



Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw 8680

The Council of the City of Richmond enacts as follows:

1. The Waterworks and Water Rates Bylaw No. 5637, as amended, is further amended at Part One by deleting the definition of "**WATER METER**" and substituting the following:

"WATER METER" means a device supplied and owned by the **City** which measures the quantity of water delivered to a property.

2. The Waterworks and Water Rates Bylaw No. 5637, as amended, is further amended at Part Two:

- (a) by deleting section 3A in its entirety and substituting the following:

- (a) Where an application for a **building permit** has been made for works valued at \$75,000 or greater and neither subsection 4(b)(i) nor 4(b)(ii) applies, the **property owner** must have a **water meter** installed, if one does not exist on the property, and pay the **water meter** installation fee set-out in Schedule "D".

- (b) The **City** will install the **water meter** for all **water meter** installations under this bylaw, except:

- (i) where there is a site servicing agreement with respect to the property;
or

- (ii) where the **General Manager, Engineering & Public Works** determines that installation of a **water meter** by the **property owner** would:

- A) be cost-efficient;

- B) capture all water usage by the property; and

- C) provide the City with readily available access to the **water meter**.

- (c) In the case of either subsection 3A(b)(i) or 3A(b)(ii) above, the **property owner** is responsible for installing the **water meter**.

(b) by deleting subsection 4(b) and substituting the following:

(b) Where an application for a **building permit** has been made for works valued at \$75,000 or greater and the existing **service pipe** from the **curb stop** at the property line to the City's watermain is either:

- (i) more than 25 years old; or
- (ii) smaller than 25 mm and the works include an increase in the number of plumbing fixtures,

the **property owner** must install a new water connection, including a **water meter** if one does not exist on the property, and pay the applicable water connection fee set-out in Schedule "D".

(c) by deleting section 11 and substituting the following:

11. Turn On and Shut Off

(a) Non-Emergency Service Call During Regular Working Hours

- (i) A **property owner** may, in writing, apply to the **General Manager, Engineering & Public Works** for the turning on or the shut off of water. Such application to be submitted at least five days in advance of the requested turn-off.
- (ii) The **property owner** shall be liable for the full amount of the water rates and rents chargeable for the services up to the time the service is turned off.
- (iii) The **property owner** shall pay the charges set out in Section 2 of Schedule "F" hereto for each turn on or turn off.

(b) Non-Emergency Service Call Outside Regular Working Hours

- (i) A **property owner** requesting non-emergency service calls to turn water off or on outside regular working hours shall pay the charge set out in Section 3 of Schedule "F" hereto.

(c) Emergency Service Calls

- (i) A **customer** requesting an **emergency service call** to turn water off or on must pay the turn off and turn on charges specified in Section 2 of Schedule "F" hereto.

(d) Loaning of Curb Stop Turn-Off Key

- (i) A **property owner** wishing to turn off the water supply to a property, where the turn off does not relate to an **emergency service**

call, may borrow a **curb stop** turn-off key from the **City** for a period of one week by completing a key sign-out form.

- (ii) A **property owner** who fails to return a borrowed **curb stop** turn-off key within one week must pay \$200 within 60 days of a request for payment by the City, failing which the \$200 fee will be added to the property taxes for the property.
- (iii) A **property owner** may not borrow a **curb stop** turn-off key in the case of an **emergency service call**.

3. The Waterworks and Water Rates Bylaw No. 5637, as amended, is further amended at Part Three:

- (a) by adding the following after section 22A:

22B. Toilet Rebate

- (a) A **property owner** of a **dwelling unit** may apply to the City for a rebate when replacing an older, high flow toilet with a new six litre or less toilet provided that all of the following criteria are satisfied:
 - (i) the **dwelling unit** was constructed prior to January 1, 2010;
 - (ii) the toilet must be a replacement for a higher volume per flush toilet;
 - (iii) the replacement toilet is approved by the Canadian Standards Association (CSA) or the Warnock Hersey (WH) Mark; and
 - (iv) the application for a rebate is made within 90 days of the purchase of the replacement toilet.
- (b) The **City** will rebate the **property owner** the amount shown in Section 9 of Schedule "F" hereto for each replacement toilet up to a maximum of two replacement toilets per property, provided that the **City** is satisfied that the rebate application meets the criteria set-out in subsection 22B(a).

