



City of Richmond

Report to Council

To: Richmond City Council **Date:** November 10, 2017
From: Robert Gonzalez, P.Eng. **File:** 03-0970-01/2016-Vol 01
 Deputy CAO and General Manager, Engineering and Public Works
 Andrew Nazareth
 General Manager, Finance & Corporate Services

Re: **2018 Utility Rate Amendment Bylaws**

Staff Recommendation

1. That each of the following bylaws be introduced and given first, second, and third readings:
 - a. Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9781;
 - b. Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9785;
 - c. Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 9782; and
 - d. Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 9791.

Andrew Nazareth
 General Manager,
 Finance & Corporate Services
 (604-276-4095)

Robert Gonzalez, P.Eng.
 Deputy CAO and General Manager,
 Engineering and Public Works
 (604-276-4150)

Att. 4

REPORT CONCURRENCE		
ROUTED TO: Law	CONCURRENCE <input checked="" type="checkbox"/>	CONCURRENCE OF GENERAL MANAGER
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: n/a	APPROVED BY CAO

Staff Report

Origin

The Waterworks and Water Rates Bylaw No. 5637 governs the use of and access to the City's water distribution system as well as fees associated with such use and access. The Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551 governs the use of the City's drainage, diking and sanitary sewer system and fees associated with such use. The Solid Waste & Recycling Regulation Bylaw No. 6803 governs the provision of solid waste and recycling collection services and the fees associated with such use, including service levels.

At the November 6, 2017 Finance Committee, the following recommendation was endorsed by Committee as part of their consideration of the 2018 Utility Budgets and Rates:

That the 2018 Utility Budgets, as outlined under Option 1 for Water, Option 2 for Sewer, Option 2 for Drainage and Diking, and Option 1 for Solid Waste and Recycling, as contained in the staff report dated October 31, 2017 from the General Manager of Finance & Corporate Services and General Manager of Engineering & Public Works, be approved as the basis for establishing the 2018 Utility Rates and preparing the 5 Year Financial Plan (2018-2021) Bylaw.

Subject to Council's endorsement of the above Finance Committee recommendation, this report presents the amending bylaws to set the 2018 utility rates. In addition, a number of housekeeping amendments are proposed to the above-noted bylaws, as outlined in this report.

Analysis

Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9781

Townhouse Flat Rate Amendment

The rate identified in the 2017 Utility Budgets and Rates report for townhouse flat rate customers is \$559.93 and the corresponding bylaw indicates a townhouse flat rate of \$599.93. Staff recommended that bylaw No. 5637 be amended as of December 1, 2017 to reflect the townhouse flat rate approved by Council as part of the 2017 Utility Budgets and Rates report, and that a one-time credit be provided to compensate impacted residents for the additional charge.

Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9785

Multi-Family Water Meter Program – Five-Year Rate Guarantee

At the July 24, 2017 Regular Council Meeting, the following recommendation was endorsed:

That the Advanced Volunteer Multi-Family Water Meter Program, as outlined in Option 2 in the staff report titled "Multi-Family Water Meter Program" from the Director of Engineering, dated June 26, 2017, be included in the 2018 to 2022 Capital Program for Council's Consideration.

The endorsed program includes providing a five-year guarantee for multi-family complexes that take part in the volunteer multi-family water meter program, allowing residents five years to adjust water use habits without financial risk. Under this guarantee, if metered water charges exceed the flat rate in the first five years of the meter install, the complex is only responsible for the flat rate charge. Provisions for providing this guarantee to encourage participation in the volunteer multi-family water metering program are included within the proposed bylaw amendments.

Water Meter Fixed Charge

Bylaw No. 9785 specifies a *water meter rental rate* for metered properties. This is a fixed charge to account for costs associated with meter reading, billing and maintenance of water meters which are owned and maintained by the City. Staff recommends this charge be re-named the *water meter fixed charge* to better reflect the intended use of the charge.

Fees for Hydrant Use

Section 37 and 37.1 of the bylaw outlines the fees associated with fire hydrant use. Staff recommends that the fees be removed from the body of the bylaw and incorporated within Schedule "F" – Miscellaneous Charges where costs are reviewed and adjusted as required annually for inflation.

Invoice Due Date

Bylaw No. 5637 specifies that flat rate user fees must be paid on or before March 31st of each calendar year. As this date may vary from year to year, Amendment Bylaw No. 9785 proposes housekeeping amendments to indicate that the applicable fees shall be paid on or before the invoice due date.

