



**Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw 8312**

The Council of the City of Richmond enacts as follows:

1. The **Waterworks And Water Rates Bylaw No. 5637** is amended at Part II:
  - (a) by deleting sub-paragraph (iv) from Section 2 (a) and replacing it with the following:
    - (iv) submit a design plan or drawing of each proposed connection, including:
      - a. existing services;
      - b. proposed services;
      - c. the location of buildings, trees, driveways, and sidewalks;
 which plan or drawing has been prepared by a professional engineer in accordance with the current version of Design Specifications, a publication of the City's Engineering Department.
  - (b) by adding the following after paragraph (c) of Section 2:
    - (d) At the option of the applicant, a design plan or drawing referred to in paragraph (a)(iv) may be prepared by the City for the fee specified in Schedule D.
2. The **Waterworks And Water Rates Bylaw No. 5637** is amended by deleting Schedules A through G in their entirety and substituting them with Schedules A through G attached to and forming part of this Bylaw.
3. This Bylaw comes into force and effect on January 1, 2008.
4. This Bylaw is cited as "**Waterworks And Water Rates Bylaw No. 5637, Amendment Bylaw No. 8312**".

FIRST READING

NOV 26 2007

SECOND READING

NOV 26 2007

THIRD READING

NOV 26 2007

ADOPTED

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

\_\_\_\_\_  
MAYOR

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CORPORATE OFFICER

## SCHEDULE "A" to BYLAW NO. 5637

BYLAW YEAR - 2008

FLAT RATES FOR RESIDENTIAL, AGRICULTURAL, AND  
INSTITUTIONAL PURPOSES ONLY

A.	Residential Dwellings per unit	
	Dwellings with 20 mm (¾") water service	\$451.52
	Dwellings with 25mm (1") water service or greater	See Metered Rates – Schedule B
	Townhouse	\$369.62
	Apartment	\$238.18
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 – 2008

## 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:	\$0.7975
Minimum charge in any 3-month period:	\$95.00
Undetected leak rate per cubic metre (per section 25b of this bylaw):	\$0.3618

## 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 – 2008

METERED RATES

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METERED RESIDENTIAL PROPERTIES

1. RATES

All consumption per cubic metre:	\$0.7975
Minimum charge in any 3-month period:	\$20.00
Underground leak rate per cubic metre (per section 25b of this bylaw):	\$0.3618

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 - 2008

## METERED RATES

## FARMS

## 1. RATES

All consumption per cubic metre:	\$0.7975
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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
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For 2 <sup>nd</sup> quarter billing (April – June inclusive) for 95m <sup>3</sup> or less	\$95.00
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For 3 <sup>rd</sup> quarter billing (July – September inclusive) for 140m <sup>3</sup> or less	\$95.00
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For 4 <sup>th</sup> quarter billing (October - December inclusive) for 90m <sup>3</sup> or less	\$95.00
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\*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 - 2008

1. WATER CONNECTION CHARGE

SFD Residential Water Connection Size	Connection Charge	Price Per Metre Charge	Meter Charge	Design Plan Prepared by City [S.2(d)]
25mm (1") diameter	\$1,800	\$175.00	\$750	\$500
40mm (1 1/2") 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.				

Multi-Family / Industrial / Commercial Water Connection Size	Connection Charge	Price Per Metre Charge
25mm (1") diameter	\$1,800	\$175.00
40mm (1 1/2") 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 - 2008

CONSTRUCTION PERIOD WATER CONSUMPTION RATES –  
RESIDENTIAL

MONTH	REGULAR FAMILY 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 2008	\$ 452	2009	\$ 370	2009	\$ 500	2010
February 2008	\$ 414	2009	\$ 745	2010	\$ 480	2010
March 2008	\$ 376	2009	\$ 715	2010	\$ 460	2010
April 2008	\$ 339	2009	\$ 684	2010	\$ 441	2010
May 2008	\$ 301	2009	\$ 653	2010	\$ 421	2010
June 2008	\$ 263	2009	\$ 622	2010	\$ 401	2010
July 2008	\$ 226	2009	\$ 591	2010	\$ 381	2010
August 2008	\$ 685	2010	\$ 561	2010	\$ 649	2011
September 2008	\$ 647	2010	\$ 530	2010	\$ 630	2011
October 2008	\$ 610	2010	\$ 499	2010	\$ 610	2011
November 2008	\$ 572	2010	\$ 468	2010	\$ 490	2011
December 2008	\$ 534	2010	\$ 437	2010	\$ 570	2011

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 - 2008

## MISCELLANEOUS CHARGES

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 - 2007

## RATES FOR VANCOUVER INTERNATIONAL AIRPORT AUTHORITY (YVR)

Applicable rate is \$0.3618 per cubic meter of water consumed, plus the following amounts:

- YVR's share of future water infrastructure capital replacement calculated at \$0.2290 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)