

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

Friday, March 27, 2020

9:00 A.M.

28th Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia[Membership and Votes](#)**A G E N D A¹****A. ADOPTION OF THE AGENDA****1. March 27, 2020 Regular Meeting Agenda**

That the GVS&DD Board adopt the agenda for its regular meeting scheduled for March 27, 2020 as circulated.

B. ADOPTION OF THE MINUTES**1. February 28, 2020 Regular Meeting Minutes**

That the GVS&DD Board adopt the minutes for its regular meeting held February 28, 2020 as circulated.

C. DELEGATIONS**D. INVITED PRESENTATIONS****E. CONSENT AGENDA**

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

1. LIQUID WASTE COMMITTEE REPORTS**1.1 Direct Connections to Regional Liquid Waste Facilities Policy**

That the GVS&DD Board approve the *Direct Connections to Regional Liquid Waste Facilities Policy* as presented in the report dated February 18, 2020, titled "Direct Connections to Regional Liquid Waste Facilities Policy".

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

F. ITEMS REMOVED FROM THE CONSENT AGENDA

G. REPORTS NOT INCLUDED IN CONSENT AGENDA

1. LIQUID WASTE COMMITTEE REPORTS

1.1 Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020 – Fraser Sewerage Area – PID 013-872-303, Township of Langley

[Recommendation a): simple weighted majority vote.] and

[Recommendation b): 2/3 weighted majority vote.]

That the GVS&DD Board:

- a) give first, second and third reading to the Greater Vancouver Sewerage and Drainage District's *Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020*; and
- b) pass, and finally adopt the Greater Vancouver Sewerage and Drainage District's *Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020*.

H. MOTIONS FOR WHICH NOTICE HAS BEEN GIVEN

I. OTHER BUSINESS

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

J. BUSINESS ARISING FROM DELEGATIONS

K. RESOLUTION TO CLOSE MEETING

Note: The Board must state by resolution the basis under section 90 of the Community Charter on which the meeting is being closed. If a member wishes to add an item, the basis must be included below.

That the GVS&DD Board close its regular meeting scheduled for March 27, 2020 pursuant to the *Community Charter* provisions, Section 90 (1) (j) 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:

- (j) information that is prohibited, or information that if it were presented in a document would be prohibited, from disclosure under section 21 of the *Freedom of Information and Protection of Privacy Act*."

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

M. ADJOURNMENT/CONCLUSION

That the GVS&DD Board adjourn/conclude its regular meeting of March 27, 2020.

**GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT
BOARD OF DIRECTORS**

Minutes of the Regular Meeting of the Greater Vancouver Sewerage and Drainage District (GVS&DD) Board of Directors held at 9:14 a.m. on Friday, February 28, 2020 in the 28th Floor Boardroom, 4730 Kingsway, Burnaby, British Columbia.

MEMBERS PRESENT:

| | |
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| Burnaby, Chair, Director Sav Dhaliwal | Richmond, Director Harold Steves |
| North Vancouver City, Vice Chair Director Linda Buchanan | Surrey, Director Linda Annis |
| Burnaby, Director Pietro Calendino | Surrey, Director Doug Elford |
| Burnaby, Director Mike Hurley | Surrey, Director Laurie Guerra |
| Coquitlam, Alternate Director Brent Asmundson for Richard Stewart | Surrey, Alternate Director Brenda Locke for Mandeep Nagra |
| Coquitlam, Director Craig Hodge | Surrey, Director Doug McCallum |
| Delta, Director George Harvie | Surrey, Director Allison Patton |
| Electoral Area A, Jen McCutcheon | Vancouver, Director Adriane Carr |
| Langley City, Alternate Director Gayle Martin for Val van den Broek | Vancouver, Director Lisa Dominato |
| Langley Township, Director Jack Froese | Vancouver, Alternate Director Pete Fry for Kennedy Stewart |
| Langley Township, Director Kim Richter | Vancouver, Director Colleen Hardwick |
| Maple Ridge, Director Mike Morden | Vancouver, Alternate Director Jean Swanson for Christine Boyle |
| New Westminister, Director Jonathan Coté | Vancouver, Director Michael Wiebe |
| North Vancouver District, Director Lisa Muri | West Vancouver, Director Mary-Ann Booth |
| Pitt Meadows, Director Bill Dingwall | White Rock, Director Darryl Walker |
| Port Coquitlam, Director Brad West | Commissioner Jerry W. Dobrovolny (Non-voting member) |
| Port Moody, Director Rob Vagramov | |
| Richmond, Director Malcolm Brodie | |

MEMBERS ABSENT:

| | |
|--------------------------------|---------------------------------------|
| Delta, Director Bruce McDonald | Vancouver, Director Melissa De Genova |
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STAFF PRESENT:

Janis Knaupp, Legislative Services Coordinator, Board and Information Services
Chris Plagnol, Corporate Officer

A. ADOPTION OF THE AGENDA

1. February 28, 2020 Regular Meeting Agenda

It was MOVED and SECONDED

That the GVS&DD Board adopt the agenda for its regular meeting scheduled for February 28, 2020 as circulated.

CARRIED

B. ADOPTION OF THE MINUTES

1. January 31, 2020 Regular Meeting Minutes

It was MOVED and SECONDED

That the GVS&DD Board adopt the minutes for its regular meeting held January 31, 2020 as circulated.

CARRIED

C. DELEGATIONS

No items presented.

D. INVITED PRESENTATIONS

No items presented.

