

**METRO VANCOUVER REGIONAL DISTRICT  
LIQUID WASTE COMMITTEE**

**MEETING**

**February 8, 2023**

**1:00 p.m.**

**Meeting conducted electronically/in-person pursuant to the Procedure Bylaw  
28<sup>th</sup> Floor Boardroom, 4515 Central Boulevard, Burnaby, British Columbia**

**Webstream available at <http://www.metrovancover.org>**

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

**1. ADOPTION OF THE AGENDA**

**1.1 February 8, 2023 Meeting Agenda**

That the Liquid Waste Committee adopt the agenda for its meeting scheduled for February 8, 2023 as circulated.

**2. ADOPTION OF THE MINUTES**

**2.1 January 18, 2023 Meeting Minutes**

That the Liquid Waste Committee adopt the minutes of its meeting held January 18, 2023 as circulated. *pg 3*

**3. DELEGATIONS**

**4. INVITED PRESENTATIONS**

**5. REPORTS FROM COMMITTEE OR STAFF**

**5.1 Recommended Wet Weather Cost Apportionment Approach**

That the GVS&DD Board:

- a) direct staff to prepare amendments to *Cost Apportionment Bylaw 283, 2014* for its consideration in accordance with the key terms described in the report dated January 30, 2023, titled “Recommended Wet Weather Cost Apportionment Approach”; and
- b) initiate wet weather cost apportionment in the 2024 billing cycle to be implemented incrementally over ten years. *pg 8*

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<sup>1</sup> Note: Recommendation is shown under each item, where applicable.

**5.2 2022 “Wipe It, Green Bin It” Campaign Results**

pg 13

That the Liquid Waste Committee receive for information the report dated January 17, 2023, titled “2022 ‘Wipe It, Green Bin It’ Campaign Results”.

**5.3 Manager’s Report**

pg 17

That the Liquid Waste Committee receive for information the report dated January 25, 2023 titled “Manager’s Report”.

**6. INFORMATION ITEMS**

**7. OTHER BUSINESS**

**8. BUSINESS ARISING FROM DELEGATIONS**

**9. 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.*

That the Liquid Waste Committee close its meeting scheduled for February 8, 2023 pursuant to section 226 (1) (a) of the *Local Government Act* and the *Community Charter* provisions as follows:

- 90 (1) A part of the 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.

**10. ADJOURNMENT/CONCLUSION**

That the Liquid Waste Committee adjourn/conclude its meeting of February 8, 2023.

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Membership:

Hurley, Mike (C) – Burnaby

Knight, Megan (VC) – White Rock

Albrecht, Paul – Langley City

Cassidy, Christine – West Vancouver

Ferguson, Steve – Langley Township

Johnstone, Patrick – New Westminster

Kim, Steve – Coquitlam

Kirby-Yung, Sarah – Vancouver

Kooner, Pardeep – Surrey

Little, Mike – North Vancouver District

Loo, Alexa – Richmond

West, Brad – Port Coquitlam

Yousef, Ahmed – Maple Ridge

**METRO VANCOUVER REGIONAL DISTRICT  
LIQUID WASTE COMMITTEE**

Minutes of the Regular Meeting of the Metro Vancouver Regional District (MVRD) Liquid Waste Committee held at 1:00 pm on Wednesday, January 18, 2023 in the 28<sup>th</sup> Floor Boardroom, 4515 Central Boulevard, Burnaby British Columbia.

**MEMBERS PRESENT:**

Chair, Mayor Mike Hurley, Burnaby\*  
Vice Chair, Mayor Megan Knight, White Rock  
Mayor Paul Albrecht, Langley City  
Councillor Christine Cassidy, West Vancouver  
Councillor Steve Ferguson, Langley Township  
Mayor Patrick Johnstone, New Westminster  
Councillor Steve Kim, Coquitlam  
Councillor Sarah Kirby-Yung, Vancouver\*  
Councillor Pardeep Kooner, Surrey  
Mayor Mike Little, North Vancouver District\*  
Councillor Alexa Loo, Richmond (arrived at 1:10 pm)  
Councillor Ahmed Yousef, Maple Ridge\*  
Mayor Brad West, Port Coquitlam\*

**MEMBERS ABSENT:**

None.

