



## Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw 8453

The Council of the City of Richmond enacts the following amendments to The City of Richmond Waterworks And Water Rates Bylaw No. 5637:

1. The Bylaw is amended by:

(a) inserting the following definitions into Part 1:

**FAMILY** means one or more persons occupying a **dwelling unit** and living together as a single non-profit housekeeping unit, but limited to a maximum of six persons who are unrelated by blood or marriage

**PROPERTY OWNER** means the registered owner of a parcel of land in the **City**

(b) deleting the word "family" in the definition of "DWELLING UNIT" and substituting it with the word "**family**";

(c) deleting the phrase "dwelling unit" wherever it appears in the Bylaw and substituting it with "**dwelling unit**";

(d) deleting section 2 d) and substituting the following:

(d) At the option of the applicant, a design plan or drawing referred to in subsection 2(a)(iv) may be prepared by the **City** for the fee specified in Schedule D.

(e) deleting section 4.(b) and substituting the following:

(b) Where an application for a **building permit** has been made:

- (i) for works having a value of \$75,000 or greater; or
- (ii) where the existing water service pipe between the **City** stop at the main and the curb stop at the property line:

- A. was installed more than 25 years ago; or
- B. is less than 25 mm in diameter;

a new **water meter** service shall be installed by the **City** at the owner's expense, in accordance with the Water Connection Fees set out in Schedule D.

- (f) deleting section 5 and substituting the following:

**5. City's Capacity**

Nothing in this Bylaw contained or implied herein, nor any act or undertaking of the **City** shall be construed as prejudicing or affecting the rights and powers of the **City** in the exercise of its functions under any public and private statutes and bylaws in connection with the establishment, construction, maintenance, alteration or removal of **waterworks** or in regard to the provision, limitation or cessation of a supply of water.

- (g) deleting section 17 and substituting the following:

**17. Schedules**

Schedules A, B, C, D, E, F, G and H attached hereto are hereby incorporated with and form part of this Bylaw.

- (h) deleting section 22A and substituting the following:

**22A Voluntary Water Metering**

- (a) Where an owner of an existing **one-family dwelling** requests to have a **water meter** installed and connected to the **City** water service, the **City** will supply and install the **water meter** at no charge and the new **water meter** charge specified in Schedule D will not apply.
- (b) Where one owner of an existing **two-family dwelling** requests to have a **water meter** installed and connected to the **City** water service, and the existing **two-family dwelling** has a shared water service, the **City** will supply and install one **water meter** at no charge and the new **water meter** charge specified in Schedule D will not apply. The **City** will reimburse only the owner making the initial request up to an amount of \$3,000.00 (as determined by the **City** in its sole discretion) of the cost of the owner making the necessary plumbing alterations to allow for individual metering of one of the **two-family dwellings**. The owner of the **two-family dwelling** not having individual metering shall be charged a flat rate until such time as that owner requests to have a **water meter** installed and connected to the **City** water service. At that time the **City** will supply and install the **water meter** at no charge and the new **water meter** charge specified in Schedule D will not apply.
- (i) deleting "25a" in line 1 of section 25B.(a) and replacing it with "25A";
- (j) deleting Schedules A through G in their entirety and substituting them with Schedules A through G attached to and forming part of this Bylaw.

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

3. This Bylaw is cited as "Waterworks And Water Rates Bylaw No. 5637, Amendment Bylaw No. 8453".

FIRST READING

DEC 08 2008

SECOND READING

DEC 08 2008

THIRD READING

DEC 08 2008

ADOPTED

CITY OF RICHMOND
APPROVED for content by originating

APPROVED for legality by Solicitor


\_\_\_\_\_  
MAYOR

\_\_\_\_\_  
CORPORATE OFFICER

**SCHEDULE "A" to BYLAW NO. 5637****BYLAW YEAR - 2009****FLAT RATES FOR RESIDENTIAL, AGRICULTURAL, AND  
INSTITUTIONAL PURPOSES ONLY**