E. CONSENT AGENDA

At the request of directors, the following item was removed from the Consent Agenda for consideration under Section F. Items Removed from the Consent Agenda:

- 2.1 Construction Contract Award Resulting from Request for Proposal (RFP) No. 19-313: Construction of a Completed Recycling and Solid Waste Drop-off Facility

It was MOVED and SECONDED

That the GVS&DD Board adopt the recommendations in the following items presented in the February 28, 2020 GVS&DD Board Consent Agenda:

- 1.1 Award of Contract Resulting from Request for Proposal No. 19-194: Construction Services - Burnaby Lake North Interceptor No. 2 – Phase 2 – Open Cut Section
- 2.2 Consulting Contract Amendment: Phase D – Construction Administration and Post Construction Services for Surrey Recycling and Waste Drop-Off Facility
- 3.1 2020 Liquid Waste Sustainability Innovation Fund Application

CARRIED

The items and recommendations referred to above are as follows:

- 1.1 **Award of Contract Resulting from Request for Proposal No. 19-194: Construction Services - Burnaby Lake North Interceptor No. 2 – Phase 2 – Open Cut Section**
Report dated January 21, 2020 from Roy Moulder, Director, Purchasing and Risk Management, Financial Services and Colin Meldrum, Division Manager, Collection

Systems, Project Delivery, Liquid Waste Services, advising the GVS&DD Board of results of RFP No. 19-194: Construction Services Burnaby Lake North Interceptor No. 2 – Phase 2 – Open Cut Section, and recommending the Board award the contract, in the amount of up to \$16,599,950 (exclusive of taxes), to JJM Construction Ltd.

Recommendation:

That the GVS&DD Board:

- a) approve the award of a contract for an amount of up to \$16,599,950 (exclusive of taxes) to JJM Construction Ltd. resulting from Request for Proposal No. 19- 194: Construction Services Burnaby Lake North Interceptor No. 2 – Phase 2 – Open Cut Section; and
- b) authorize the Commissioner and the Corporate Officer to execute the contract.

Adopted on Consent

2.2 Consulting Contract Amendment: Phase D – Construction Administration and Post Construction Services for Surrey Recycling and Waste Drop-Off Facility

Report dated February 7, 2020 from Roy Moulder, Director, Purchasing and Risk Management, Financial Services and Marcel Pitre, Division Manager, Policy and Facility Development, Solid Waste Services, recommending the GVS&DD Board award the contract for Phase D - Construction Administration and Post Construction Services to the Phase A, B, and C consultant, Morrison Hershfield Limited, (Morrison Hershfield), for the Surrey Recycling and Waste Drop-Off Facility construction project, in an amount of up to \$2,576,631 (exclusive of taxes).

Recommendation:

That the GVS&DD Board:

- a) approve the award of Phase D - Construction Administration and Post Construction Services for an amount of up to \$2,576,631 (exclusive of taxes) to the Phase A, B and C consultant, Morrison Hershfield Limited, for the Surrey Recycling and Waste Drop-Off Facility project; and
- b) authorize the Commissioner and Corporate Officer to execute the required documentation.

Adopted on Consent

3.1 2020 Liquid Waste Sustainability Innovation Fund Application

Report dated January 16, 2020 from Paul Kadota, Program Manager, Policy, Planning and Analysis, Liquid Waste Services, seeking GVS&DD Board approval to allocate funding from the Sustainability Innovation Fund, to the Handheld Wastewater Microbial DNA Monitor Project, in the amount of \$330,000 over a three-year period commencing in 2020.

Recommendation:

That the GVS&DD Board approve the allocation from the Liquid Waste Sustainability Innovation Fund of \$330,000 over three years starting in 2020 for the Handheld Wastewater Microbial DNA Monitor project.

Adopted on Consent

F. ITEMS REMOVED FROM THE CONSENT AGENDA

- 2.1 Construction Contract Award Resulting from Request for Proposal (RFP) No. 19-313: Construction of a Completed Recycling and Solid Waste Drop-off Facility**
Report dated February 7, 2020 from Roy Moulder, Director, Purchasing and Risk Management, Financial Services and Marcel Pitre, Division Manager, Policy and Facility Development, Solid Waste Services, advising the GVS&DD Board of the results of RFP No. 19-313: Construction of a Completed Recycling and Solid Waste Drop-off Facility, and recommending the Board award the contract, in the amount of up to \$25,575,000 (exclusive of taxes), to Clark Builders.

Main Motion

It was MOVED and SECONDED

That the GVS&DD Board:

- a) approve the award of a contract in the amount of up to \$25,575,000 (exclusive of taxes) to Clark Builders resulting from Request for Proposal (RFP) No. 19-313: Construction of a Completed Recycling and Solid Waste Drop-off Facility; and
- b) authorize the Commissioner and Corporate Officer to execute the contract.

Comments were offered about the need for equitable funding of regional and municipal recycling and solid waste drop-off facilities.

Amendment to the Main Motion

It was MOVED and SECONDED

That the GVS&DD Board amend the Main Motion, at the end of the motion, by adding part c) as follows:

- “c) direct staff to report back to the Board in advance of the opening of the new Coquitlam Transfer Station and the Surrey Recycling and Waste Drop-Off with details of Metro Vancouver’s transfer station recycling depot funding model and any proposed updates to the model to ensure equitable funding of regional and municipal depots.”

CARRIED

Question on the Main Motion as Amended

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

CARRIED

Main Motion as amended now reads as follows:

That the GVS&DD Board:

- a) approve the award of a contract in the amount of up to \$25,575,000 (exclusive of taxes) to Clark Builders resulting from Request for Proposal (RFP) No. 19-313: Construction of a Completed Recycling and Solid Waste Drop-off Facility;*
- b) authorize the Commissioner and Corporate Officer to execute the contract; and*
- c) direct staff to report back to the Board in advance of the opening of the new Coquitlam Transfer Station and the Surrey Recycling and Waste Drop-Off with details of Metro Vancouver's transfer station recycling depot funding model and any proposed updates to the model to ensure equitable funding of regional and municipal depots.*

G. REPORTS NOT INCLUDED IN CONSENT AGENDA

1.1 GVS&DD Financial Services Administration and Signing Authority Amending Bylaw No. 334, 2020

Report dated January 29, 2020 from Dean Rear, Chief Financial Officer/General Manager, Financial Services, seeking GVS&DD Board adoption of *Greater Vancouver Sewerage and Drainage District Financial Services Administration and Signing Authority Amending Bylaw No. 334, 2020*, to revise language for modern banking practices, amend signing authority positions, and for financial matters relating to Metro Vancouver's Districts.

It was MOVED and SECONDED

That the GVS&DD Board give first, second and third reading to *Greater Vancouver Sewerage and Drainage District Financial Services Administration and Signing Authority Amending Bylaw No. 334, 2020*.

CARRIED

It was MOVED and SECONDED

That the GVS&DD Board pass and finally adopt *Greater Vancouver Sewerage and Drainage District Financial Services Administration and Signing Authority Amending Bylaw No. 334, 2020*.