Drainage, Dyke, and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 9782

Multi-Family Water Meter Program – Five-Year Rate Guarantee

Properties which have a water meter installed are charged sanitary sewer user fees based on the property's metered water consumption. Through the Multi-Family Water Meter Program report dated June 26, 2017 from the Director, Engineering, Council endorsed an advanced volunteer multi-family water meter program that includes providing a five-year guarantee for multi-family complexes that participate in the volunteer multi-family water meter program. This guarantee extends to sanitary sewer user fees, and provisions for providing this guarantee are included within the proposed bylaw amendments.

Flood Protection System Fees

The City's Drainage Improvement Reserve Fund was established in 2000 to fund the maintenance, operation and upgrade of drainage and diking infrastructure. Drainage and diking infrastructure works are funded through one utility as key components such as pump stations and canals are shared between the drainage and diking networks which operate as one integrated flood protection system.

The Drainage, Dyke, and Sanitary Sewer System Bylaw No. 7551 can be interpreted to include separate fees for the drainage system and the dike system. Additionally, language in the bylaw can be interpreted to limit use of the funds collected through the Drainage and Diking Utility for capital purposes. Amendment Bylaw No. 9782 proposes housekeeping amendments to clarify the Drainage System Fee and the Dyke System Fee as one Flood Protection System Fee that is used for improvements to and the operation, maintenance and replacement of the City's flood protection system.

Invoice Due Date and Payment Discount

Bylaw No. 7551 specifies that flat rate user fees must be paid on or before March 31st of each calendar year. As this date may vary from year to year, Amendment Bylaw No. 9782 proposes housekeeping amendments to indicate that the applicable fees shall be paid on or before the invoice due date.

Solid Waste & Recycling Regulation Bylaw No. 6803 Amendment Bylaw No. 9791

Multi-Family Cardboard Container Collection

In addition to the specified rates, Amendment Bylaw No. 9791 includes the addition of a rate for weekly cardboard container collection service for multi-family dwellings (i.e. in dumpster-style containers). Currently, Bylaw No. 6803 includes a rate for cardboard collection every two weeks only. To respond to requests from multi-family developments for weekly collection of cardboard, a rate of \$60.00 per bin per month is included in the rate schedules provided. The rate for both weekly or every two week collection service is only charged to those multi-family properties which request the service and specify the desired service level.

Invoice Due Date and Payment Discount

Bylaw No. 6803 specifies that flat rate user fees must be paid on or before March 31st of each calendar year. As this date may vary from year to year, Amendment Bylaw No. 9791 proposes housekeeping amendments to indicate that the applicable fees shall be paid on or before the invoice due date, as specified on the invoice, and that an early payment discount of 10% shall be applicable on all invoices paid on or before the invoice due date.

Summary of Proposed Bylaw Amendments

The following is a summary of the proposed changes for Waterworks and Water Rates Bylaw No. 5637, Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, and Solid Waste and Recycling Bylaw No. 6803:

1. Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9781

- Changes to amend the 2017 water utility flat rate for townhouses to reflect the rate identified in the 2017 Utility Budgets and Rates report.

2. Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9785

- Changes to implement the 2018 water rates as outlined in Option 1 of the 2018 Utility Budgets and Rates report dated October 31, 2017.
- Changes to provide multi-family complexes with a five-year guarantee as part of the volunteer multi-family water meter program as outlined in Option 2 in the Multi-Family Water Meter Program report dated June 26, 2017.
- Changes to re-name the *water meter rental rate* as the *water meter fixed charge*.
- Consolidation of fees associated with fire hydrant usage into Schedule F of the bylaw and update of the fees to account for inflation.
- Amendments to indicate that applicable fees are due on or before the invoice due date.

3. Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 9782

- Changes to implement the 2018 sanitary sewer rates as outlined in Option 2, and drainage and diking rates as outlined in Option 2 of the 2018 Utility Budgets and Rates report dated October 31, 2017.
- Changes to provide multi-family complexes with a five-year guarantee as part of the volunteer multi-family water meter program as outlined in Option 2 in the Multi-Family Water Meter Program report dated June 26, 2017.
- Changes to consolidate the Drainage System Fee and the Dyke System Fee to one Flood Protection System Fee that is used for improvements to and the operation, maintenance and replacement of the City's flood protection system.
- Amendments to indicate that applicable fees are due on or before the invoice due date.

4. Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 9791

- Changes to implement the 2018 solid waste and recycling rates as outlined in Option 1 of the 2018 Utility Budgets and Rates report dated October 31, 2017.
- Introduces a weekly collection rate for cardboard collection from multi-family developments, where such service level is requested.
- Amendments to indicate that applicable fees are due on or before the invoice due date, and that an early payment discount of 10% shall be applicable on all invoices paid on or before the invoice due date.

Financial Impact

The rates outlined in the proposed amending bylaws represent full cost recovery for each respective utility area. The impact to ratepayers is outlined in the "2018 Utility Budgets and Rates" report, dated October 31, 2017.

Conclusion

The amending bylaws presented with this report require Council's approval to charge for the various utility services in 2018. These services include the provision of high-quality drinking water for all residents and businesses, sewage conveyance and treatment, and solid waste and recycling services.

A strong fiscal management approach is applied towards ensuring that on-going replacement costs are also included in the City's rates, as part of ensuring sound capital investment for infrastructure. This ensures a high level of consistent services for the community.

The costs and rates strategy outlined manage these competing costs effectively while balancing the fiscal challenges presented by increases in regional costs.



Lloyd Bie, P.Eng.
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Suzanne Bycraft
Manager, Fleet & Environmental Programs
(604-233-3338)

- Att. 1: Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9781
- 2: Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9785
- 3: Drainage, Dyke, and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 9782
- 4: Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 9791



City of Richmond

Bylaw 9781

Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9781

The Council of the City of Richmond enacts as follows:

1. The **Waterworks and Water Rates Bylaw No. 5637**, as amended, is further amended by deleting Schedule A and substituting the schedule attached to and forming part of this Bylaw.
2. This Bylaw comes into force and effect on December 1, 2017
3. This Bylaw is cited as "**Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9781**".

FIRST READING

SECOND READING

THIRD READING

ADOPTED

CITY OF RICHMOND
APPROVED for content by originating dept.
<i>CS</i>
APPROVED for legality by Solicitor
<i>SS</i>

MAYOR

CORPORATE OFFICER

SCHEDULE TO BYLAW NO. 9781**SCHEDULE "A" to BYLAW NO. 5637****BYLAW YEAR - 2017****FLAT RATES FOR
RESIDENTIAL, AGRICULTURAL, AND INSTITUTIONAL PROPERTIES**

	Annual Fee
A. Residential dwellings per unit	
One-Family Dwelling or Two-Family Dwelling	\$684.02
Townhouse	\$559.93
Apartment	\$360.81
B. Stable or Barn per unit	\$137.82
C. Field Supply – each trough or water receptacle or tap	\$86.16
D. Public Schools for each pupil based on registration January 1 st	\$8.16



**Waterworks and Water Rates Bylaw No. 5637,
Amendment Bylaw No. 9785**

The Council of the City of Richmond enacts as follows:

1. The **Waterworks and Water Rates Bylaw No. 5637**, as amended, is further amended:
 - a) By deleting section 13(b) and substituting the following:

“(b) Every owner of a property which does not have metered water service will be invoiced annually and must pay the rates specified in Schedule A on or before the invoice due date.”
 - b) by deleting section 13(c)(i) and substituting the following:

“(i) must pay for water consumption at the rates specified in Schedule B or C, as applicable, and pay the **water meter** fixed charge specified in Schedule B or C, as applicable;”
 - c) by inserting the following and new subsection 13(e) and renumbering the remaining subsections:

“(e) Every owner of a **multi-family dwelling** which has a **water meter** installed pursuant to section 9(b) of this Bylaw will receive a credit to be applied to future water charges equal to the difference between the metered charges for the first 60 months of consumption subsequent to the initial meter reading for billing purposes and the amount that would have been payable on a flat rate basis, provided:

 - (i) the metered charges exceed the flat rate by more than \$10; and
 - (ii) the **property owner** or **property owners** submits a request for the credit to the City in writing within 15 months of the calendar year over which the credit shall be applied. The credit will be the difference of the metered charges and the flat rate charge for the applicable calendar year.
 - d) by deleting section 37(c) and 37(d) and substituting the following:

“(c) An applicant who is required to have a water meter shall pay a refundable deposit for the water meter and the fees set out in Schedule F of this Bylaw.