- (b) by deleting section 26 and substituting the following:

26. Testing and Verification of Water Meters

- (a) The **General Manager, Engineering and Public Works** will, upon written request and the payment of the fee as set out in section 4 of Schedule "F" hereto by a **customer**, test a **water meter** for accuracy.

- (b) The **General Manager, Engineering and Public Works** shall refund to the **customer** the fee along with any over-charge relating to the period one (1) year prior to the **water meter** test under subsection 26(a) if the test indicates an over-charge in excess of 2%. In no other circumstance will the fee be refunded to the **customer**.
- (c) A **customer** shall pay to the City any under-charges for the one (1) year period prior to the **water meter** test under subsection 26(a) if the test indicates an under-charge in excess of 2%.
- (d) Where a **customer** requests verification that a **water meter** at a property is functioning properly, the **City** will conduct an on-site inspection of the **water meter** after the **customer** has paid, in advance, the fee outlined in Section 10 of Schedule "F" hereto. This fee will be refunded to the **customer** if the **City** determines that the **water meter** fails to register or properly indicate the flow of water. In no other circumstance will the fee be refunded to the **customer**.

- 4. The **Waterworks and Water Rates Bylaw No. 5637**, as amended, is further amended by deleting Schedules A through G and substituting Schedules A through G attached to and forming part of this Bylaw.
- 5. This Bylaw comes into force and effect on January 1, 2011.
- 6. This Bylaw is cited as "**Waterworks And Water Rates Bylaw No. 5637, Amendment Bylaw 8680**".

FIRST READING

NOV 22 2010

SECOND READING

NOV 22 2010

THIRD READING

NOV 22 2010

ADOPTED

CITY OF RICHMOND
APPROVED for content by originating dept
<i>[Signature]</i>
APPROVED for legality by Solicitor
<i>[Signature]</i>

MAYOR

CORPORATE OFFICER

SCHEDULE "A" to BYLAW NO. 5637**BYLAW YEAR - 2011****FLAT RATES FOR RESIDENTIAL, AGRICULTURAL, AND
INSTITUTIONAL PURPOSES ONLY**

A.	Residential Dwellings per unit	
	Dwellings with 20 mm ($\frac{3}{4}$ ") water service	\$580.19
	Dwellings with 25mm (1") water service or greater	See Metered Rates – Schedule B
	Townhouse	\$474.95
	Apartment	\$306.05
B.	Stable or Barn per unit	\$116.90
C.	Field Supply – each trough or water receptacle or tap	\$73.07
D.	Public Schools for each pupil based on registration January 1 st	\$6.91

SCHEDULE "B" to BYLAW NO. 5637**BYLAW YEAR – 2011****METERED RATES**

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**METERED COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL PROPERTIES
AND MULTIPLE-FAMILY AND STRATA TITLED PROPERTIES****1. RATES**

All consumption per cubic metre:	\$1.0248
Minimum charge in any 3-month period:	\$96.00
Undetected leak rate per cubic metre (per section 25B of this bylaw):	\$0.5648

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

For a 16mm (5/8") meter	\$11.50
For a 20mm (3/4") meter	\$14.65
For a 25mm (1") meter	\$16.20
For a 32mm (1 1/4") meter	\$28.25
For a 40mm (1 1/2") meter	\$28.25
For a 50mm (2") meter	\$32.00

COMPOUND TYPE

75mm (3")	\$108.00
100mm (4")	\$165.00
150mm (6")	\$275.00

TURBINE TYPE

50mm (2")	\$63.50
75mm (3")	\$81.50
100mm (4")	\$118.00
150mm (6")	\$225.50
200mm (8")	\$293.00