CARRIED

2.1 Disposal of Out of Region Waste and International Waste at the Waste-to-Energy Facility

Report dated February 7, 2020 from Allen Jensen, Project Engineer, Solid Waste Services, seeking GVS&DD Board approval to amend the Tipping Fee Bylaw to delegate authority to the General Manager of Solid Waste Services to approve disposal requests of up to 1,500 tonnes per year, per generator, of out of region waste and international waste at the Waste-to-Energy Facility.

It was MOVED and SECONDED

That the GVS&DD Board:

- a) approve amending the *Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Bylaw No. 306, 2017* to:
 - i. delegate authority to the General Manager of Solid Waste Services to approve requests to receive up to 1,500 tonnes per year per generator of out of region waste and international waste; and
 - ii. apply the Special Handle Waste tipping fee of \$250 per tonne to Out of Region Waste; and
- b) give first, second and third reading to *Greater Vancouver Sewerage and Drainage District Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 336, 2020*.

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. 336, 2020*.

CARRIED

H. MOTIONS FOR WHICH NOTICE HAS BEEN GIVEN

No items presented.

I. OTHER BUSINESS

No items presented.

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 February 28, 2020 pursuant to the *Community Charter* provisions, Section 90 (1) (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:
- (g) litigation or potential litigation affecting the regional district.”

CARRIED

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

No items presented.

M. ADJOURNMENT/CONCLUSION

It was MOVED and SECONDED

That the GVS&DD Board adjourn its regular meeting of February 28, 2020.

CARRIED

(Time: 9:22 a.m.)

CERTIFIED CORRECT

Chris Plagnol, Corporate Officer

Sav Dhaliwal, Chair

To: Liquid Waste Committee

From: Brent Burton, Division Manager, Policy, Planning & Analysis, Liquid Waste Services

Date: February 18, 2020 Meeting Date: March 12, 2020

Subject: **Direct Connections to Regional Liquid Waste Facilities Policy**

RECOMMENDATION

That the GVS&DD Board approve the *Direct Connections to Regional Liquid Waste Facilities Policy* as presented in the report dated February 18, 2020, titled “Direct Connections to Regional Liquid Waste Facilities Policy”.

EXECUTIVE SUMMARY

The GVS&DD does not have a Board-approved policy regarding direct connections to regional liquid waste facilities. Staff presented a proposed policy addressing direct connections to the Liquid Waste Committee (LWC) on November 14, 2019. At that meeting, the LWC requested revisions to clarify language and facilitate more meaningful progress towards removing private property connections from the regional sewer system. Staff developed a revised policy addressing this direction, and presented this revised policy to the Regional Engineers Advisory Committee (REAC) on February 7, 2020 and to the Regional Administrative Advisory Committee (RAAC) on February 20, 2020. Both REAC and RAAC endorsed the revised policy at their respective meetings.

PURPOSE

To seek the GVS&DD Board’s approval of the attached policy (“Policy”) addressing direct connections to regional sewers.

BACKGROUND

The GVS&DD has a long-standing practice of only allowing direct connections from member jurisdictions to regional sewerage facilities. Exceptions to this practice, allowing direct connections from private properties to regional facilities, have been considered in consultation with municipal members when no other viable options exist. A policy is recommended to provide consistency and guidance when preparing and reviewing connection applications.

Following municipal consultation through REAC and RAAC, a report was presented to the LWC in 2019 requesting approval of a policy on direct connections. The LWC requested improved clarity and a revised connection distance that better reflected regional interests. In February 2020, REAC and RAAC both endorsed a revised policy that applied to regional pipes greater than 450 mm diameter and with a connection distance of 75 m phased in over three years. The three-year phase-in will allow member jurisdictions time to implement municipal programs to address potential impacts to residents.

This report presents the Policy, as endorsed by both REAC and RAAC, for consideration by the GVS&DD Board.

DIRECT CONNECTIONS POLICY

Member municipalities are responsible for collecting liquid waste through a network of local collection pipes. The local pipes connect to the GVS&DD regional system for collection and treatment. Ideally, private properties are connected to the municipal networks for the following reasons:

- Large regional sewers are often designed to operate under high flows and pressure. Unfavourable conditions such as surcharging, backwatering, malodorous air, corrosive flows, and unfavourable air pressure conditions can increase the risk of health and safety issues for private properties with a direct connection to a regional sewer.
- Failures involving connections to GVS&DD's large sewers are typically expensive and difficult to repair due to high flows and pressure.

Historically, some member municipalities have requested direct connections to the regional sewer system to service private properties if municipal sewers were not available nearby. Metro Vancouver has assessed those requests on a case-by-case basis. The proposed Policy confirms that all new private direct connections to regional sewers would be considered temporary, and would be subject to removal under certain conditions. The Policy also clarifies that no new connections to a regional sewer will be considered from any non-member of the GVS&DD without Board approval.

POLICY HIGHLIGHTS

The proposed Policy will apply only to regional sewer pipes greater than 450mm nominal diameter. Applications for private direct connections to regional pipes that are 450mm or less in diameter will continue to be assessed on a case-by-case basis; these smaller regional sewers could be considered for transfer of ownership to the local jurisdiction where reasonable and upon mutual agreement.

Types of connections

The Policy defines types of connections as follows:

1. Municipal Direct Connection – a typical connection from a municipal sewer system to the GVS&DD sewer system approved by the GVSⅅ
2. Private Direct Connection – a connection from a private property to the regional sewer system that was approved by the GVS&DD prior to adoption of this Policy; and
3. Temporary Private Direct Connection – a connection from a private property to the regional sewer system approved by the GVS&DD after this Policy is adopted.

Municipal Direct Connections

The GVS&DD will continue its historical practice of considering municipal direct connections as outlined in the proposed Policy.

Private Direct Connections

Existing private direct connections would be eligible to remain, and be subject to removal only upon replacement of the existing connection.

Temporary Private Direct Connections

The proposed Policy establishes the maximum distance from a property to the nearest municipal sewer that would allow consideration for a private direct connection to a regional sewer. To allow municipalities an opportunity to consider implementing programs to assist property owners with private connections, the proposed Policy provides a phased implementation schedule as follows:

- Upon adoption of the Policy – 15 m;
- January 1, 2021 – 35 m; and,
- January 1, 2022 – 75 m.

