



Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw 8452

The Council of the City of Richmond enacts the following amendments to the **Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551**:

1. The Table of Contents is amended by deleting:

Schedule A Sanitary Sewer Connection Charges; Sanitary Sewer Service Requests; Design Plan Prepared By City [s.1.2.1 (d)]

Schedule B Drainage System Connection Charges; Drainage System Service Calls; Design Plan Prepared By City [s.1.2.1 (d)]

Schedule C Flat Rates for Non-Metered Properties; Rates for Metered Properties; Rates For Commercial; Industrial, Institutional And Agricultural; Construction Period – Per Dwelling Unit; Construction Period – Per Dwelling Unit

and substituting the following:

Schedule A Sanitary Sewer and Drainage System Connection Charges

Schedule B Sanitary Sewer User Fees

2. Part One is amended:

- (a) by deleting sections 1.1.1 and 1.1.2 and substituting:

1.1.1 Unless specifically exempted in this bylaw, every **property owner** must:

- (a) ensure that all **sewage** originating from any **building** located on such **property owner's** property is connected to and discharged into the **City sanitary sewer** system, when such system is available to the property;
 - (b) ensure that all surface water originating from such **property owner's** property is contained entirely on that property and connected to and discharged into the **City drainage system**, when such system is available to the property; and

- (c) pay the connection charges specified in Schedule A for connection to the **City sanitary sewer** system and the **City drainage system** (including, without limiting the generality of the foregoing, the charges relating to the supply and installation of **inspection chambers, manholes, service pipes, and connections to main**).

1.1.2 Where the **property owner** does not connect the **property owner's** property to the **City sanitary sewer** system and the **City drainage system**, as required in subsection 1.1.1, the **General Manager, Engineering & Public Works** may direct that the **City** undertake such connections at the expense of the **property owner**.

- (b) by deleting subsections 1.2.1, 1.2.2, 1.2.3 and 1.2.4 and substituting:

1.2.1 Subject to subsection 1.2.2, every **property owner** wishing to connect a property to the **sanitary sewer** system or to the **drainage system** must, prior to installation:

- (a) apply to the **City** to make the connection or connections;
- (b) pay to the **City** the connection charges specified in Schedule A, as applicable (including, without limiting the generality of the foregoing, the charges relating to the supply and installation of **inspection chambers, manholes, service pipes, and connections to main**);
- (c) submit a design plan or a drawing of each proposed connection, including:
 - (i) existing services;
 - (ii) proposed services;
 - (iii) the location of buildings, trees, driveways and sidewalks;

which plan or drawing has been prepared by a professional engineer in accordance with the current Design Specifications, a publication of the **City's** Engineering Department; and

- (d) at the option of the **property owner**, a design plan or drawing referred to in paragraph (c) may be prepared by the **City** for the fee specified in Schedule A, section 7, as applicable.

1.2.2 Notwithstanding the provisions of clause (a) of subsection 1.2.1, every **property owner** must pay the actual cost, as determined by the **General Manager, Engineering & Public Works**, of any type of connection not specified in Schedule A.

- 1.2.3 Where access required for the purpose of connecting to the **City sanitary sewer system** or **City drainage system** is, in the opinion of the **General Manager, Engineering & Public Works**, blocked or impeded, the **property owner** must immediately remove the blockage or impediment to the extent determined necessary by the **General Manager, Engineering & Public Works**.
- 1.2.4 Where the **property owner** does not remove the blockage or impediment, the **General Manager, Engineering & Public Works** may direct that the **City** undertake the work at the expense of the **property owner**.

(c) by deleting sections 1.3.1, 1.3.2 and 1.3.3 and substituting:

- 1.3.1 A **property owner** wishing to demolish a **building** connected to the **City sanitary sewer system** or the **City drainage system** must not do so until all connections to both the **sanitary sewer system** and the **drainage system** have been disconnected and capped in a manner satisfactory to the **General Manager, Engineering & Public Works**.
- 1.3.2 Where a **property owner** chooses not to disconnect and cap the connection to either the **City sanitary sewer system** or the **City drainage system**, or both, the **General Manager, Engineering & Public Works** may direct that the **City** undertake such disconnections and capping at the expense of the **property owner** and the **property owner** shall forthwith pay the **City** the demolition charges set out in Section 1 of Schedule A.
- 1.3.3 Where a **property owner** fails to disconnect the connection from such **property owner's** property to the **City sanitary sewer system** or the **City drainage system**, or both, in accordance with this bylaw and such failure results in damage to the **City sanitary sewer system** or the **City drainage system**, the **property owner** must pay the actual costs incurred by the **City** in repairing the resulting damage.