- (d) An applicant who is not required to have a water meter shall pay fees set out in Schedule F of this Bylaw.
 - e) by deleting section 37.1(c) and 37(d) and substituting the following:
 - “(c) An applicant who is required to have a water meter shall pay a refundable deposit for the water meter and the fees set out in Schedule F of this Bylaw.
 - (d) An applicant who is not required to have a water meter shall pay fees set out in Schedule F of this Bylaw.
 - f) by deleting Schedules A through G and substituting the Schedules attached to and forming part of this Bylaw.
2. This Bylaw comes into force and effect on January 1, 2018.
 3. This Bylaw is cited as **“Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9785”**.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

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

MAYOR

CORPORATE OFFICER

SCHEDULE TO BYLAW NO. 9785**SCHEDULE "A" to BYLAW NO. 5637****BYLAW YEAR - 2018****FLAT RATES FOR
RESIDENTIAL, AGRICULTURAL, AND INSTITUTIONAL PROPERTIES**

	Annual Fee
A. Residential dwellings per unit	
One-Family Dwelling or Two-Family Dwelling	\$693.67
Townhouse	\$567.82
Apartment	\$365.90
B. Stable or Barn per unit	\$139.76
C. Field Supply – each trough or water receptacle or tap	\$87.37
D. Public Schools for each pupil based on registration January 1 st	\$8.28

SCHEDULE "B" TO BYLAW NO. 5637

BYLAW YEAR 2018

**METERED RATES FOR
INDUSTRIAL, COMMERCIAL, INSTITUTIONAL, MULTI-FAMILY,
STRATA-TITLED AND FARM PROPERTIES**

1. RATES

Consumption per cubic metre:	\$1.3063
Minimum charge in any 3-month period (not applicable to Farms)	\$114.00

2. WATER METER FIXED CHARGE

Fixed charge per **water meter** for each 3-month period:

<u>Meter Size</u>	<u>Fixed Charge</u>
16 mm to 25 mm (inclusive)	\$15
32 mm to 50 mm (inclusive)	\$30
75 mm	\$110
100 mm	\$150
150 mm	\$300
200 mm and larger	\$500

SCHEDULE "C" TO BYLAW NO. 5637

BYLAW YEAR 2018

**METERED RATES FOR
ONE-FAMILY DWELLING AND TWO-FAMILY DWELLING**

1. RATES

Consumption per cubic metre: \$1.3063

2. WATER METER FIXED CHARGE

Fixed charge per **water meter** for each 3-month period:

<u>Meter Size</u>	<u>Fixed Charge</u>
16 mm to 25 mm (inclusive)	\$12
32 mm to 50 mm (inclusive)	\$14
75 mm	\$110
100 mm	\$150
150 mm	\$300
200 mm and larger	\$500

SCHEDULE "D" to BYLAW 5637

BYLAW YEAR - 2018

1. WATER CONNECTION CHARGE

One-Family, Two-Family, Multi-Family, Industrial, Commercial Water Connection Size	Connection Charge	
	Tie In Charge	Price Per Metre of Service Pipe
25 mm (1") diameter	\$2,550	\$175.00
40 mm (1 ½") diameter	\$3,500	\$175.00
50 mm (2") diameter	\$3,650	\$175.00
100 mm (4") diameter or larger	in accordance with Section 38	in accordance with Section 38

2. DESIGN PLAN PREPARED BY CITY

Design plan prepared by City for One-Family Dwelling or Two-Family Dwelling \$1,000 each

Design plan for all other buildings \$2,000

3. WATER METER INSTALLATION FEE

Install water meter [s. 3A(a)] \$1,000 each

SCHEDULE "E" to BYLAW 5637**BYLAW YEAR - 2018****CONSTRUCTION PERIOD WATER CONSUMPTION RATES –
RESIDENTIAL**

MONTH (2018)	ONE-FAMILY DWELLINGS & EACH UNIT IN A TWO-FAMILY DWELLING (rate per unit)	START BILL YEAR	MULTI- FAMILY LESS THAN 4 STOREYS (rate per unit)	START BILL YEAR	MULTI- FAMILY 4 STOREYS OR MORE (rate per unit)	START BILL YEAR
January	\$694	2019	\$568	2019	\$750	2020
February	\$636	2019	\$1,117	2020	\$720	2020
March	\$578	2019	\$1,069	2020	\$689	2020
April	\$520	2019	\$1,022	2020	\$659	2020
May	\$462	2019	\$975	2020	\$628	2020
June	\$405	2019	\$927	2020	\$598	2020
July	\$347	2019	\$880	2020	\$567	2020
August	\$1,017	2020	\$833	2020	\$940	2021
September	\$960	2020	\$785	2020	\$910	2021
October	\$902	2020	\$738	2020	\$879	2021
November	\$844	2020	\$691	2020	\$849	2021
December	\$786	2020	\$644	2020	\$818	2021