If it is not feasible for a private property to connect to a municipal facility, then a member municipality may apply for a temporary private direct connection to a regional facility on behalf of the property owner. The application must include an engineering report that demonstrates and recommends that a temporary direct connection to a GVS&DD facility is the only feasible option.

ALTERNATIVES

1. That the GVS&DD Board approve the *Direct Connections to Regional Liquid Waste Facilities Policy* as presented in the report dated February 18, 2020, titled “Direct Connections to Regional Liquid Waste Facilities Policy”.
2. That the GVS&DD Board receive for information the report dated February 18, 2020, titled “Direct Connections to Regional Liquid Waste Facilities Policy”, and provide alternate direction.

FINANCIAL IMPLICATIONS

The costs related to direct connections are borne by the property owners and/or local jurisdiction. Risk associated with flooding of private property is higher when connected to large diameter regional sewers. While not readily quantifiable, limitations on new direct connections from private property are expected to result in reduced financial risk over the long term.

CONCLUSION

Currently, no GVS&DD Board-approved policy exists regarding requests for direct connections to regional liquid waste facilities from municipal and other properties. The GVS&DD has a long-standing practice of only permitting member jurisdictions to make direct connections to regional facilities. Requests for exceptions to this practice have been considered in cases where a private property requires a new connection and a municipal sewer is not available. The proposed Policy is intended to formalize the process for direct connection requests to regional facilities, including who may apply, the criteria to do so, and ownership and maintenance responsibilities.

The proposed Policy defines the terms and conditions under which temporary private direct connections may be considered by Metro Vancouver, and also the conditions under which existing private direct connections or future temporary direct connections must be removed. The member jurisdiction must own and accept all responsibility for the portion of the direct connection extending from a private property to the regional sewer system.

The proposed Policy, endorsed by both REAC and RAAC, reflects direction from the LWC to better protect regional interests. It also incorporates advice from REAC to phase-in the policy over 3 years,

and to apply only to regional pipes greater than 450 mm nominal diameter where risks associated with direct connections from private property are higher. As such, staff recommend Alternative 1.

Attachment

Direct Connections to Regional Liquid Waste Facilities Policy

Reference

1. [Transfer of Sewerage, Drainage and Water Facilities Policies](#) item E2.1

36994440

DIRECT CONNECTIONS TO REGIONAL LIQUID WASTE FACILITIES

Effective Date:

Approved By: GVS&DD Board

PURPOSE

To establish the process and criteria for direct connections to Metro Vancouver's regional liquid waste facilities and to define subsequent ownership, financial and maintenance responsibilities. This Policy applies only to facilities used in the management of sanitary sewage or combined sewage (e.g. drainage facilities are excluded).

DEFINITIONS

"Board" means the Board of Directors of the Greater Vancouver Sewerage and Drainage District (GVS&DD);

"Legacy Private Direct Connection" refers to a Private Direct Connection approved by the GVS&DD in association with the granting of a Statutory Right of Way (SRW);

"Member Jurisdiction" means a member of the GVSⅅ

"Metro 2040" means the *Regional Growth Strategy Bylaw (Metro Vancouver 2040)*, as amended from time to time;

"Municipal Direct Connection" means a direct connection from a sewer or force main owned by a Member Jurisdiction which is designed to convey sewage from one or more properties to a GVS&DD sewer facility;

"Non-Member" means a local, Provincial, Federal, or First Nation government that is not a Member Jurisdiction;

"Non-Pressurized" means that a sewer facility does not experience water levels in excess of the top of the conveying pipe to which the connection is proposed;

"Private Direct Connection" means a direct connection from a Private Property to a GVS&DD sewer approved by the GVS&DD prior to the effective date of this Policy;

"Private Property" means private property contained within the boundaries of a Member Jurisdiction;

"Property" means Federal, Provincial, First Nation Lands, municipal, or private property within the sewerage area service boundaries of the GVSⅅ and,

“Temporary Private Direct Connection” means a private direct connection approved by the GVS&DD on a temporary basis on or after the effective date of this Policy.

POLICY

This Policy will apply to GVS&DD sewer pipes greater than 450 mm nominal diameter. All aspects of the Policy will apply immediately except as otherwise noted.

GVS&DD member jurisdictions collect liquid waste from Properties through a network of municipal sewers. The municipal sewers connect directly to the GVS&DD’s regional sewer system which conveys the liquid waste through large pipes for treatment at regional wastewater treatment plants.

Metro Vancouver permits Municipal Direct Connections to GVS&DD facilities from Member Jurisdictions; as per Section 29(1) of the *GVS&DD Act*, all requests by Member Jurisdictions for connections must be approved by Metro Vancouver. The application process and criteria for a Municipal Direct Connection and a Temporary Private Direct Connection are outlined in the following sections.

Under exceptional circumstances in the past, Metro Vancouver has approved requests from Member Jurisdictions for Private Direct Connections to the regional system. Metro Vancouver does not permit any new Private Direct Connections to GVS&DD facilities. Existing Private Direct Connections are subject to removal under terms and conditions outlined in the following sections.

In the future and under exceptional circumstances, Metro Vancouver may consider approval of new Temporary Private Direct Conditions; these connections will be subject to removal under terms and conditions outlined in the following sections.

PROCESS AND CRITERIA FOR A MUNICIPAL DIRECT CONNECTION

Metro Vancouver will only consider an application to connect a municipal sewer to the regional sewer system if the following criteria are met. The Member Jurisdiction must:

- ensure the new serviced area is within a GVS&DD sewerage area and meets the provisions of *Metro 2040*;
- use the appropriate form, currently Form 35A – Application for Connection – Sewer or Drain, on the Metro Vancouver website to apply for a direct connection to a regional facility; and
- confirm:
 - the connecting sewer is municipally-owned;
 - the connection meets GVS&DD connection requirements;
 - the connection meets the provisions of the *GVS&DD Sewer Use Bylaw* and related bylaws under the Liquid Waste Regulatory Program; and
 - the member jurisdiction will coordinate and be responsible for the connection work, contractor, and all connection costs.

