



To: Richmond City Council

Date: November 20, 2012

From: Andrew Nazareth
General Manager, Finance and Corporate Services

File: 03-0970-01/2012-Vol
01

Robert Gonzalez, P. Eng.
Engineering & Public Works

Re: 2013 Utility Rate Amendment Bylaws

Staff Recommendation

That the following bylaws be introduced and given first, second and third readings:

- a) Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 8976;
- b) Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 8977;
- c) Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 8978.

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

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

Att. 3

REPORT CONCURRENCE			
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER	
Law	<input checked="" type="checkbox"/>	_____	
REVIEWED BY SMT SUBCOMMITTEE	INITIALS:	REVIEWED BY CAO	INITIALS:

Staff Report

Origin

At their November 19, 2012 meeting, the General Purposes Committee approved the following recommendation as part of their consideration of the 2013 Utility Budgets and Rates:

1. That the 2013 Utility Expenditure Budgets, as outlined under Option 3 for Water, Sewer, Drainage & Diking, and Option 2 for Solid Waste & Recycling as contained in the staff report dated November 14, 2012 from the General Managers of Finance & Corporate Services and Engineering & Public Works, be approved as the basis for establishing the 2013 Utility Rates and for preparing the 5 Year Financial Plan (2013-2017) Bylaw.

Subject to Council's acceptance of the above General Purposes Committee recommendation, this report presents the amending bylaws required to bring the utility rates into effect for 2013.

Analysis

A summary of the proposed changes to each of the Solid Waste & Recycling Bylaw No. 6803, Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, and the Waterworks and Water Rates Bylaw No. 5637, as outlined in the "2013 Utility Budgets and Rates" report dated November 14, 2012, follows:

1. **Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw 8976**
 - Changes to implement the 2013 solid waste and recycling rates as outlined in Option 2 of the above-referenced report.
 - Provisions to add a new level of service for food scraps and organics collection services using City-provided wheeled carts for all multi-family townhome residents currently receiving the City's blue box collection services;
 - The addition of wheeled carts to the list of acceptable containers for single-family and duplex dwellings for the storage and weekly collection of food scraps and organic materials
 - A cart replacement fee cost of \$25.00 each for residents requesting a change in cart due to size, suitability, etc.;
 - Provisions to add a new level of service for a large item pickup program for up to four items per household per year for all single-family and duplex dwellings and townhomes which receive City blue box recycling collection service.
2. **Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 8977**
 - Changes to implement the 2013 drainage, dyke and sanitary sewer rates as outlined in Option 3 of the above-referenced report.

3. Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 8978

- Changes to implement the 2013 water rates as outlined in Option 3 of the above-referenced report.

Financial Impact

The rates outlined in the proposed amending bylaws represent full cost recovery for each respective utility area. The impact to ratepayers is as outlined in the 2013 Utility Budgets and Rates report dated November 14, 2012.

Conclusion

The amending bylaws presented with this report require Council's approval to charge for the various utility services in 2013. 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, including the provision of new and expanded services for organics collection as well as a convenient new service for residential large item collection.

A strong fiscal management approach is applied in 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 at the same time, balance with the fiscal challenges presented by increases in regional costs.



Suzanne Bycraft
Manager, Fleet & Environmental Programs
(604-233-3338)

SJB:



**Solid Waste & Recycling Regulation Bylaw No. 6803,
Amendment Bylaw No. 8976**

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 by deleting the opening paragraph of section 1.6.1 and substituting the following:

“1.6.1 Notwithstanding the definitions of **garbage** or the provisions of section 1.1, the City will not arrange for the collection and disposal of, and no person may place, the following materials out for collection under Part One of this bylaw (except, if applicable, a **large item** in accordance with section 1.8):”

2. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by adding the following after subsection 1.7.1:

“1.8 Large Item Pick-Up Service

1.8.1 The **City**, subject to subsections 1.8.2 to 1.8.5, will arrange for the pick-up of a maximum of four (4) **large items** per calendar year from:

- (a) a **single-family dwelling** or a unit in a **duplex dwelling** that receives **City garbage** collection service; and
- (b) a unit in a **townhouse development** that receives **City garbage** or **City blue box recycling** service,

and every **owner** of a property referred to in subsection 1.8.1(a) and (b) above must pay the **large item** pick-up fee specified in Schedule A, which is attached and forms a part of this bylaw.

1.8.2 The **large item** pick-up service established pursuant to section 1.8.1 shall be only for **large items** that were used at the **single-family dwelling, duplex dwelling** or **townhouse development** where the **large item** is placed for pick-up.

1.8.3 The maximum of four (4) **large items** per calendar year per eligible **single-family dwelling, unit in a duplex dwelling** and unit in a **townhouse development** may be disposed of at the same time or on different occasions. If in any calendar year, an eligible dwelling unit does not dispose of four (4) **large items**, that eligible dwelling unit may not carry forward the collection of the remaining item or items into a future calendar year.