**STAFF PRESENT:**

Jerry W. Dobrovolny, Chief Administrative Officer†  
Peter Navratil, General Manager, Liquid Waste Services  
Sabrina Mann, Legislative Services Coordinator, Board and Information Services

1:00 pm Vice Chair Knight assumed the Chair for the duration of the meeting.

\*denoted electronic meeting participation as authorized by section 3.6.2 of the *Procedure Bylaw*

† denotes electronic meeting participation.

**1. ADOPTION OF THE AGENDA**

**1.1 January 18, 2023 Regular Meeting Agenda**

**It was MOVED and SECONDED**

That the Liquid Waste Committee adopt the agenda for its regular meeting scheduled for January 18, 2023 as circulated.

**CARRIED**

**2. ADOPTION OF THE MINUTES**

**2.1 October 5, 2022 Regular Meeting Minutes**

**It was MOVED and SECONDED**

That the Liquid Waste Committee receive for information the minutes of its regular meeting held on October 5, 2022 as circulated.

**CARRIED**

**3. DELEGATIONS**

No items presented.

**4. INVITED PRESENTATIONS**

No items presented.

**5. REPORTS FROM COMMITTEE OR STAFF**

**5.1 Liquid Waste Services: Liquid Waste Committee Orientation**

1:10 pm Councillor Loo arrived at the meeting.

Peter Navratil, General Manager, Liquid Waste Services, provided the Liquid Waste Committee members with a presentation for the Committee orientation, highlighting the Liquid Waste Committee terms of reference, key messages, liquid waste services, committee orientation overview, Municipal Regional connection, a short video on Metro Vancouver's liquid waste utility, and liquid waste services overview on the history, regulations and division of work.

1:30 pm Councillor Cassidy arrived at the meeting.

Mani Deo, Deputy General Manager, Liquid Waste Services provided the committee members with a presentation highlighting, a short video from a pump station, and explaining the liquid waste services operations and maintenance.

Rick Gallilee, Director, Support Services and Strategic Initiative, Liquid Waste Services, presenting members with service objectives, liquid waste services capital projects, and budget overview.

In response to questions, members were informed that municipalities are responsible for the operation and maintenance of their own pipes and are working with municipalities for wet weather pricing, and members will be provided annually with updates. Members commented on the need to create a historical database for sanitary sewer overflows

Peter Navratil, General Manager, Liquid Waste Services, continued the presentation on innovation and continuous improvement.

Presentation material titled "Liquid Waste Committee Orientation" has been retained with the January 18, 2023 Liquid Waste Committee agenda.

**It was MOVED and SECONDED**

That the Liquid Waste Committee receive for information the Liquid Waste Services: Liquid Waste Committee Orientation presentation.

**CARRIED**

**5.2 Project Delivery: Liquid Waste Committee Orientation**

Cheryl Nelms, General Manager, Project Delivery, provided Liquid Waste Committee members with a presentation for project delivery highlighting, best practices, response regarding re-organization, project delivery department, project management office (PMO)& liquid waste projects, project management office, integrated asset management, quality management, project and portfolio management, North Shore Wastewater Treatment Plant program, Iona Island Wastewater Treatment Plant projects, Northwest Langley Wastewater Treatment Plant projects, and Annacis Island Wastewater Treatment Plant stage 5 expansion and outfall.

Presentation material titled "Project Delivery - Liquid Waste Committee Orientation" is retained with the January 18, 2023 Liquid Waste Committee agenda.

**It was MOVED and SECONDED**

That the Liquid Waste Committee receive for information the presentation, dated January 18, 2023, titled Project Delivery: Liquid Waste Committee Orientation.

**CARRIED**

**5.3 2023 Liquid Waste Committee Meeting Schedule and Work Plan**

Report dated January 11, 2023 from Peter Navratil, General Manager, Liquid Waste Services, providing the Liquid Waste Committee with the 2023 Work Plan, its Terms of Reference, and the Annual Meeting Schedule.

In response to questions, members were informed that a key part of the work plan and priority for 2023 will be to adjust the development cost charges assist factor.