**CONSTRUCTION PERIOD WATER CONSUMPTION RATES –
COMMERCIAL AND INDUSTRIAL**

Water Connection Size	Consumption Charge
20mm (3/4") diameter	\$140
25mm (1") diameter	\$275
40mm (1 1/2") diameter	\$685
50mm (2") diameter and larger	\$1,715

SCHEDULE "F" to BYLAW 5637**BYLAW YEAR - 2018****MISCELLANEOUS CHARGES**

1.	For an inaccessible meter as set out in Section 7	\$174 per quarter
2.	For each turn on or turn off	\$100
3.	For each non-emergency service call outside regular hours	Actual Cost
4.	Fee for testing a water meter	\$365
5.	Water Service Disconnections:	
	(a) when the service pipe is temporarily disconnected at the property line for later use as service to a new building	\$165
	(b) when the service pipe is not needed for a future development and must be permanently disconnected at the watermain, up to and including 50mm	\$1,100
	(c) if the service pipe is larger than 50mm	Actual Cost
6.	Troubleshooting on private property	Actual Cost
7.	Fire flow tests of a watermain:	
	First test	\$250
	Subsequent test	\$150
8.	Locate or repair of curb stop service box or meter box	Actual Cost
9.	Toilet rebate per replacement	\$100
10.	Fee for water meter verification request	\$50
11.	Fee for use of City fire hydrants:	
	(a) Where the installation of a water meter is required:	
	Refundable deposit:	\$340
	Consumption fee: the greater of the rates set out in Item 1 of Schedule B or C, or	\$218

(b)	Where the installation of a water meter is not required:	
	First day	\$218
	Each additional day of use beyond the first day	\$72
12.	Fee for use of Private fire hydrants:	
(a)	Where the installation of a water meter is required:	
	Refundable deposit:	\$360
	Consumption fee: the greater of the rates set out in Item 1 of Schedule B or C, or	\$210
(b)	Where the installation of a water meter is not required:	
	First day	\$100
	Each additional day of use beyond the first day	\$65

SCHEDULE "G" to BYLAW 5637**BYLAW YEAR - 2018****RATES FOR VANCOUVER INTERNATIONAL AIRPORT AUTHORITY (YVR)**

Applicable rate is \$0.7767 per cubic meter of water consumed, plus the following amounts:

- YVR's share of future water infrastructure capital replacement calculated at \$0.3372 per m³
- 50% of the actual cost of operations and maintenance activities on water infrastructure shared by the **City** and YVR, as shown outlined in red on the plan attached as Schedule H
- 100% of the actual cost of operations and maintenance activities on water infrastructure serving only YVR, as shown outlined in red on the plan attached as Schedule H
- 100% of the actual cost of operations and maintenance activities on a section of 1064 m water main, as shown outlined in green on the plan attached as Schedule H from the date of completion of the Canada Line public transportation line for a period of 5 years. After the 5 year period has expired, costs for this section will be equally shared between the **City** and YVR
- 76 m³ of water per annum at a rate of \$0.7767 per cubic meter for water used annually for testing and flushing of the tank cooling system at Storage Tank Farm TF2 (in lieu of metering the 200 mm diameter water connection to this facility)

(Note: water infrastructure includes water mains, pressure reducing valve stations, valves, hydrants, sponge vaults and appurtenances)



**Drainage, Dyke and Sanitary Sewer Bylaw No. 7551,
Amendment Bylaw No. 9782**

The Council of the City of Richmond enacts as follows:

1. The **Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551**, as amended, is further amended:
 - a) by deleting Section heading **PART TWO: USER AND INFRASTRUCTURE REPLACEMENT FEES** and replacing it with **PART TWO: FLOOD PROTECTION SYSTEM AND SANITARY SEWER USER FEES**
 - b) by deleting subsection 2,1 and replacing it with the following:

“2.1 Imposition of Flood Protection System and Sanitary User Fees

2.1.1 Unless otherwise provided in this Bylaw, every **property owner** whose property has been connected to the **City sanitary sewer** must pay user fees as follows:

- (a) for properties which are not **metered properties**, the flat-rate **sanitary sewer** user fees specified in Part 1 of Schedule B for the period from January 1 to December 31 of each year;
- (b) for **metered properties** which are not commercial, industrial, institutional or agricultural properties, the **sanitary sewer** metered rate or rates specified in Part 2 of Schedule B; and
- (c) except where subsection 2.1.1(d) applies, for **metered properties** which are commercial, industrial, institutional or agricultural properties, the greater of:
 - (i) the **sanitary sewer** metered rate or rates specified in Part 2 of Schedule B; or
 - (ii) minimum **sanitary sewer** charge specified in Part 3 of Schedule B; and

- (d) for industrial, commercial, and institutional properties which are **metered properties** and operate under a Metro Vancouver permit and do not receive fee reductions in accordance with section 2.3.2 of this bylaw, 75% of the rates specified in subsection 2.1.1(c).