A.	Residential Dwellings per unit	
	Dwellings with 20 mm ( $\frac{3}{4}$ " ) water service	\$501.64
	Dwellings with 25mm (1" ) water service or greater	See Metered Rates – Schedule B
	Townhouse	\$410.65
	Apartment	\$264.62
B.	Stable or Barn per unit	\$101.08
C.	Field Supply – each trough or water receptacle or tap	\$63.18
D.	Public Schools for each pupil based on registration January 1 <sup>st</sup>	\$5.98

**SCHEDULE B to BYLAW NO. 5637****BYLAW YEAR – 2009****METERED RATES****(Page 1 of 2)****METERED COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL PROPERTIES  
AND MULTIPLE-FAMILY AND STRATA TITLED PROPERTIES****1. RATES**

All consumption per cubic metre:	\$0.8860
Minimum charge in any 3-month period:	\$95.00
Undetected leak rate per cubic metre (per section 25B of this bylaw):	\$0.4428

**2. RENTS FOR EACH METER**Rent per **water meter** for each 3-month period:

For a 16mm (5/8") meter	\$11.00
For a 20mm (3/4") meter	\$14.00
For a 25mm (1") meter	\$15.50
For a 32mm (1 1/4") meter	\$27.00
For a 40mm (1 1/2") meter	\$27.00
For a 50mm (2") meter	\$30.50

**COMPOUND TYPE**

75mm (3")	\$103.00
100mm (4")	\$158.00
150mm (6")	\$262.00

**TURBINE TYPE**

50mm (2")	\$60.50
75mm (3")	\$78.00
100mm (4")	\$113.00
150mm (6")	\$215.50
200mm (8")	\$280.00

**FIRE LINE TYPE**

100mm (4")	\$271.00
150mm (6")	\$366.00
200mm (8")	\$475.00
250mm (10")	\$633.00

**SCHEDULE B to BYLAW NO. 5637****BYLAW YEAR – 2009****METERED RATES****(Page 2 of 2)****METERED RESIDENTIAL PROPERTIES****1. RATES**

All consumption per cubic metre:	\$0.8860
Minimum charge in any 3-month period:	\$20.00
Underground leak rate per cubic metre (per section 25B of this bylaw):	\$0.4428

**2. MAINTENANCE CHARGE FOR EACH METER**

Maintenance charge for <b>water meter</b> with connection up to 50mm (2") for each 3-month period:	\$10.00*
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\*For residential properties with a connection greater than 50mm (2"),  
the commercial and industrial properties rental rates apply.

**SCHEDULE C to BYLAW NO. 5637****BYLAW YEAR - 2009****METERED RATES****FARMS****1. RATES**

All consumption per cubic metre: \$0.8860

Minimum charge per 3-month period\*:

For 1<sup>st</sup> quarter billing (January – March inclusive) for 90m<sup>3</sup> or less \$95.00

For 2<sup>nd</sup> quarter billing (April – June inclusive) for 95m<sup>3</sup> or less \$95.00

For 3<sup>rd</sup> quarter billing (July – September inclusive) for 140m<sup>3</sup> or less \$95.00

For 4<sup>th</sup> quarter billing (October - December inclusive) for 90m<sup>3</sup> or less \$95.00

\*No minimum charge applies where there is no dwelling on the property.

**2. MAINTENANCE CHARGE FOR EACH METER**

Maintenance charge for meter up to 25mm (1") for each 3-month period \$10.00\*

\*Applies only to properties with no dwelling.

**SCHEDULE D to BYLAW 5637****BYLAW YEAR - 2009****1. WATER CONNECTION CHARGE**

<b>SFD Residential Water Connection Size</b>	<b>Connection Charge</b>	<b>Price Per Metre Charge</b>	<b>Meter Charge</b>	<b>Design Plan Prepared by City [S.2(d)]</b>
25mm (1") diameter	\$1,800	\$175.00	\$750	\$500
40mm (1 ½") diameter	\$2,400	\$175.00	\$1,100	
50mm (2") diameter	\$2,400	\$175.00	\$1,250	
For residential properties with a connection greater than 50mm (2"), the commercial and industrial properties connection rates apply.				