**It was MOVED and SECONDED**

That the Liquid Waste Committee:

- a) receive for information the Liquid Waste Committee Terms of Reference and the 2023 Annual Meeting Schedule, as presented in the report dated January 11, 2023 titled "2023 Liquid Waste Committee Meeting Schedule and Work Plan"; and
- b) endorse the 2023 Work Plan, as presented in the report dated January 11, 2023, titled "2023 Liquid Waste Committee Meeting Schedule and Work Plan".

**CARRIED**

**5.4 Manager's Report**

Report dated December 16, 2022, from Peter Navratil, General Manager, Liquid Waste Services, informing the Liquid Waste Committee members about attendance at 2023 Standing Committee events, and upcoming Water Environment Federation's Technical Exhibition and Conference.

**It was MOVED and SECONDED**

That the Liquid Waste Committee receive for information the report dated December 16, 2022, titled "Manager's Report".

**CARRIED**

**6. INFORMATION ITEMS**

No items presented.

**7. OTHER BUSINESS**

No items presented.

**8. BUSINESS ARISING FROM DELEGATIONS**

No items presented.

**9. RESOLUTION TO CLOSE MEETING**

**It was MOVED and SECONDED**

That the Liquid Waste Committee close its meeting scheduled for January 18, 2023 pursuant to section 266 (1) (a) of the *Local Government Act* and the *Community Charter* provisions as follows:

- 90 (1) A part of the meeting may be closed to the public if the subject matter being considered relates to or is one or more of the following:
  - (g) litigation or potential litigation affecting the regional district.

**CARRIED**

**10. ADJOURNMENT/CONCLUSION**

**It was MOVED and SECONDED**

That the Liquid Waste Committee adjourn its regular meeting of January 18, 2023.

**CARRIED**

(Time: 2:33 pm)

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Sabrina Mann,  
Legislative Services Coordinator

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Megan Knight,  
Vice Chair

57651139 FINAL

To: Liquid Waste Committee

From: Paul Kadota, Director, Policy, Planning and Analysis, Liquid Waste Services

Date: January 30, 2023 Meeting Date: February 8, 2023

Subject: **Recommended Wet Weather Cost Apportionment Approach**

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### RECOMMENDATION

That the GVS&DD Board:

- a) direct staff to prepare amendments to *Cost Apportionment Bylaw 283, 2014* for its consideration in accordance with the key terms described in the report dated January 30, 2023, titled “Recommended Wet Weather Cost Apportionment Approach”; and
  - b) initiate wet weather cost apportionment in the 2024 billing cycle to be implemented incrementally over ten years.
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### EXECUTIVE SUMMARY

High levels of rainfall derived inflow and infiltration (I&I) getting into public and private sewers are compromising the capacity of municipal and regional sewerage systems. This can cause wet weather Sanitary Sewer Overflows (SSOs) and Combined Sewer Overflows (CSOs), increasing risks to human and environmental health as well as the collective reputation of public utility management. SSOs are non-compliance events and reported to regulatory authorities.

To incent action on excessive I&I, on October 29, 2021, the GVS&DD Board endorsed “amendments to the Cost Apportionment Bylaw to enable the division of the GVS&DD levy into separate dry and wet weather components and issue a separate requisition for each component”. Various options for wet weather pricing were developed by staff and the recommended approach, informed by municipal feedback through a working group and advisory committees, is to phase wet weather pricing incrementally over a ten-year period commencing with requisitions to be issued in spring 2024.

### PURPOSE

To provide the GVS&DD Board with the recommended approach for wet weather cost apportionment and request direction to make commensurate adjustments to *Cost Apportionment Bylaw 283, 2014*.

### BACKGROUND

I&I is stormwater and groundwater that enters sanitary sewage systems through improper connections, like downspouts and sump pumps (inflow), and groundwater that enters through cracks and leaky pipe joints (infiltration). The region also has combined sewers that were historically installed to carry both sanitary and stormwater flows, many of which currently operate alongside newer installations that have separated sewers susceptible to the entry of rainwater.



When an excessive amount of I&I enters the regional sewer system, it takes up sewer capacity that can otherwise be used to accommodate the wastewater servicing needs of a rapidly growing region. During wet weather, these additional flows from I&I and/or combined flows contribute to wet weather SSOs and CSOs as sewer capacity becomes overloaded, with risks to human and environmental health. SSOs have a requirement to be immediately reported to the federal and provincial governments, regional health authorities and associated municipalities. Public notification of SSOs are also required.