2.1.2 Every owner of a **one-family dwelling** or **two-family dwelling** which has a water meter installed:

- (a) pursuant to the universal or voluntary water metering program under section 14(b) or 22A of the *Waterworks and Water Rates Bylaw No. 5637*; or
- (b) as a consequence of a **City** infrastructure renewal program,

will receive a credit to be applied to future sewer charges equal to the difference between the metered charges for the first 12 months of consumption subsequent to the initial meter reading for billing purposes and the amount that would have been payable on a flat rate basis, provided:

- (c) the metered charges exceed the flat rate by more than \$10;
- (d) the **property owner** submits a request for the credit to the **City** in writing within 15 months of the initial metered billing start date; and
- (e) there has been no change in ownership of the property.

2.1.3 Every owner of a **multiple-family dwelling** which has a **water meter** installed pursuant to section 9(b) of the *Waterworks and Water Rates Bylaw No. 5637* will receive a credit to be applied to future sewer charges equal to the difference between the metered charges for the first 60 months of consumption subsequent to the initial meter reading for billing purposes and the amount that would have been payable on a flat rate basis, provided:

- (a) the metered charges exceed the flat rate by more than \$10; and
- (b) the **property owner** or **property owners** submits a request for the credit to the **City** in writing within 15 months of the calendar year over which the credit shall be applied. The credit will be the difference of the metered charges and the flat rate charge for the applicable calendar year.

2.1.4 Every property owner in the city must pay a **Flood Protection System** fee in the amount specified in Schedule C for the period from January 1 to December 31 of each year.”

c) by deleting subsection 2.4 and replacing it with the following:

“2.4 Date of User and Flood Protection System Fee Payments

2.4.1 All **sanitary sewer** system user fees calculated on a flat-rate basis and all **flood protection system** fees must be paid on or before the invoice due date.

2.4.2 **Sanitary sewer** system user fees for **metered properties** are invoiced quarterly and are due and payable within 30 days of being invoiced.”

d) by deleting subsection 2.5.1 and replacing it with the following:

“2.5.1 All **sanitary sewer** system user fees and **flood protection system** fees which are paid on or before the due dates specified in section 2.4 will be subject to a 10 percent discount.”

e) by deleting Part Four: Dyke System in its entirety;

f) by inserting following definition in alphabetical order:

“**FLOOD PROTECTION SYSTEM** means all components of the **drainage system** or the **dyke system**.”

g) by deleting Schedule B and Schedule C in their entirety and substituting the schedules attached to and forming part of this Bylaw.

2. This Bylaw comes into force and effect on January 1, 2018.’

3. This Bylaw is cited as “**Drainage, Dyke and Sanitary Sewer Bylaw No. 7551, Amendment Bylaw No. 9782**”.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

MAYOR

CORPORATE OFFICER

CITY OF RICHMOND
APPROVED for content by originating dept. <i>UB</i>
APPROVED for legality by Solicitor <i>SS</i>

SCHEDULE to Bylaw 9782**SCHEDULE B to BYLAW NO. 7551****SANITARY SEWER USER FEES****1. FLAT RATES FOR NON-METERED PROPERTIES****Annual Fee Per Unit**

(a) Residential Dwellings	
(i) One-Family Dwelling or Two-Family Dwelling	\$477.49
(ii) Multiple-Family Dwellings of less than 4 storeys in height	\$436.89
(iii) Multiple-Family Dwellings 4 or more storeys in height	\$363.87
(b) Public School (per classroom)	\$373.67
(c) Shops and Offices	\$442.48

