board:  
> a) resolve that regional sewer service for the property at 4276 – 248 Street, Township of Langley is generally consistent with the provisions of Metro 2050; and  
> b) forward the requested Fraser Sewerage Area amendment application for the property at 4276 – 248 Street in the Township of Langley to the GVS&DD Board for consideration.

**GVS&DD Consideration**  
A Liquid Waste Services technical review included an examination of financial, technical, operational, and service level impacts on the regional sewer system. The review concluded there would be negligible impact provided that good wet weather management practices, including measures to reduce wet weather inflow and infiltration (I&I) are incorporated into the development. All costs associated with connecting the property to the regional sewerage system will be borne by the property owner. Prior to connecting this property, the Township of Langley will need to submit a sewer extension request through the Liquid Waste Municipal Portal (Reference 2).

The Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024 (Attachment 1) is provided for GVS&DD Board consideration. Details of the proposed FSA amendment are shown on Schedule A – Location Plan in the amendment bylaw.

**ALTERNATIVES**  
1. That the GVS&DD Board:  
   a) give first, second and third reading to the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024; and  
   b) pass, and finally adopt the Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024.
2. That the GVS&DD Board receive for information the report dated April 2, 2024, titled “Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024 – Fraser Sewerage Area – Langley (4276 248 Street)”, and provide alternate direction to staff.

As the application is consistent with the provisions for sewer services under Metro 2050, and there are no technical or financial concerns, staff recommend Alternative 1.

FINANCIAL IMPLICATIONS
Connection costs to the regional sewer system will be borne by the property owner.

CONCLUSION
Metro Vancouver received a Council resolution from the Township of Langley requesting an amendment of the FSA boundary to include 4276 - 248 Street, Langley as shown in Schedule A of the attached amendment bylaw. The MVRD Board resolved that the application was generally consistent with the provisions of Metro 2050 and referred the application to the GVS&DD Board for consideration. A Liquid Waste Services staff review indicated no financial impact on the FSA and negligible impact on the regional sewerage system as a result of this request. However, additional wet weather flow contributions are a potential concern, and the measures that the Township of Langley will take to limit I&I should be noted in the sewer extension request, which should be submitted through the Liquid Waste Municipal Portal.

As the application is generally consistent with the provisions for sewer services under Metro 2050, and there are no regional, technical, or financial concerns, staff recommend Alternative 1.

ATTACHMENT
1. Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024

REFERENCES
1. “Request for Sanitary Service Connection at 4276 – 248 Street, Township of Langley”, report dated February 12, 2024
2. Liquid Waste Municipal Portal

65150711
WHEREAS:
A. the Board of Directors of the Greater Vancouver Sewerage and Drainage (the “GVS&DD”) Board (the “Board”) adopted "Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Bylaw No. 310, 2018", to fix the boundaries of GVS&DD Sewerage and Drainage Areas; and

B. the Board of the Greater Vancouver Sewerage and Drainage District wishes to amend "Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Bylaw No. 310, 2018”;

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

Citation
1. The official citation of this bylaw is “Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024”.

Schedule
2. The following Schedules are attached to and form part of this bylaw:
   • Schedule “A”, Location Plan

Amendment of Bylaw
3. “Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Bylaw No. 310, 2018” is hereby amended by adding to the Fraser Sewerage Area in Schedule “A” and “B”, the following property, as shown in Schedule “A” – Location Plan, attached to and forming part of this Bylaw:

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<td>001-286-200</td>
<td>PARCEL 1, PART N1/2 OF SW1/4, SECTION 35, TOWNSHIP 10, NEW WESTMINSTER LAND DISTRICT, (EXP PLAN 16337 OF PCL E (REF PL 15090)</td>
<td>4276 248 St, Langley</td>
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Read a first, second, and third time this _____ day of ________________, ______.

Adopted this _____ day of ________________, ______.

________________________
George V. Harvie, Chair

________________________
Dorothy Shermer, Corporate Officer
Schedule A

Location Plan

PROPOSED EXPANSION OF THE FRASER SEWERAGE AREA TO INCLUDE THE BUILDING FOOTPRINTS ONLY

EXISTING FRASER SEWERAGE AREA BOUNDARY

TOWNSHIP OF LANGLEY

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

FRASER SEWERAGE AREA AMENDMENT

4276 - 248 ST

TOWNSHIP OF LANGLEY

SCALE: N.I.S.

DISTRICT FILE 5A-2276

DRAWING NUMBER SHEET 1/4

DESIGN: M.C.

DRAWN: M.