Metro Vancouver staff will review the application for a Municipal Direct Connection from a regional perspective, including consideration of feasibility and technical considerations (e.g. opportunities to

minimize and/or consolidate connections). As appropriate, an approval letter may be issued with related terms and conditions.

Unless ownership is otherwise noted on drawings, or other documents, the member jurisdiction will own the portion of the connection pipe located on municipal property, or municipal rights-of-way up to a point specified in the GVS&DD connection requirements.

EXCEPTION TO MUNICIPAL DIRECT CONNECTION – TEMPORARY PRIVATE DIRECT CONNECTION

To protect regional and private infrastructure, the GVS&DD will not approve any new Private Direct Connections. Regional sewers are typically large diameter pipes that are subject to extremely high flows and pressure. For this reason, and other factors such as malodourous air, corrosive flows, backwatering, and surcharging, Private Direct Connections may cause significant risk to the private property owner. Failures involving connections to GVS&DD facilities are typically expensive and difficult to repair due to the high flows and pressures associated with the regional facility and the inability of GVS&DD to temporarily re-direct very large flows during repairs.

However, if a Member Jurisdiction believes that no feasible municipal sewer facility is available for a Private Property, the Member Jurisdiction may apply to Metro Vancouver for a Temporary Private Direct Connection to a regional facility. The process and criteria for Temporary Private Direct Connections follow.

PROCESS AND CRITERIA TO APPLY FOR A TEMPORARY PRIVATE DIRECT CONNECTION

Metro Vancouver will not consider an application for a Temporary Private Direct Connection unless the following process is followed and the following criteria are met.

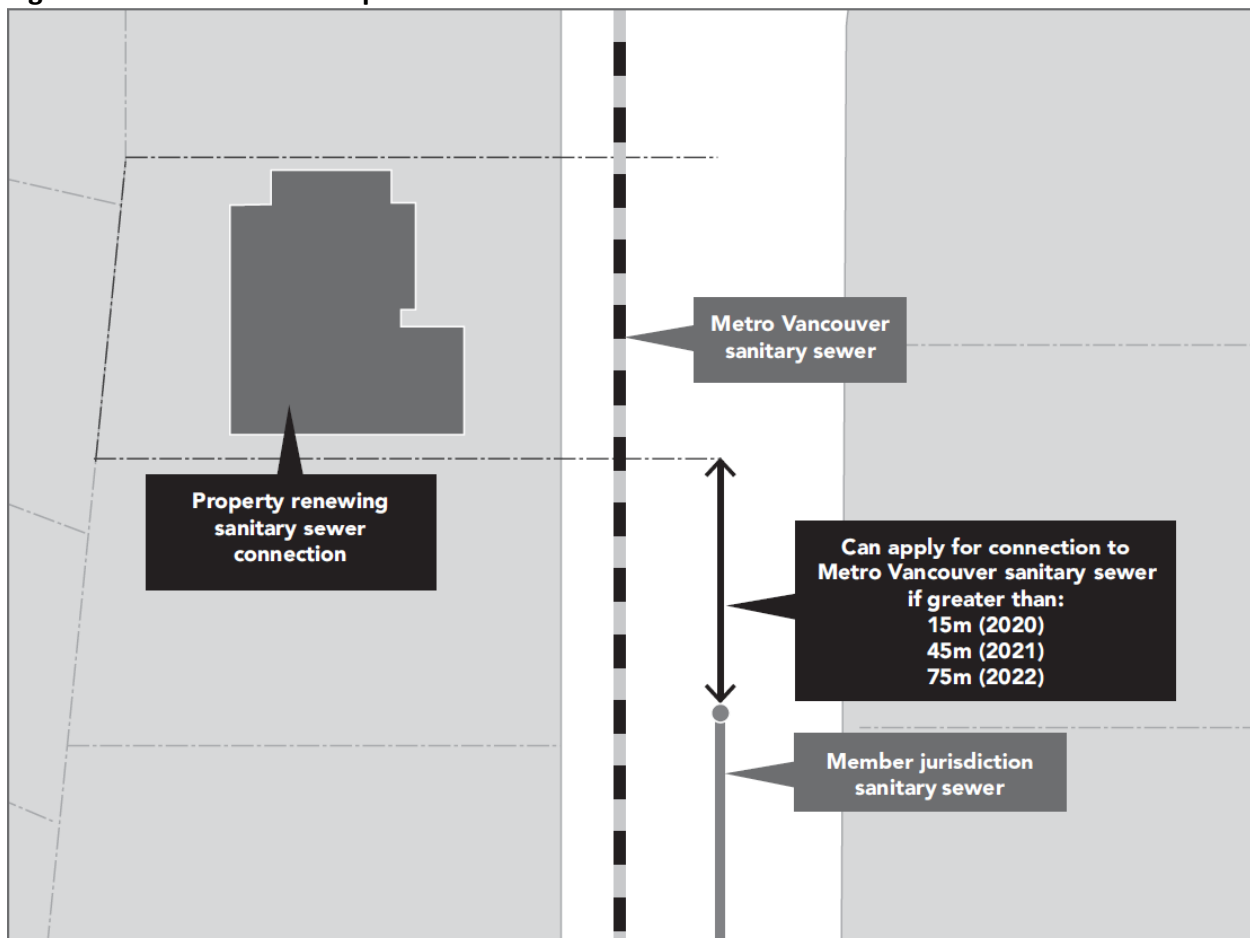
The owner of the Private Property must first apply to their Member Jurisdiction for a connection to a suitable municipal sewer facility. If a connection to a municipal sewer is not feasible then the Member Jurisdiction must:

- ensure that the applicant’s property is within a GVS&DD sewerage area and meets the provision of *Metro 2040*:
 - if outside a sewerage area, the member jurisdiction must first apply to Metro Vancouver to have the property included in an appropriate sewerage area. This separate process is outlined in the *Regional Growth Strategy, Metro 2040 Implementation Guideline 7 – Extension of Regional Sewerage Services*.
- submit an application, currently Form 35A – Application for Connection – Sewer or Drain, on the Metro Vancouver website, to apply for a Temporary Private Direct Connection to a GVS&DD facility;
- submit an engineering report to Metro Vancouver that:
 - confirms that no on-site treatment or alternative disposal system is feasible and recommends that a Private Direct Connection to a GVS&DD sewer is the only feasible option;
 - confirms that no municipal sewer facility is within the specified distance (Figure 1) of the nearest property line;
 - the implementation dates corresponding to the distance shown on Figure 1 is:

- 15 metres – upon adoption of this policy;
- 45 metres – January 1, 2021; and,
- 75 metres – January 1, 2022.
- confirms that a non-pressurized GVS&DD sewer (current and future conditions) is adjacent to the property;
- outlines costs associated with potential options for connecting to the GVS&DD sewer, which will be borne by the member jurisdiction; and,
- provides an estimate of how long a temporary connection will be required.
- ensure the connection meets the provisions of the GVS&DD Sewer Use Bylaw and related bylaws under the Liquid Waste Regulatory Program; and
- confirm that the Member Jurisdiction will coordinate and be responsible for the connection work, contractor, and all connection costs.