2. RATES FOR METERED PROPERTIES

Regular rate per cubic metre of water delivered to the property: \$ 1.1646

3. RATES FOR COMMERCIAL, INDUSTRIAL, INSTITUTIONAL AND AGRICULTURAL

Minimum charge in any quarter of a year: \$ 86.00

SCHEDULE B to BYLAW NO. 7551**SANITARY SEWER USER FEES****4. CONSTRUCTION PERIOD – PER DWELLING UNIT**

Month (2016)	One-Family Dwellings & Each Unit in a Two-Family Dwelling (rate per unit)	Start Bill Year	Multi-Family Dwelling Less than 4 Storeys (rate per unit)	Start Bill Year	Multi-Family Dwelling 4 Storeys or More (rate per unit)	Start Bill Year
January	\$477	2019	\$437	2019	\$746	2020
February	\$438	2019	\$859	2020	\$716	2020
March	\$398	2019	\$823	2020	\$685	2020
April	\$358	2019	\$786	2020	\$655	2020
May	\$318	2019	\$750	2020	\$625	2020
June	\$279	2019	\$714	2020	\$594	2020
July	\$239	2019	\$677	2020	\$564	2020
August	\$700	2020	\$641	2020	\$935	2021
September	\$661	2020	\$604	2020	\$905	2021
October	\$621	2020	\$568	2020	\$874	2021
November	\$581	2020	\$532	2020	\$844	2021
December	\$541	2020	\$495	2020	\$814	2021

SCHEDULE C to BYLAW NO. 7551**FLOOD PROTECTION SYSTEM FEES**

	Annual Fee Per Unit
1. FLOOD PROTECTION SYSTEM FEES	
(a) Residential Dwellings	
(i) One-Family Dwelling or Two-Family Dwelling	\$157.46
(ii) Multiple-Family Dwellings	\$155.90
(b) Agricultural properties	\$157.46
(c) Stratified industrial, commercial and institutional properties	\$157.46
(d) Non-stratified industrial, commercial and institutional properties with lot areas less than 800 m ²	\$157.46
(e) Non-stratified industrial, commercial and institutional properties with lot areas greater than 800 m ²	\$335.11
(f) Non-stratified industrial, commercial and institutional properties with lot areas greater than 10,000 m ²	\$670.22



City of Richmond

Bylaw 9791

Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 9791

The Council of the City of Richmond enacts as follows:

1. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended:
 - (a) by deleting subsection 11.1(b) and substituting it with the following:
 - “(b) in subsequent years are due on or before the invoice due date, and if paid on or before the invoice due date, are subject to a 10% discount.”
 - (b) by deleting Schedules A through D and substituting Schedule A attached to and forming part of this Bylaw.

2. This Bylaw is cited as **“Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 9791”** and is effective January 1, 2018.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

CITY OF RICHMOND
APPROVED for content by originating dept.

APPROVED for legality by Solicitor
SS

MAYOR

CORPORATE OFFICER

SCHEDULE A to BYLAW NO. 9791**BYLAW YEAR: 2018****SCHEDULE A to BYLAW NO. 6803**

FEES FOR CITY GARBAGE COLLECTION SERVICE	
Annual City garbage collection service fee for each unit in a single-family dwelling, each unit in a duplex dwelling, and each unit in a townhouse development: 80L container	\$ 75.00
Annual City garbage collection service fee for each unit in a townhouse development with weekly collection service: 80L container	\$ 90.00
Annual City garbage collection service fee for each unit in a single-family dwelling, each unit in a duplex dwelling, and each unit in a townhouse development: 120L container	\$ 99.44
Annual City garbage collection service fee for each unit in a townhouse development with weekly collection service: 120L container	\$ 119.33
Annual City garbage collection service fee for each unit in a single-family dwelling, each unit in a duplex dwelling, and each unit in a townhouse development: 240L container	\$ 117.22
Annual City garbage collection service fee for each unit in a townhouse development with weekly collection service: 240L container	\$ 140.67
Annual City garbage collection service fee for each unit in a single-family dwelling, each unit in a duplex dwelling, and each unit in a townhouse development: 360L container	\$ 228.33
Annual City garbage collection service fee for each unit in a townhouse development with weekly collection service: 360L container	\$ 274.00
Annual City garbage collection service fee for each unit in a multi-family dwelling	
- Weekly service	\$ 40.00
- Twice per week service	\$ 78.33
Optional Monthly City garbage collection service fee for Commercial customers	
- Weekly service	\$ 74.39
- Cost per additional cart	\$ 29.76
Optional Monthly City garbage collection service fee for Commercial customers	
- Twice weekly service	\$ 131.61
- Cost per additional cart	\$ 57.22
Fee for garbage cart replacement	\$ 25.00
Fee for each excess garbage container tag	\$ 2.00
Large Item Pick Up fee	\$ 9.72