The current approach to regional cost allocation for wastewater services does not adequately reflect the full financial, environmental and social costs associated with excessive wet weather flows and is inequitable considering that GVS&DD members with excessive wet weather flow are effectively being subsidized by other members. Wet weather pricing, more accurately termed “wet weather cost apportionment” in the regional legislative context, is one of the key tools being proposed to incent rapid action on I&I management by better reflecting the full regional costs associated with wet weather flow.

On October 29, 2021, the GVS&DD endorsed “amendments to the Cost Apportionment Bylaw to enable the division of the GVS&DD levy into separate dry and wet weather components and issue a separate requisition for each component.” A staff report outlining the proposed approach to develop recommendations for wet weather pricing approach was provided to the Liquid Waste Committee at its meeting of March 9, 2022 (see Reference). Since that time, Metro Vancouver staff have liaised with a working group of the Regional Engineers Advisory Committee’s (REAC) Liquid Waste Subcommittee to provide guidance and feedback during the development of the wet weather pricing approach. The approach recommended by staff was provided to REAC on November 4, 2022 and to RAAC on January 19, 2023.

### **OVERVIEW AND RECOMMENDATION**

A variety of options were explored for the development of wet weather pricing and key principles noted below were factored into development of the options:

- “Pay for what you use”;
- No net change in revenue to Metro Vancouver; and
- Temporary relief for members with combined sewer systems.

Utilizing these principles, Metro Vancouver staff took an iterative approach and developed options involving the following two parameters:

- Wet weather implementation phasing-in periods (e.g., 10 to 50 years) and;
- Percentile of flows that are deemed as wet weather flows (e.g., 50<sup>th</sup> – 75<sup>th</sup>).

Several discussions were had throughout the development of options, involving municipal staff (engineers, finance, administrators) and the feedback received from members through the various forums are summarized as follows:

- There was general, but not complete, consensus that the “user pay” model is fair.
- Some members expressed strong support for wet weather pricing and asked to have it implemented as soon as possible.

- Some combined members preferred to have a full exemption from wet weather pricing while they focus their efforts on sewer separation.
- Some members noted that apportionment of regionally-shared costs should be excluded [there will be no reapportionment across sewerage areas].
- Some separated members felt it was inequitable if combined members received an exemption or even a delayed implementation of wet weather pricing. Their preference was to have the same phasing in timelines for both separated and combined members.
- Separated members acknowledged there could be acute financial challenges for combined members due to their ongoing sewer separation costs.
- Some members expressed concerns around how implications from wet weather pricing will impact their own I&I reduction programs.
- Some members expressed interest in a periodic review of wet weather pricing.
- Some members preferred rapid implementation of wet weather billing commencing in 2023, while others preferred deferral commencing in 2024.

Based on consolidation of the feedback, the following approach reflecting the balance of the feedback is recommended for implementing wet weather pricing:

Combined Members		Separated Members	
Phasing in time (years)	Flows Percentile	Phasing in time (years)	Flows Percentile
10	60 <sup>th</sup>	10	75 <sup>th</sup>

Key points for this option include:

- Phasing-in of wet weather pricing over ten years for both separated and combined members,
- Wet weather pricing based on the 60<sup>th</sup> and 75<sup>th</sup> percentile flows for members with significant remaining combined systems and separated members, respectively
- Regionally-shared costs (e.g., Tier 2 costs for secondary treatment) are excluded from wet weather pricing.

Based on the need for immediate action at the source on I&I to reduce SSOs, along with reduction of wet weather flows from combined areas, the proposal is to initiate wet weather pricing in the spring of 2024 and phase in over ten-years.

**ALTERNATIVES**

1. That the GVS&DD Board:
  - a) direct staff to prepare amendments to *Cost Apportionment Bylaw 283, 2014* for its consideration in accordance with the key terms described in the report dated January 30, 2023, titled “Recommended Wet Weather Cost Apportionment Approach”; and
  - b) initiate wet weather cost apportionment in the 2024 billing cycle to be implemented incrementally over ten years.