CHECKED:

ISSUED FOR REVIEW

SIGNED

BAR DESIGNED ON ORIGINAL DRAWING, IF NOT ON THE SHEET, ADJUST SCALES ACCORDINGLY

SUPERSEDES PRINTS OF THIS DRAWING NUMBER WITH LETTERS PREVIOUS TO A

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Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amendment Bylaw No. 376, 2024

Page 3 of 3

Page 13 of 18
To: Liquid Waste Committee

From: Maari Hirvi Mayne, Program Manager, Enforcement and Regulation Liquid Waste, Environmental Regulation and Enforcement

Date: March 20, 2024

Meeting Date: April 10, 2024

Subject: Appointment of Enforcement Officers

RECOMMENDATION

That the GVS&DD Board:

a) pursuant to the Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 299, 2007 and the Environmental Management Act:
   i. rescind the appointments of former Metro Vancouver employee Scott Brown, and City of Vancouver employee Jason Koepke as officers; and
   ii. appoint Metro Vancouver employees Sonia Ganjehei and Nicole MacDonald, and City of Vancouver employee Bruna Botti Cruz as officers.

b) pursuant to section 28 of the Offence Act for the purpose of serving summons for alleged violations under the Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 299, 2007:
   i. rescind the appointment of former Metro Vancouver employee Scott Brown; and
   ii. appoint Metro Vancouver employees Sonia Ganjehei and Nicole MacDonald.

EXECUTIVE SUMMARY

Recent changes in staffing at Metro Vancouver and the City of Vancouver have resulted in a need to update staff appointments as Greater Vancouver Sewerage and Drainage District (GVS&DD) Board-designated officers under the Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 299, 2007 (the Bylaw), the Environmental Management Act and the Offence Act. Staffing changes are the result of a retirement, recruitments and responsibility changes. Staff recommend that the GVS&DD Board appoint staff and rescind appointments accordingly.

PURPOSE

To appoint and rescind appointments of Metro Vancouver and City of Vancouver employees as Board-designated officers.

BACKGROUND

Metro Vancouver’s Liquid Waste Regulatory Program supports the goals of the Integrated Liquid Waste and Resource Management Plan through regulation of the discharge of wastes to the region’s sanitary sewer systems.

Employment status changes for Metro Vancouver and City of Vancouver environmental regulatory staff have resulted in a need to update staff appointments to ensure appropriate authority to advance liquid waste management goals. Two new positions within Metro Vancouver resulted in vacancies being filled in 2023. Section 29 of the Environmental Management Act and the Greater
**Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 299, 2007**

grant authority to Board-designated officers.

Metro Vancouver staff are responsible for the administration of the GVS&DD liquid waste management bylaws within the boundaries of the GVS&DD. Within the City of Vancouver, city staff have historically administered these bylaws. This arrangement has been in effect since the Bylaw was first enacted in 1990. A formal agreement between Metro Vancouver and the City of Vancouver was established to ensure that delivery of source control services by the City serves the interests of the GVS&DD and its taxpayers.

**ROLE OF MUNICIPAL SEWAGE CONTROL OFFICERS**

Officers may enter property, inspect works, and obtain records and other information to promote compliance with the Greater Vancouver Sewerage and Drainage District liquid waste management bylaws.

The *Offence Act* allows regional districts to appoint enforcement officers for the purpose of serving summons for bylaw violations. Officers, if appointed for that purpose, may serve a summons in respect of alleged offences under the GVS&DD liquid waste management bylaws.

**ALTERNATIVES**

1. That the GVS&DD Board:
   a) pursuant to the *Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw 299, 2007* and the *Environmental Management Act*:
      i. rescind the appointments of former Metro Vancouver employee Scott Brown, and City of Vancouver employee Jason Koepeke as officers; and
      ii. appoint Metro Vancouver employees Sonia Ganjehei and Nicole MacDonald, and City of Vancouver employee Bruna Botti Cruz as officers.
   b) pursuant to section 28 of the *Offence Act* for the purpose of serving summons for alleged violations under the *Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 299, 2007*:
      i. rescind the appointment of former Metro Vancouver employee Scott Brown; and
      ii. appoint Metro Vancouver employees Sonia Ganjehei and Nicole MacDonald.

2. That the GVS&DD Board receive for information the report dated March 20, 2024 titled “Appointment of Enforcement Officers“ and provide alternate direction to staff.

**FINANCIAL IMPLICATIONS**

There are no financial implications as the GVS&DD appointees are already on staff, and there are no costs associated with rescindments.

**CONCLUSION**

Recent changes in staffing have resulted in a need to update staff appointments as GVS&DD Board-designated officers under the *Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 299, 2007*, the *Environmental Management Act*, and the *Offence Act*. Staff recommend that the GVS&DD Board adopt Alternative 1.
To: Liquid Waste Committee

From: Peter Navratil, General Manager, Liquid Waste Services

Date: April 2, 2024

Meeting Date: April 10, 2024

Subject: Manager’s Report

**RECOMMENDATION**

That the Liquid Waste Committee receive for information the report dated April 2, 2024 titled “Manager’s Report”.

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**1. 2024 Unflushables Campaign**

The 2024 regional Unflushables campaign will take place from April 15 to June 9. The campaign targets seven items that cause problems for our wastewater system: disposable wipes, paper towels, floss, hair, tampons and applicators, condoms, and medications. Residents are asked to return medications to a pharmacy and dispose of the remaining items in the garbage. Disposable wipes remain a significant contributor to sewer and pump station clogs and are a priority for campaign messaging.