SCHEDULE A to BYLAW NO. 9791

SCHEDULE B to BYLAW NO. 6803

FEES FOR CITY RECYCLING SERVICE	
Annual City recycling service fee:	
(a) For residential properties, which receive blue box service (per unit)	\$ 51.61
(b) For multi-family dwellings or townhouse developments which receive centralized collection service (per unit)	\$ 36.17
Annual City recycling service fee:	
(a) For yard and garden trimmings and food waste from single-family dwellings and from each unit in a duplex dwelling (per unit)	\$ 136.22
(b) For yard and garden trimmings and food waste from townhome dwellings that receive City garbage or blue box service (per unit)	\$ 54.94
(c) For yard and garden trimmings and food waste from multi-family dwellings	
- Weekly Service	\$ 41.61
- Twice per week service	\$ 61.39
Cardboard bin recycling service for multi-family dwellings, collected once every 2 weeks	\$ 50.00/bin/month
Cardboard bin recycling service for multi-family dwellings, collected weekly	\$ 60.00/bin/month
Fee for yard/food waste cart replacement	\$ 25.00
Annual City recycling service fee for non-residential properties	\$ 2.77
Optional Monthly City organics collection service fee for Commercial customers	
- Weekly service	\$ 66.67
- Cost per additional cart	\$ 27.78
Optional Monthly City organics collection service fee for Commercial customers	
- Twice weekly service	\$ 105.56
- Cost per additional cart	\$ 44.44
City recycling service fee for the Recycling Depot:	
(a) (i) for yard and garden trimmings from residential properties	\$20.00 per cubic yard for the second and each subsequent cubic yard
(ii) for recyclable material from residential properties	\$ 0.00
(b) For yard and garden trimmings from non-residential properties	\$20.00 per cubic yard
(c) For recycling materials from non-residential properties	\$ 0.00

SCHEDULE C to BYLAW NO. 6803

FEES FOR CITY LITTER COLLECTION SERVICE	
Annual City litter collection service fee for both residential properties and non-residential properties	\$ 33.11

SCHEDULE A to BYLAW NO. 9791

SCHEDULE D TO BYLAW 6803

NEW RESIDENTIAL PROPERTY PAYMENT FEE SCHEDULE												
RECYCLING & LITTER COLLECTION FEE PER STRATA LOT												
RECYCLING & LITTER COLLECTION FEE												
GARBAGE, RECYCLING & LITTER COLLECTION FEE												
Month in Current Year in which Building Permit is Issued	Single-Family Dwellings & Each Unit in a Duplex Dwelling			Townhouse Development			Townhouse Development			Multi-Family Development		
	Prorated Fee Per Unit	Year in which Annual Fee Commences	Prorated Fee Per Unit	Year in which Annual Fee Commences	Prorated Fee Per Unit	Year in which Annual Fee Commences	Prorated Fee Per Unit	Year in which Annual Fee Commences	Prorated Fee Per Unit	Year in which Annual Fee Commences	Prorated Fee Per Unit	Year in which Annual Fee Commences
January	\$ 157	2019	\$ -	2019	\$ -	2019	\$ -	2019	\$ -	2019	\$ 51	2020
February	\$ 130	2019	\$ 209	2020	\$ 118	2020	\$ 42	2020	\$ 42	2020	\$ 42	2020
March	\$ 104	2019	\$ 190	2020	\$ 107	2020	\$ 34	2020	\$ 34	2020	\$ 34	2020
April	\$ 78	2019	\$ 171	2020	\$ 96	2020	\$ 25	2020	\$ 25	2020	\$ 25	2020
May	\$ 52	2019	\$ 152	2020	\$ 85	2020	\$ 17	2020	\$ 17	2020	\$ 17	2020
June	\$ 26	2019	\$ 133	2020	\$ 75	2020	\$ 8	2020	\$ 8	2020	\$ 8	2020
July	\$ -	2019	\$ 114	2020	\$ 64	2020	\$ -	2020	\$ -	2020	\$ -	2020
August	\$ 293	2020	\$ 95	2020	\$ 53	2020	\$ 95	2020	\$ 95	2021	\$ 95	2021
September	\$ 266	2020	\$ 76	2020	\$ 43	2020	\$ 87	2020	\$ 87	2021	\$ 87	2021
October	\$ 240	2020	\$ 57	2020	\$ 32	2020	\$ 78	2020	\$ 78	2021	\$ 78	2021
November	\$ 213	2020	\$ 38	2020	\$ 21	2020	\$ 69	2020	\$ 69	2021	\$ 69	2021
December	\$ 186	2020	\$ 19	2020	\$ 11	2020	\$ 61	2020	\$ 61	2021	\$ 61	2021