2. That the GVS&DD Board:
  - a) direct staff to prepare amendments to *Cost Apportionment Bylaw 283, 2014* for its consideration in accordance with the key terms described in the report dated January 30, 2023, titled “Recommended Wet Weather Cost Apportionment Approach”; and
  - b) initiate wet weather cost apportionment in the 2023 billing cycle to be implemented incrementally over ten years.
  
3. That the GVS&DD Board receive for information the report dated January 30, 2023, titled “Recommended Wet Weather Cost Apportionment Approach” and provide alternate direction to staff.

**FINANCIAL IMPLICATIONS**

The proposal has no financial implications for Metro Vancouver as the total revenue would remain the same as it would be without wet weather cost apportionment.

Changes in allocations to individual municipal members range from an estimated fee reduction over the 10-year phase-in period of about 14% through to an increase of about 25% (see Attachment). This preliminary information is only generally indicative of potential future fee allocations as it is based upon historical datasets up to June 30, 2021. The next set of requisitions to be issued in spring 2023 would incorporate newer flow metering data for the period from July 1, 2021 to June 30, 2022.

**CONCLUSION**

Metro Vancouver is proposing changes to the apportionment of costs within a sewerage area to provide GVS&DD members a meaningful incentive to manage wet weather flows. A recommended option is presented, balancing member feedback, reflecting phased implementation over ten years starting with the 2024 billing cycle. Upon GVS&DD Board approval, staff will prepare proposed amendments to GVS&DD *Cost Apportionment Bylaw 283, 2014* that reflect wet weather cost apportionment on the recommended schedule.

Staff recommend Alternative 1.

**Attachment**

Summary of Financials for Presented Approach

**Reference**

[Development of a Wet Weather Pricing Approach](#), report dated February 14, 2022

56690484

## Summary of Financials for Presented Approach

<b>GVS&amp;DD Member</b>	<b>2022 Levy (\$)</b>	<b>Future Levy* (\$)</b>	<b>% Change over 10 yrs</b>
City of Burnaby	29,838,017	27,660,411	(7.3%)
City of Coquitlam	13,923,535	14,131,970	1.5%
City of Delta	9,008,835	10,203,896	13.3%
City of Langley	2,040,395	2,152,036	5.5%
Langley Township	10,344,072	9,391,084	(9.2%)
City of Maple Ridge	8,190,012	7,982,284	(2.5%)
City of New Westminister	11,225,358	11,636,236	3.7%
City of North Vancouver	7,971,747	7,165,423	(10.1%)
District of North Vancouver	13,327,918	14,094,844	5.8%
City of Pitt Meadows	1,652,675	1,423,502	(13.9%)
City of Port Coquitlam	6,076,032	6,162,431	1.4%
City of Port Moody	2,553,053	3,200,771	25.4%
City of Richmond	28,681,273	28,239,663	(1.5%)
City of Surrey	56,564,465	56,061,804	(0.9%)
University Endowment Lands	623,851	258,135	(58.6%)
UBC (non-member)	2,027,499	1,682,975	(17.0%)
City of Vancouver	86,819,138	89,451,698	3.0%
District of West Vancouver	8,743,505	8,782,903	0.5%
City of White Rock	1,813,307	1,742,621	(3.9%)

To: Liquid Waste Committee

From: Larina Lopez, Division Manager, Corporate Communications  
Carol Nicolls, Communications Specialist, Corporate Communications

Date: January 17, 2023 Meeting Date: February 8, 2023

Subject: **2022 “Wipe It, Green Bin It” Campaign Results**

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### **RECOMMENDATION**

That the Liquid Waste Committee receive for information the report dated January 17, 2023, titled “2022 ‘Wipe It, Green Bin It’ Campaign Results”.

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### **EXECUTIVE SUMMARY**

The disposal of fats, oils, and grease into the sewer system costs the region over \$2.7 million every year. Now in its sixth year, the 2022 “Wipe It, Green Bin It” asks residents to put fats, oils, and grease in the green bin and not down the sink. The campaign ran in the fall and in the lead-up to Thanksgiving, targeting a time of heavier, seasonal cooking. It included social media, YouTube, television, banner ads, Google adwords, and a website. The campaign generally performed well and delivered 16 million impressions, 1,200 engagements, 1.6 million video views, 13,000 clicks for more information, and 14,000 website visits. Monitoring of fats, oils, and grease at pump stations generally shows a drop in their levels since 2019. In 2023, the campaign will run again with similar timing and creative materials and will also include a post-campaign survey.