Metro Vancouver staff will review the application for a Temporary Private Direct Connection from a regional perspective, including consideration of feasibility, appropriate land use, and technical considerations.

Figure 1: Distance to Municipal Sewer



REQUIREMENTS FOR APPROVAL OF A TEMPORARY PRIVATE DIRECT CONNECTION

If the GVS&DD approves a Temporary Private Direct Connection, requirements will be provided to the Member Jurisdiction that may include the following and other related terms and conditions:

- GVS&DD's required connection details;
- location of the connection and schedule of requirements of the connection work;
- discharge limits; and
- requirements for:
 - the member jurisdiction to retain an Engineer-of-Record;
 - the member jurisdiction to own a portion of the sewer between the private sewer (e.g. typically from property line) and the GVS&DD facility;
 - GVS&DD to review the installation; and
 - all aspects of the connection including design, construction and inspections with all associated costs to be borne by the member jurisdiction.

Once installed, the Member Jurisdiction will own, and be responsible for, all aspects of the Temporary Private Direct Connection, including ongoing operations and maintenance, upgrades, and decommissioning costs for temporary connections when a suitable new connection is installed.

REMOVAL OF PRIVATE DIRECT CONNECTIONS

An existing Private Direct Connection shall be subject to removal when a Member Jurisdiction requires a new connection (e.g. change in land use, property consolidation, major renovation) and has installed a sewer within the specified distance (Figure 1) of the Private Property, except as noted below.

Metro Vancouver will not require removal of the Private Direct Connection if, in its opinion, the orientation of the new sewer is not reasonably compatible with the existing site plumbing (e.g. would require a new connection on the opposite side of the Property).

When an existing Private Direct Connection is removed, the Member Jurisdiction shall be responsible for decommissioning the existing connection per GVS&DD requirements and establishing a suitable new connection at their cost.

REMOVAL OF TEMPORARY PRIVATE DIRECT CONNECTIONS

An existing Temporary Private Direct Connection shall be subject to removal when a Member Jurisdiction installs a new sewer within the road allowance adjacent to the Private Property. Metro Vancouver will not require removal of the Temporary Private Direct Connection if, in its opinion, the orientation of the new sewer is not reasonably compatible with the existing site plumbing (e.g. would require a new connection on the opposite side of the Property).

When an existing Temporary Private Direct Connection is removed, the Member Jurisdiction shall be responsible for decommissioning the existing connection per GVS&DD requirements and establishing a suitable new connection at their cost.

LEGACY PRIVATE DIRECT CONNECTIONS

Prior to the implementation of this Policy, certain Private Direct Connections were permitted in return for a property owner granting a Statutory Right of Way (SRW) in favour of the GVS&DD allowing a regional pipe across private property. These are Legacy Private Direct Connections. If a municipal bylaw requires the property owner of a Legacy Private Direct Connection to seek a new connection, then Metro Vancouver staff will review the terms of the original SRW and the municipal bylaw to determine which governs. Metro Vancouver will not consider future Legacy Private Direct Connections through the SRW process except as otherwise directed by the Board.

DIRECT CONNECTIONS FOR NON-MEMBERS

Direct connections for Non-Members will only be approved as directed by the Board.

To: Liquid Waste Committee

From: Brent Burton, Division Manager, Policy, Planning and Analysis, Liquid Waste Services

Date: February 27, 2020 Meeting Date: March 12, 2020

Subject: **Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020 – Fraser Sewerage Area – PID 013-872-303, Township of Langley**

RECOMMENDATION

That the GVS&DD Board:

- a) give first, second and third reading to the Greater Vancouver Sewerage and Drainage District's *Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020*; and
 - b) pass, and finally adopt the Greater Vancouver Sewerage and Drainage District's *Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020*.
-

EXECUTIVE SUMMARY

Metro Vancouver received a council resolution from the Township of Langley requesting an amendment of the Fraser Sewerage Area (FSA) to include a property located at Trinity Western University, adjacent to 76A Avenue, in the Township of Langley. Metro Vancouver staff confirmed that this property is within the *Metro 2040: Shaping Our Future (Metro 2040)* Urban Containment Boundary (UCB), and meets the provisions of *Metro 2040*. A Greater Vancouver Sewerage and Drainage District (GVS&DD) technical review indicates negligible impact on the regional sewerage system, and all costs would be borne by the property owner. As such, staff recommend that the Fraser Sewerage Area boundary be amended to include the property identified by BC Property Identifier Number PID-013-872-303 in the Township of Langley.

PURPOSE

To seek GVS&DD Board approval to amend the GVS&DD's *Sewerage and Drainage Area Boundaries Bylaw No. 310, 2018* to include a property at Trinity Western University adjacent to 76A Avenue in the Township of Langley, identified by BC Property Identifier Number PID 013-872-303, within the Fraser Sewerage Area (see Attachment).

BACKGROUND

Metro Vancouver received a council resolution from the Township of Langley requesting an amendment of the FSA to include the property identified by BC Property Identifier Number PID-013-872-303. The property is currently used for parking and would house an office and classroom complex.

Metro Vancouver provides regional sewerage services to GVS&DD member municipalities. For a municipal property to receive sewerage services, it must be located within one of Metro Vancouver's sewerage areas. Sewerage area boundaries were fixed by the GVS&DD's *Sewerage and Drainage Areas Boundaries Bylaw, No. 310, 2018*. Sewerage areas are occasionally amended through an

amending bylaw and in accordance with Sections 31 and 32 of the GVS&DD Act, typically at the request of a GVS&DD member.