This year’s campaign includes a mix of digital and traditional tactics to target residents 25-54, with a particular focus on men 18-34. Post-campaign survey results indicate that younger men are one of the groups most likely to flush many of the ‘unflushable’ campaign items. A paid media placement will include: digital banners, YouTube, social media, Google search, radio, television PSA, and advertising in elevators, restobars and bus sides. All tactics will direct residents to the campaign web page (Reference 1) for more information.

**2. 2024 Inflow and Infiltration Communications Initiative**

The inflow and infiltration communications initiative ran from January 3 – 31, 2024. This initiative helps residents understand how pipes on private properties can let excess rainwater and groundwater enter the sewer system, which contributes to sewer overflows. Previously running in the fall, the initiative has now shifted to January to reduce overlap with other Metro Vancouver wastewater campaigns. The initiative targeted residents 25-64 and included paid media placements on YouTube, Facebook, and Instagram. Paid media placements reached 340,000 residents and generated 1 million video views, 234 engagements, 2,800 clicks for more information, and 2,000 website visits. The initiative will run again in 2025, with similar timing and creative materials.

**3. Attendance at 2024 Standing Committee Events**

Participation at external events provides important learning and networking opportunities. The following events that fall under the purview of the Liquid Waste Committee are included in the 2024 Leadership and Engagement budget.
• **16th International Conference on Urban Drainage 2024 (ICUD)**
  Date and Location:  June 9-14, 2024, Delft, the Netherlands
  Number of attendees: 2

  Recognised as the most important international event in the field of urban drainage, the ICUD conference aims to present the latest advances and innovations in fundamental and applied research on urban drainage, considering the themes of metrology, hydrology, hydraulics, water quality and socio-economics. Among its specific interests are urban water quality, in-sewer processes, storm water management, modelling and control, and asset management. The conference will include site visits to Rotterdam and The Hague, which boast innovative solutions to the urban drainage problems of the 21st century, showcasing some of the earliest implementation of blue-green infrastructure and multi-use parks for rainfall attenuation.

• **WEFTEC 2024**
  Date and Location:  October 5 - 9, 2024, New Orleans, Louisiana, USA
  Number of attendees: 2

  The Water Environment Federation's Technical Exhibition and Conference (WEFTEC) is the largest annual water quality event in North America and draws thousands of water and wastewater professionals from around the world. WEFTEC provides extensive educational opportunities and access to the field’s cutting-edge technologies and services in the area of utilities, and unparalleled networking opportunities.

4. **Liquid Waste Committee Tour of Lulu Island Wastewater Treatment Plant**

A tour of the Lulu Island Wastewater Treatment Plant in Richmond has been scheduled on Friday, May 24, 2024 for members of the Liquid Waste Committee. The purpose of the tour is for members to receive a better understanding of the process of sewage from influent through primary clarification, secondary, digestion and biosolids production. Transport can be arranged to the plant from MetroTower III. Please notify the Committee Manager or Committee Coordinator if you require transport as soon as possible or no later than May 8, 2024.

5. **Liquid Waste Committee 2024 Work Plan**

The updated 2024 Work Plan (Attachment 1) shows the status of the Committee’s key priorities for the year.

**ATTACHMENT**
1. Liquid Waste Committee 2024 Work Plan

**REFERENCE**
1. [The Unflushables Campaign Website](#)
## Priorities

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<tr>
<td>2023 Wipe It, Green Bin It Campaign Results</td>
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<td>2023 and 2024 Inflow and Infiltration Communication Initiative</td>
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<td>2024 Unflushables Campaign</td>
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<tr>
<td>Major Project Updates (as applicable)</td>
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<tr>
<td>Municipal Requests for Sewerage Area Boundary Amendments (as applicable)</td>
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<tr>
<td>Contract Approvals as per <em>Procurement and Real Property Contracting Authority Policy</em></td>
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<td>2024 Financial Performance Reporting and Annual Forecast #1</td>
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<td>Impacts of Provincial Housing Policy Changes to Regional Liquid Waste System</td>
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<td>Trucked Liquid Waste from Fraser Valley Regional District</td>
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<th>3rd Quarter</th>
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<tr>
<td>Draft Liquid Waste Services 2025 – 2029 Capital Plan</td>
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<tr>
<td>2024 GVS&amp;DD Environmental Management and Quality Control Annual Report</td>
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<tr>
<td>2024 Financial Performance Reporting and Annual Forecast #2</td>
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<tr>
<td>2024 Unflushables Campaign</td>
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<tr>
<td>2024 Our Ocean Thanks You Campaign</td>
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<tr>
<td>2024 Wipe It, Green Bin It Campaign</td>
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<tr>
<td>Capital Project Impact Mitigation Framework</td>
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<tr>
<td>Major Project Updates (as applicable)</td>
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<tr>
<td>Municipal Requests for Sewerage Area Boundary Amendments (as applicable)</td>
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<tr>
<td>Contract Approvals as per <em>Procurement and Real Property Contracting Authority Policy</em></td>
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<td>Utility Policies (as applicable)</td>
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