### **PURPOSE**

To update the Liquid Waste Committee on the 2022 regional “Wipe It, Green Bin It” campaign to reduce the disposal of fats, oils, and grease in the sewer system.

### **BACKGROUND**

The disposal of fats, oils, and grease into the sewer system is an ongoing issue that costs the region at least \$2.7 million every year. Fats, oils, and grease can harden in the sewer system, blocking sewers and contributing to overflows into homes, businesses, and the environment. Since 2017, Metro Vancouver has conducted regional campaigns to ask residents to dispose of fats, oils, and grease in their green bins and not down their sink.

This report provides an overview of the main results of the 2022 “Wipe It, Green Bin It” campaign, as identified in the 2022 Liquid Waste Committee Work Plan.

### **2022 “WIPE IT, GREEN BIN IT” CAMPAIGN**

The 2022 “Wipe It, Green Bin It” campaign took place from September 26 to November 6. The campaign targeted Metro Vancouver residents (18+, with particular focus on ages 25–54), aiming to reach them in the lead-up to Thanksgiving and during a time of heavier, seasonal cooking. The campaign materials featured dripping grease, oil, or dairy, reminding residents to “Wipe It, Green Bin It” to avoid clogged pipes.

## **Engagement with Members**

Prior to launch, campaign details and creative materials were shared with members’ communication staff and the Regional Engineers Advisory Committee (REAC) - Liquid Waste Subcommittee. All materials are available for download on the Metro Vancouver website and members could request custom, co-branded materials. Materials included a printable rack card in six languages. The media buy included all member jurisdictions, ensuring that campaign ads appeared across the region. Campaign materials were used by eight member jurisdictions.

## **Results**

The campaign generally performed well, with digital materials successfully driving strong website traffic. Running the campaign in the fall – and not during the December holidays where advertising competition is much higher – likely also improved results.

### *Digital Media and Television*

- 16 million impressions generated digital channels, primarily Facebook, Instagram and online banner ads
- 800,000 residents reached through digital channels
- 1.6 million video ad views, with higher than average completion rates on Facebook and Instagram
- 1,200 engagements (likes, shares, saves, comments) through social media
- 13,000 clicks for more information, mainly through Google Search terms, banners, and social media placements
- 355,000 residents reached through the television public service announcement (PSA) video, which aired 1,100 times on Telus

Overall, the shorter videos performed best, with above average completion rates on Facebook, Instagram and Pinterest. After six years in market the campaign creative may have reached the target audience multiple times, the shorter materials have now generally become the most successful tactic and will be the main ones used on most platforms in 2023.

### *Website Traffic*

The campaign website ([wipeitgreenbinit.ca](http://wipeitgreenbinit.ca)) had over 14,000 visits, with people spending an average of just over three minutes on the page. While time spent on the page was lower than last year, the average number of people visiting the page during the campaign jumped from 195/day in 2021 to 335/day in 2022.

## **FATS, OILS, AND GREASE MEASUREMENT**

Fats, oils, and grease (FOG) levels have been monitored at various pumps stations since 2018. This monitoring uses a visual rating scale, which helps assess FOG issues and evaluate campaign effectiveness. Metro Vancouver and the Township of Langley are currently monitoring FOG build-up in two Metro Vancouver pump stations and one municipal pump station in residential hot spot areas. In general, 2022 data shows a decrease in FOG levels compared to 2021, with average yearly FOG levels dropping since 2019. This monitoring should be considered as just one metric to measure campaign success, as external conditions (such as rain and cleaning schedules) can affect FOG build-up.

### **PLANS FOR 2023 CAMPAIGN**

The campaign will run again in 2023, using the same creative and with similar timing. As the campaign has been in market for several years, it may be helpful to look at ways to refresh the existing creative for next year. A post-campaign survey will be conducted in 2023 and will help evaluate the campaign's impact and inform future campaigns.