<b>Multi-Family / Industrial / Commercial Water Connection Size</b>	<b>Connection Charge</b>	<b>Price Per Metre Charge</b>
25mm (1") diameter	\$1,800	\$175.00
40mm (1 ½") diameter	\$2,400	\$175.00
50mm (2") diameter	\$2,400	\$175.00
100mm (4") diameter	\$6,900	\$350.00
150mm (6") diameter	\$7,100	\$350.00
200mm (8") diameter	\$7,300	\$350.00
larger than 200mm (8") diameter	by estimate	by estimate



**SCHEDULE E to BYLAW 5637****BYLAW YEAR - 2009****CONSTRUCTION PERIOD WATER CONSUMPTION RATES –  
RESIDENTIAL**

<b>MONTH</b>	<b>SINGLE-FAMILY DWELLINGS &amp; EACH UNIT IN A DUPLEX DWELLING (rate per unit)</b>	<b>START BILL YEAR</b>	<b>MULTI-FAMILY APARTMENT LESS THAN 4 STOREYS (rate per unit)</b>	<b>START BILL YEAR</b>	<b>MULTI-FAMILY APARTMENT 4 STOREYS &amp; UP (rate per unit)</b>	<b>START BILL YEAR</b>
January 2009	\$ 502	2010	\$ 411	2010	\$ 556	2011
February 2009	\$ 460	2010	\$ 828	2011	\$ 534	2011
March 2009	\$ 418	2010	\$ 794	2011	\$ 512	2011
April 2009	\$ 376	2010	\$ 760	2011	\$ 490	2011
May 2009	\$ 334	2010	\$ 725	2011	\$ 467	2011
June 2009	\$ 293	2010	\$ 691	2011	\$ 445	2011
July 2009	\$ 251	2010	\$ 657	2011	\$ 423	2011
August 2009	\$ 761	2011	\$ 623	2011	\$ 722	2012
September 2009	\$ 719	2011	\$ 589	2011	\$ 699	2012
October 2009	\$ 677	2011	\$ 554	2011	\$ 677	2012
November 2009	\$ 635	2011	\$ 520	2011	\$ 655	2012
December 2009	\$ 594	2011	\$ 486	2011	\$ 633	2012

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

<b>Water Connection Size</b>	<b>Consumption Charge</b>
20mm (3/4") diameter	\$135
25mm (1") diameter	\$270
40mm (1 1/2") diameter	\$675
50mm (2") diameter	\$1,690

**SCHEDULE F to BYLAW 5637****BYLAW YEAR - 2009****MISCELLANEOUS CHARGES**

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|----|--|----------------|
| 1. | For an inaccessible meter as set out in Section 7  | \$36 per month |
| 2. | For each turn on or turn off   | \$65           |
| 3. | For each non-emergency service call outside regular hours  | Actual Cost    |
| 4. | Deposit for testing a meter as set out in Section 26   | \$350          |
| 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. | Trouble Shooting on Private Property   | Actual Cost    |
| 7. | Fire flow tests of a watermain:  |                |
|    | First test   | \$250          |
|    | Subsequent test  | \$100          |
| 8. | Locate or repair of curb stop service box  | Actual Cost    |

**SCHEDULE G to BYLAW 5637****BYLAW YEAR - 2009****RATES FOR VANCOUVER INTERNATIONAL AIRPORT AUTHORITY (YVR)**

Applicable rate is \$0.4428 per cubic meter of water consumed, plus the following amounts:

- YVR's share of future water infrastructure capital replacement calculated at \$0.2509 per m<sup>3</sup>
- 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.

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

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