METRO 2040 CONSIDERATION

Following adoption of *Metro 2040* (the Regional Growth Strategy) in 2011, Metro Vancouver procedures regarding the amendment of regional sewer services are subject to the provisions of *Metro 2040*. Therefore, any requests from member municipalities to amend a GVS&DD sewerage area must be presented to the Metro Vancouver Regional District (MVRD) Board for consideration of consistency with the provisions of *Metro 2040*. Once consistency with *Metro 2040* has been established, the decision to amend the sewerage area rests with the GVS&DD Board, subject to technical considerations. The following summarizes the considerations for this proposed boundary amendment:

- Metro Vancouver received a council resolution from the Township of Langley requesting that a property identified by BC Property Identifier Number PID-013-872-303 be included in the FSA.
- Metro Vancouver Planning and Environment staff reviewed the resolution and confirmed that the property is located within the UCB as set out in *Metro 2040*, the Regional Growth Strategy, and is designated “General Urban”. As such, Metro Vancouver Planning and Environment staff have no objections to the extension of the FSA to provide sewerage services to the area, subject to: 1) the FSA adjustment not extending beyond the Urban Containment Boundary and area designated as General Urban, and 2) it passing the Greater Vancouver Sewerage and Drainage District technical review and approvals processes.

In this case, as the property already meets the provisions of *Metro 2040*, MVRD Board approval is not required for this application.

GVS&DD CONSIDERATION

A GVS&DD technical review, which included an examination of financial, technical and operational impacts, along with impacts on service levels, concluded that:

- There are no financial impacts on the GVS&DD as costs will be borne by the property owner.
- GVS&DD analysis of the estimated sewage flows shows a negligible impact on the FSA sewerage system.

ALTERNATIVES

1. That the GVS&DD Board:
 - a) give first, second and third reading to the Greater Vancouver Sewerage and Drainage District’s *Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020*; and
 - b) pass, and finally adopt the Greater Vancouver Sewerage and Drainage District’s *Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020*.
2. That the GVS&DD Board receive for information the report dated February 27, 2020, titled “Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020 – Fraser Sewerage Area – PID 013-872-303, Township of Langley”, and provide alternate direction to staff.

FINANCIAL IMPLICATIONS

There are no financial implications on the GVS&DD as all costs associated with this request will be borne by the property owner.

CONCLUSION

Metro Vancouver received a council resolution from the Township of Langley requesting an amendment of the Fraser Sewerage Area to include a property located at Trinity Western University, adjacent to 76A Avenue, in the Township of Langley. Metro Vancouver staff confirmed that this property is within the *Metro 2040: Shaping Our Future (Metro 2040)* Urban Containment Boundary, and meets the provisions for sewer services within *Metro 2040*. A GVS&DD technical review indicates negligible impact on the regional sewerage system, and all costs would be borne by the property owner. As such, staff recommend Alternative 1.

Attachment

Greater Vancouver Sewerage and Drainage District *Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020*

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**GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT
BYLAW NO. 335, 2020**

A Bylaw to Amend the "Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Bylaw No. 310, 2018"

WHEREAS:

- A. the Board of Directors of the Greater Vancouver Sewerage and Drainage District has 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:

- 1. This bylaw may be cited as "Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Amending Bylaw No. 335, 2020".
- 2. "Greater Vancouver Sewerage and Drainage District Sewerage and Drainage Areas Boundaries Bylaw No. 310, 2018" is amended as follows:
 - a. by adding to the Fraser Sewerage Area lands the property identified by British Columbia Property Identifier Number PID 013-872-303 in the Township of Langley and shown on the attached Schedule "A", forming part of this bylaw; and
 - b. by replacing Schedule "B" with the attached Schedule "B", forming part of this bylaw, containing Drawing Number S-3200 Sheet 2 titled "Greater Vancouver Sewerage and Drainage District Plan of Fraser Sewerage Area" dated January 7, 2020 to show the boundaries of the Fraser Sewerage Area, as amended.

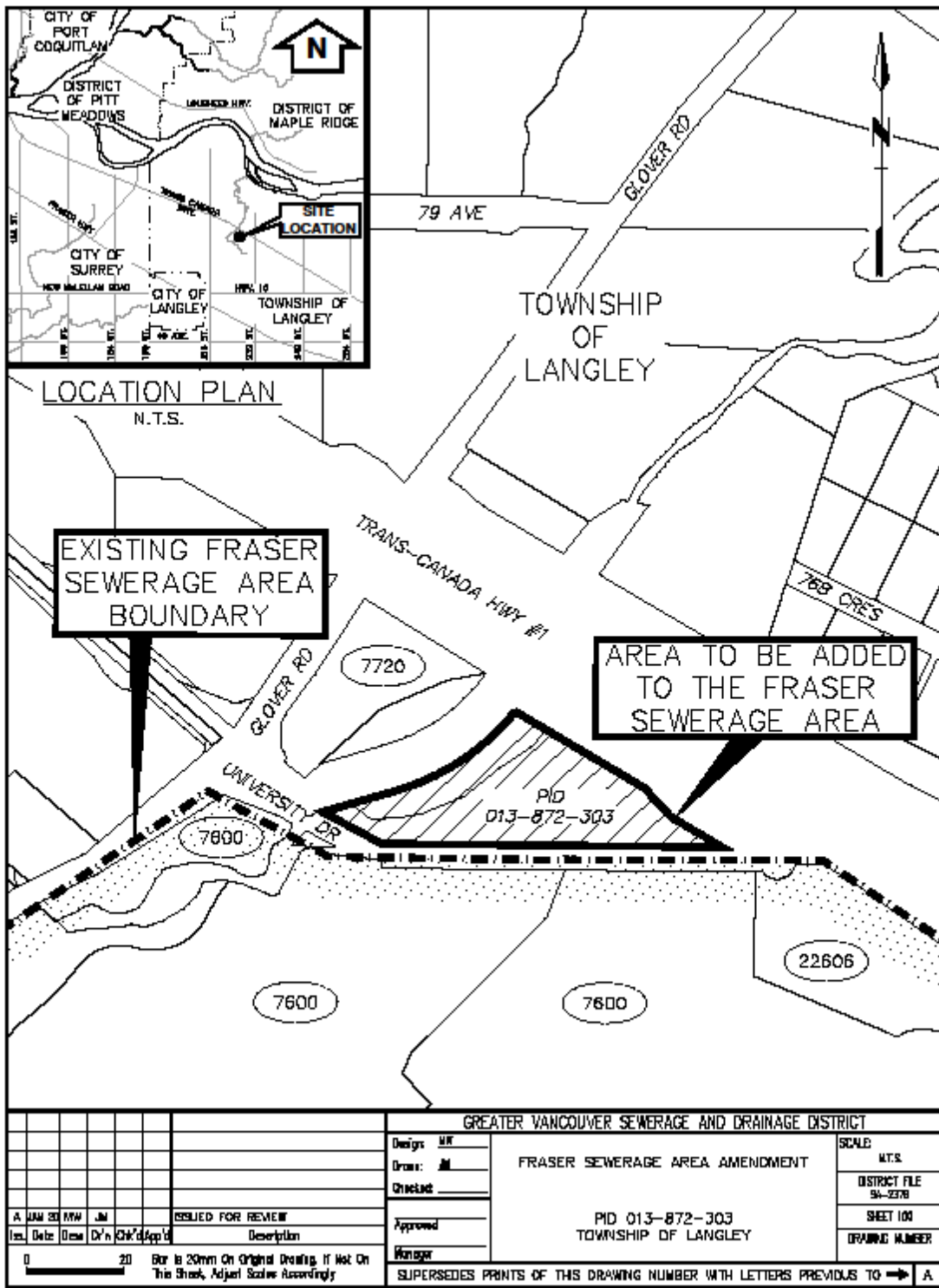
READ A FIRST, SECOND, AND THIRD TIME this _____ day of _____, 2020.