### **ALTERNATIVES**

This is an information report. No alternatives are presented.

### **FINANCIAL IMPLICATIONS**

The 2022 "Wipe It, Green Bin It" campaign had a budget of \$105,000. These costs were included in the 2022 Liquid Waste Communications Program Budget managed by the External Relations Department.

### **CONCLUSION**

The "Wipe It, Green Bin It" campaign has been in market for six years and is showing solid performance and awareness levels. Results of this year's media placement suggest that concentrating campaign resources in a single fall flight and skipping the competitive December advertising market was a more successful approach and boosted the number of people who came to the campaign website for more information. Monitoring at pump stations for fats, oils, and grease is planned to continue in 2023 and along with next year post-campaign survey will provide helpful data to assess the campaign's effectiveness. As many people in the target audience may have already seen campaign advertising over the years, new ways to refresh the existing creative materials will be explored for next year.

### **Attachment**

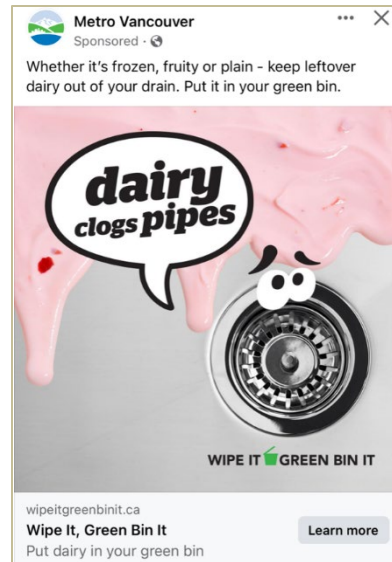
Sample of Campaign Materials

### **Reference**

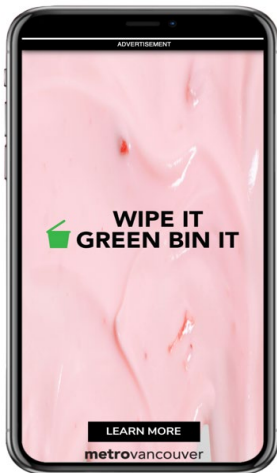
Campaign website: [wipeitgreenbinit.ca](http://wipeitgreenbinit.ca)

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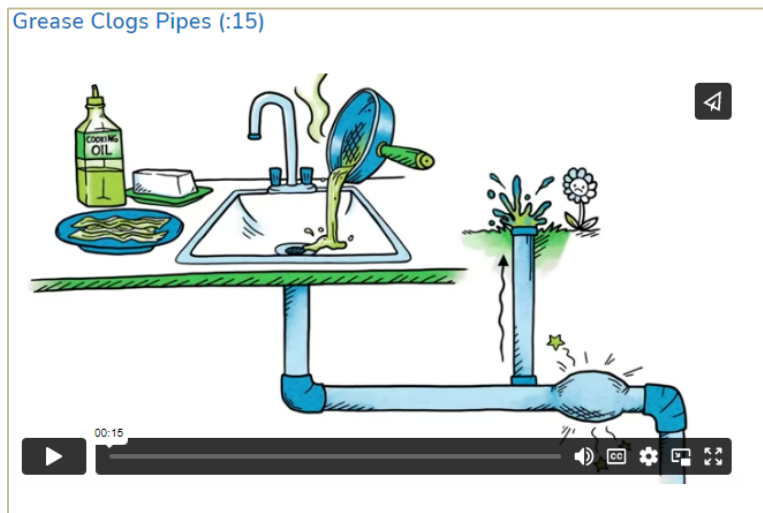
Sample of Campaign Materials



Social media posts



Mobile interroller ad



PSA video



Poster



Online banner on website



To: Liquid Waste Committee

From: Peter Navratil, General Manager, Liquid Waste Services

Date: January 25, 2023 Meeting Date: February 8, 2023

Subject: **Manager's Report**

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## RECOMMENDATION

That the Liquid Waste Committee receive for information the report dated January 25, 2023 titled "Manager's Report".

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### 1. **North Shore Wastewater Treatment Plant Project Update**

Metro Vancouver is continuing to progress design and construction of the treatment plant. Currently, the project team is undertaking select new construction work and identifying and correcting numerous design and construction errors and deficiencies from the previous design build contractor.