FIRE LINE TYPE

100mm (4")	\$283.75
150mm (6")	\$383.00
200mm (8")	\$497.25
250mm (10")	\$662.00

SCHEDULE "B" to BYLAW NO. 5637

BYLAW YEAR – 2011

METERED RATES

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METERED RESIDENTIAL PROPERTIES

1. RATES

All consumption per cubic metre:	\$1.0248
Minimum charge in any 3-month period:	\$20.00
Underground leak rate per cubic metre (per section 25B of this bylaw):	\$0.5648

2. MAINTENANCE CHARGE FOR EACH METER

Maintenance charge for water meter 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 - 2011****METERED RATES****FARMS****1. RATES**

All consumption per cubic metre:	\$1.0248
Minimum charge per 3-month period*:	
For 1 st quarter billing (January – March inclusive) for 90m ³ or less	\$96.00
For 2 nd quarter billing (April – June inclusive) for 95m ³ or less	\$96.00
For 3 rd quarter billing (July – September inclusive) for 140m ³ or less	\$96.00
For 4 th quarter billing (October - December inclusive) for 90m ³ or less	\$96.00

*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*
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*Applies only to properties with no dwelling.

SCHEDULE "D" to BYLAW 5637**BYLAW YEAR - 2011****1. WATER CONNECTION CHARGE**

Single-Family, Multi-Family, Industrial, Commercial Water Connection Size	Connection Charge	
	Tie In Charge	Price Per Metre of Service Pipe
25mm (1") diameter	\$2,550	\$175.00
40mm (1 ½") diameter	\$3,500	\$175.00
50mm (2") diameter	\$3,650	\$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

2. DESIGN PLAN PREPARED BY CITY

Design plan prepared by City [s. 2(d)] \$1000 each

3. WATER METER INSTALLATION FEE

Install water meter [s. 3A(a)] \$1000 each

SCHEDULE "E" to BYLAW 5637

BYLAW YEAR - 2011

**CONSTRUCTION PERIOD WATER CONSUMPTION RATES –
RESIDENTIAL**

MONTH (2011)	SINGLE- FAMILY DWELLINGS & EACH UNIT IN A DUPLEX DWELLING (rate per unit)	START BILL YEAR	MULTI-FAMILY APARTMENT LESS THAN 4 STOREYS (rate per unit)	START BILL YEAR	MULTI- FAMILY APARTMENT 4 STOREYS & UP (rate per unit)	START BILL YEAR
January	\$ 580	2012	\$ 475	2012	\$ 643	2013
February	\$ 532	2012	\$ 958	2013	\$ 617	2013
March	\$ 483	2012	\$ 918	2013	\$ 592	2013
April	\$ 435	2012	\$ 879	2013	\$ 566	2013
May	\$ 387	2012	\$ 839	2013	\$ 541	2013
June	\$ 338	2012	\$ 799	2013	\$ 515	2013
July	\$ 290	2012	\$ 760	2013	\$ 490	2013
August	\$ 875	2013	\$ 720	2013	\$ 464	2014
September	\$ 822	2013	\$ 681	2013	\$ 439	2014
October	\$ 769	2013	\$ 641	2013	\$ 413	2014
November	\$ 716	2013	\$ 602	2013	\$ 388	2014
December	\$ 662	2013	\$ 562	2013	\$ 362	2014

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

Water Connection Size	Consumption Charge
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 - 2011****MISCELLANEOUS CHARGES**

1.	For an inaccessible meter as set out in Section 7	\$145 per quarter
2.	For each turn on or turn off	\$65
3.	For each non-emergency service call outside regular hours	Actual Cost
4.	Fee for testing a water meter	\$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	\$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

SCHEDULE "G" to BYLAW 5637**BYLAW YEAR - 2011****RATES FOR VANCOUVER INTERNATIONAL AIRPORT AUTHORITY (YVR)**

Applicable rate is \$0.5648 per cubic meter of water consumed, plus the following amounts:

- YVR's share of future water infrastructure capital replacement calculated at \$0.2668 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 rate of \$0.5648 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)