PASSED, AND FINALLY ADOPTED this _____ day of _____, 2020.

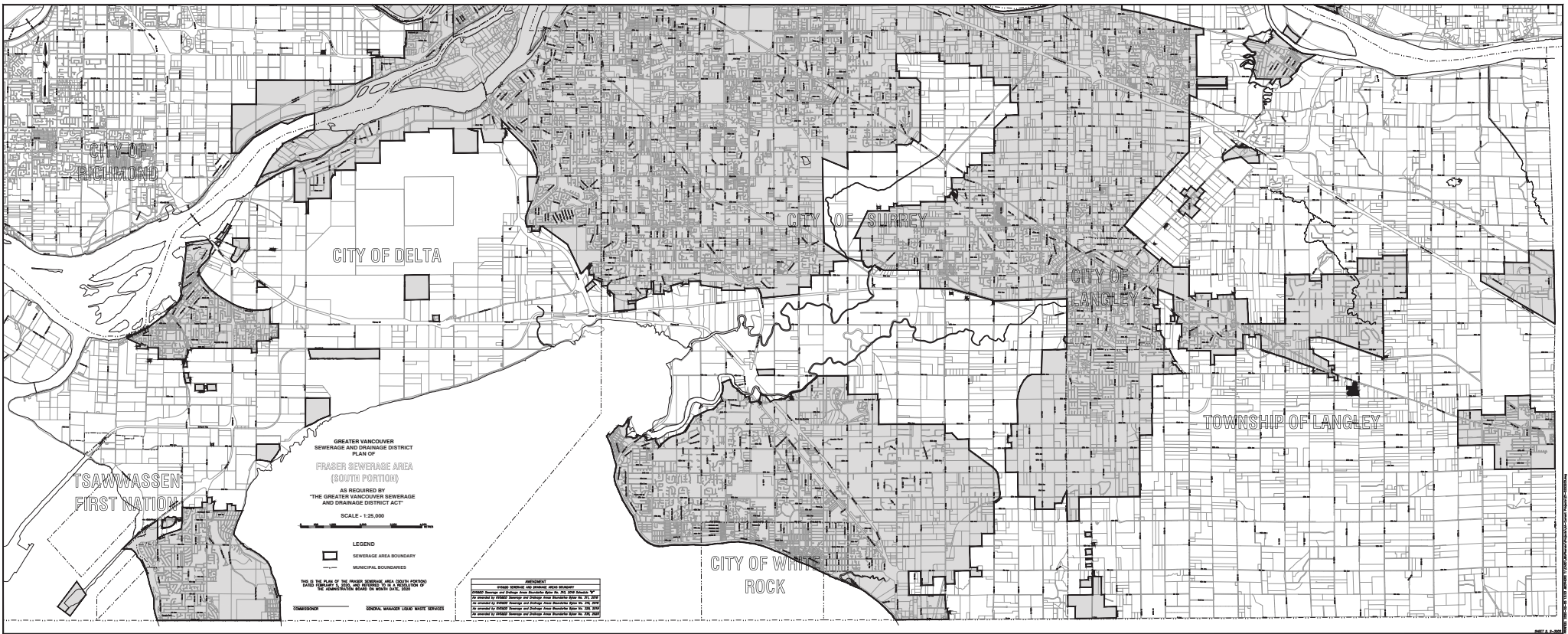
Sav Dhaliwal, Chair

Chris Plagnol, Corporate Officer

SCHEDULE "A"
PLAN IDENTIFYING PROPERTY



SCHEDULE "B"
 MAP OF FRASER SEWERAGE AREA



COMMITTEE INFORMATION ITEMS AND DELEGATION SUMMARIES

Greater Vancouver Sewerage and Drainage District
Board Meeting Date –Friday, March 27, 2020

This information item, listing recent information received by committee, is provided for the GVS&DD Board's information. Please access a complete PDF package [here](#).

Liquid Waste Committee – March 12, 2020

Delegation Summaries:

No delegations presented

Information Items:

5.2 Results for 2019 *Wipe It, Green Bin It* Campaign

Zero Waste Committee – March 13, 2020

Delegation Summaries:

No delegations presented

Information Items:

- 5.1 Customer Service and Communication Enhancements at Metro Vancouver Solid Waste Facilities
- 5.2 Create Memories Not Garbage – 2019 Campaign Results

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