Currently, design services are being provided by AECOM and construction management services are being provided by PCL. AECOM is addressing errors and deficiencies in design made by the previous design build contractor, and providing design support for Early Works. They are also advancing detailed design systematically through all plant areas, and have issued three 90% design packages since December. PCL is progressing construction by continuing Early Works at the treatment plant site. Over the past month, work has included identifying and correcting deficiencies and poor quality construction and pouring concrete for walls and foundations in select areas. Two new pours for the foundation of the Influent Pumping Station were completed in the past month, and two more are scheduled for February. The workforce on site will increase in the coming weeks as concrete work starts up in other areas.

Metro Vancouver continues to work with AECOM and PCL to advance development of an execution plan to complete the project, including an updated cost estimate and schedule.

Metro Vancouver also continues to make progress on other items required to move the project forward, including continuing negotiations for the transfer of equipment and materials contracts from the previous design build contractor and finalizing an updated Restoration Agreement with the District of North Vancouver.

### 2. **Liquid Waste Committee 2023 Work Plan**

The updated 2023 Work Plan (Attachment) shows the status of the Committee's key priorities for the year.

#### **Attachment**

Liquid Waste Committee 2023 Work Plan

## Liquid Waste Committee 2023 Work Plan

Report Date: February 8, 2023

<b>Priorities</b>	
<b>1st Quarter</b>	<b>Status</b>
2023 Liquid Waste Capital Projects	In Progress
2022 Wipe It, Green Bin It Campaign Results	In Progress
Wet Weather Pricing - Proposed Amendments to GVS&DD Cost Apportionment Bylaw	In Progress
2022 Microfibres Reduction Campaign Results	In Progress
North Shore Wastewater Treatment Plant Project Update	Complete
Northwest Langley Wastewater Treatment Plant Project Update	In Progress
Reclaimed Water Policy	In Progress
2023 Liquid Waste Sustainability Innovation Fund Applications	In Progress
Municipal Requests for Sewerage Area Boundary Amendments (as applicable)	In Progress
Utility Policies (as applicable)	In Progress
Contract Approvals as per <i>Procurement and Real Property Contracting Authority Policy</i>	In Progress
<b>2<sup>nd</sup> Quarter</b>	
Annacis Island Wastewater Treatment Plant Project Update	Pending
North Shore Wastewater Treatment Plant Project Update	Pending
Liquid Waste Services Capital Expenditure Summary Update as at December 31, 2022	Pending
GVS&DD Sewer Use Bylaw and Fees Update	Pending
2023 Update on Liquid Waste Sustainability Innovation Fund Projects	Pending
Municipal Requests for Sewerage Area Boundary Amendments (as applicable)	Pending
Utility Policies (as applicable)	Pending
Contract Approvals as per <i>Procurement and Real Property Contracting Authority Policy</i>	Pending
<b>3rd Quarter</b>	
GVS&DD Food Sector Grease Interceptor Bylaw Amendment	Pending
2023 Unflushables Campaign Results	Pending
2022 GVS&DD Environmental Management and Quality Control Annual Report	Pending
Liquid Waste Services Capital Expenditure Summary Update as at April 30, 2023	Pending
Municipal Requests for Sewerage Area Boundary Amendments (as applicable)	Pending
Utility Policies (as applicable)	Pending
Contract Approvals as per <i>Procurement and Real Property Contracting Authority Policy</i>	Pending
<b>4th Quarter</b>	
2024 Annual Budget & 5 Year Financial Plan - Liquid Waste	Pending
Environmental Management System Update	Pending
LWMP Review and Update, Report on Phase 2	Pending
Lower Mainland Estuary Management Program	Pending
Liquid Waste Services Capital Expenditure Summary Update as at August 31, 2023	Pending
Drainage Areas Policy	Pending
Sewage Catchment Area (Rawn) Amendment - Langley Servicing Plan	Pending
Municipal Requests for Sewerage Area Boundary Amendments (as applicable)	Pending
Utility Policies (as applicable)	Pending
Contract Approvals as per <i>Procurement and Real Property Contracting Authority Policy</i>	Pending