3. Part Two is amended:

(a) by deleting section 2.1.1 and substituting the following:

2.1.1 Every **property owner** whose property has been connected:

- (a) to the **City sanitary sewer system** must pay annual user fees for the period from January 1 to December 31, as follows:
- (i) for properties which are not **metered properties**, the flat-rate **sanitary sewer** user fees specified in Part 1 of Schedule B;

(ii) for **metered properties** which are not commercial, industrial, institutional or agricultural properties, the **sanitary sewer** metered rate specified in Part 2 of Schedule B; and

(iii) for **metered properties** which are commercial, industrial, institutional or agricultural properties, the greater of:

A. the **sanitary sewer** metered rate specified in Part 2 of Schedule B; and

B. the **sanitary sewer** metered rate specified in Part 3 of Schedule B; and

(b) to the City **drainage system** must pay the **drainage system** infrastructure replacement fee of \$78.05 per property, for the period January 1 to December 31.

(b) by deleting section 2.2.1 and substituting the following:

2.2.1 Where a **property owner** applies for a building permit for a **one-family dwelling**, a **two-family dwelling**, or a **multiple-family dwelling**, such **property owner** is required to pay the construction period **sanitary sewer** user fee specified in Part 4 of Schedule B.

(c) by deleting sections 2.3.1, 2.3.2 and 2.6.1 and substituting the following:

2.3.1 A **property owner** of a **metered property** who reasonably believes that the volume of **sewage** output from the **building** in question is significantly less than the volume of water delivered to the **building** may apply in writing to the **General Manager, Engineering & Public Works** for a review of the volume of cubic metres assessed under Schedule B, section 2, which application must include:

(a) a report prepared by a professional engineer showing the actual volume of water consumed through internal processes which is not discharged to the **City's sanitary sewer**; and

(b) payment of an application fee in the amount of \$300.

2.3.2 If, after reviewing an application pursuant to this section, and conducting any further review by the **City** that he or she considers necessary, the **General Manager, Engineering & Public Works** is satisfied that the amount of water being consumed for the applicant's internal processes is 30 percent or greater than the total volume of water delivered to the **building**, the sewer fees established in Schedule B, section 2, shall be assessed based on the difference between the volume of water delivered and the volume of water consumed for that process.

- 2.6.1 Where the **City** responds to a request for maintenance or emergency service to the **sanitary sewer system** or **drainage system** and the **City** determines that the problem originates on private property, the **property owner** must pay the fees specified in Part 6 of Schedule A.

4. Part Three is amended:

- (a) by deleting section 3.1 and substituting the following:

3.1 No person responsible for operating a **food sector establishment**, including a **property owner**, operator, manager, employee, agent or contractor, shall discharge or suffer, allow or cause **oil or grease** to be discharged into a **sanitary sewer** or **drainage system** within the **City**.

5. Part Four is amended:

- (a) by deleting sections 4.1 and 4.2 and substituting the following:

4.1 The **Dyke System** is established as a service for the benefit of **property owners** and residents of the **City**.

4.2 Every **property owner** in the **City** must pay a fee for improvements and upgrades to the **Dyke System** in the amount of \$11.11 per parcel for the period from January 1 to December 31, to be paid by December 31st of each calendar year.

6. Part Five is amended:

- (a) by adding the following two definitions to section 5.1:

INSPECTION CHAMBER means a covered chamber which provides an access point for making connections or performing maintenance on the underground **sanitary sewer** system or **drainage system** or related service lines.

MANHOLE means a covered chamber which provides an access point for making connections or performing maintenance on the underground **sanitary sewer** system or **drainage system** or related service mainlines.

7. Bylaw No. 7551 is amended by deleting Schedules A through C and substituting the attached Schedules A and B.

8. This Bylaw comes into force and effect on January 1, 2009.

9. This Bylaw is cited as "**Drainage, Dyke And Sanitary Sewer System Bylaw No. 7551 Amendment Bylaw No. 8452**".

FIRST READING

SECOND READING

THIRD READING

ADOPTED

DEC 08 2008

DEC 08 2008

DEC 08 2008

CITY OF RICHMOND
APPROVED for content by originating dept. 
APPROVED for legality by Solicitor 

MAYOR

CORPORATE OFFICER

SCHEDULE A to BYLAW NO. 7551**SANITARY SEWER AND DRAINAGE SYSTEM CONNECTION CHARGES****1. DEMOLITION CHARGES**

- | | |
|---|---------------|
| a) Cap and abandon existing service | \$ 1,000 each |
| b) Adjustment to top elevation of inspection chamber or manhole | \$ 1,000 each |
| c) Repair of inspection chamber | \$ 1,000 each |

2. INSPECTION CHAMBERS

- | | |
|---|---------------|
| a) Supply and installation of inspection chamber | \$ 2,500 each |
| b) Adjust existing inspection chamber | \$ 750 each |

3. CONNECTION TO MAIN

- | | |
|---|---------------|
| a) Connection to sewer main up to 1.5 metres deep | \$ 3,000 each |
| b) Connection to sewer main over 1.5 metres deep | By Estimate |

4. SERVICE PIPE

- | | |
|---|-----------------|
| a) Supply and install 100 mm--150 mm dia lateral pipe, up to 1.5 m in depth | \$400 per metre |
| b) Supply and install 200 mm dia lateral pipe, up to 1.5 metres in depth | \$450 per metre |
| c) Supply and install 250 mm dia lateral pipe, up to 1.5 m in depth | \$500 per metre |
| d) Supply and install 300 mm dia lateral pipe, up to 1.5 metres in depth | \$550 per metre |
| e) Supply and install 375 mm dia lateral pipe, up to 1.5 metres in depth | \$600 per metre |
| f) Supply and install 400 mm dia lateral pipe, up to 1.5 metres in depth | \$650 per metre |
| g) Supply and install 450 mm dia lateral pipe, up to 1.5 metres in depth | \$700 per metre |
| h) Supply and install 525 mm dia lateral pipe, up to 1.5 metres in depth | \$750 per metre |
| i) Supply and install 600 mm dia lateral pipe, up to 1.5 metres in depth | \$800 per metre |
| j) Supply and install 675 mm dia lateral pipe, up to 1.5 metres in depth | \$850 per metre |
| k) Supply and install 750 mm dia lateral pipe, up to 1.5 metres in depth | \$900 per metre |
| l) Supply and install service lateral pipe over 750 mm dia | By Estimate |
| m) Supply and install service pipe over 1.5 metres deep | By Estimate |

5. MANHOLES

- | | |
|--|---------------|
| a) Supply and install 1050 mm dia manhole, up to 1.5 metres in depth | \$ 6,000 each |
| b) Supply and install 1200 mm dia manhole, up to 1.5 metres in depth | \$ 6,500 each |
| c) Supply and install 1500 mm dia manhole, up to 1.5 metres in depth | \$ 7,000 each |
| d) Supply and install 1800 mm dia manhole, up to 1.5 metres in depth | \$ 7,500 each |
| e) Supply and install manholes over 1800 mm dia | By Estimate |
| f) Supply and install manholes over 1.5 metres deep | By Estimate |

6. SERVICE REQUESTS

For responses by the **City** in connection with a request for maintenance or emergency services [s. 2.6.1]

\$ 300 each

7. DESIGN PLAN PREPARED BY CITY [s. 1.2.1(d)]

\$ 500 each

SCHEDULE B to BYLAW NO. 7551**SANITARY SEWER USER FEES**

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1. FLAT RATES FOR NON-METERED PROPERTIES

(a) Residential Dwellings	Annual Fee Per Unit
(i) One-Family Dwelling or Two-Family Dwelling with ¾-inch water service	\$ 308.39
(i) One-Family Dwelling or Two-Family Dwelling with 1-inch or greater water service	See metered rates
(iii) Multiple-Family Dwellings of less than 4 storeys in height	\$ 282.17
(iv) Multiple-Family Dwellings 4 or more storeys in height	\$ 235.00
(b) Public School (per classroom)	\$ 285.78
(c) Shops and Offices	\$ 241.32

2. RATES FOR METERED PROPERTIES

Rate per cubic metre of water delivered to the property: \$ 0.6994

3. RATES FOR COMMERCIAL, INDUSTRIAL, INSTITUTIONAL AND AGRICULTURAL

Minimum charge in any quarter of a year: \$ 60.75

SCHEDULE B to BYLAW NO. 7551**SANITARY SEWER USER FEES**

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4. CONSTRUCTION PERIOD – PER DWELLING UNIT

Month (2009)	Single-Family Dwellings & Each Unit in a Duplex Dwelling (Rate per unit)	Start Bill Year	Multiple-Family Dwelling (less than 4 storeys in height) (Rate per unit)	Start Bill Year	Multiple-Family Dwelling (4 or more storeys in height) (Rate per unit)	Start Bill Year
January	\$ 154	2010	\$ -	2010	\$ 129	2011
February	\$ 128	2010	\$ 285	2011	\$ 108	2011
March	\$ 103	2010	\$ 259	2011	\$ 86	2011
April	\$ 77	2010	\$ 233	2011	\$ 65	2011
May	\$ 51	2010	\$ 207	2011	\$ 43	2011
June	\$ 26	2010	\$ 181	2011	\$ 22	2011
July	\$ -	2010	\$ 155	2011	\$ -	2011
August	\$ 311	2011	\$ 129	2011	\$ 261	2012
September	\$ 283	2011	\$ 103	2011	\$ 237	2012
October	\$ 254	2011	\$ 78	2011	\$ 213	2012
November	\$ 226	2011	\$ 52	2011	\$ 190	2012
December	\$ 198	2011	\$ 26	2011	\$ 166	2012