1.8.4 **Large items** will be picked up from an eligible **single-family dwelling**, unit in a **duplex dwelling** and unit in a **townhouse development** on that dwelling unit's **collection day**, provided:

- (a) the **occupier** contacts, by 5:00pm on the Thursday prior to the **collection day**, the person designated by the **City** to administer the **large item** pick-up service;
- (b) the **large item** is placed in the manner required by subsection 8.1.1(b)(i), (ii) and (iii); and
- (c) if the **large item** is a refrigerator, freezer, icebox or other container that is equipped with a latch or locking device, the doors of such **large item** are removed and placed beside the **large item**.

1.8.5 By no later than 9:00 p.m. on **collection day**, an **occupier** must remove from public view a **large item** placed out for pick-up if the **large item** is:

- (a) tagged as being inappropriate or unacceptable, in the sole discretion of the **City**;
- (d) placed for pick-up without the **occupier** contacting, by 5:00pm on the Thursday prior to the **collection day**, the person designated by the **City** to administer the **large item** pick-up service; or
- (b) missed for any reason.

3. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by deleting subsection 2.1.1(b) and substituting the following:

“(b) arrange for the collection and disposal of **yard and garden trimmings** and **food waste** from all **single-family dwellings**, each unit in a **duplex dwelling**, and each unit in a **townhouse development** that receives **City garbage** or **City blue box recycling service**;”

4. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by deleting section 2.5 in its entirety and substituting the following:

“2.5 Preparation of Yard and Garden Trimmings and Food Waste for Collection

2.5.1 An **occupier** of a **single-family dwelling** or a unit in a **duplex dwelling** to which **garbage** collection service is provided and an **occupier** of a unit in a **townhouse development** to which **City garbage** or **City blue box recycling service** is provided, may place for collection on **collection day**:

- (a) **yard and garden trimmings**, provided that such materials are:

- (i) securely tied in a bundle, provided the bundle is less than: (A) 1 metre (39 inches) in length; (B) 0.6 metres (24 inches) in width; (C) 0.3 metres (12 inches) in height; and (D) 20 kilograms (44 pounds) in weight; or
 - (ii) placed entirely within a **compostable paper bag** which meets the criteria set-out in paragraphs 2.5.1(b)(ii)(E), (F), (G) and (H); and
- (b) **yard and garden trimmings** together with **food waste**, provided such materials are placed entirely within:
- (i) a **yard/food waste cart**; or
 - (ii) a container which meets the following criteria:
 - (A) is made of rigid metal or plastic with a watertight, removable lid;
 - (B) is marked clearly and visibly with a “FOOD SCRAPS AND YARD TRIMMINGS” label provided by the **City**, or such other label designated or provided by the **City** for such purpose;
 - (C) is used solely to hold **yard and garden trimmings** and/or **food waste**;
 - (D) has a shape and opening which permits emptying with minimum effort;
 - (E) has handles or handling devices which permit lifting and emptying safely by one person;
 - (F) is strong enough to withstand normal handling and lifting;
 - (G) does not exceed a gross weight of 20 kilograms (44 lbs) when full;
 - (H) is properly closed or sealed; and
 - (I) has a capacity not more than 80 litres (2.82 cubic feet) and a diameter of not more than 0.6 metres (24 inches).

2.5.2 A person must not place or permit to be placed plastic bags, including biodegradable plastic bags, or bags which contain plastic, including paper bags lined or commingled with plastic a **yard/food waste container**.

- 2.5.3 The **City** will provide one (1) **yard/food waste cart** to each **single-family dwelling** and each unit in a **duplex dwelling** to which **garbage** collection service is provided, and each unit in a **townhouse development** to which **City garbage** or **City blue box recycling** service is provided.
- 2.5.4 Every **occupier** of a dwelling unit that receives a **yard/food waste cart** from the **City** must keep such **yard/food waste cart** in a clean and sanitary condition and use reasonable care and attention when opening or moving a **yard/food waste cart**.
- 2.5.5 Every **occupier** of a dwelling unit who requests a replacement of a **yard/food waste cart** provided by the **City** must pay the **yard/food waste cart** replacement fee specified in Schedule B, which is attached and forms a part of this bylaw.
- 2.5.6 All **yard/food waste carts** provided by the **City** to a dwelling unit remain the sole property of the **City** and the **City** may, at any time, collect or request the return of a **yard/food waste cart**.
- 2.5.7 No person shall damage, tamper with or vandalize a **yard/food waste cart**, or place materials other than **yard and garden trimmings** and **food waste** in a **yard/food waste cart**.”

5. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended at section 15.1 by deleting the definition of **OWNER** and substituting the following:

“OWNER means those persons defined as “owner” under the *Community Charter*.”

6. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended at section 15.1 by deleting the definition of **YARD/FOOD WASTE CONTAINER** and substituting the following:

“YARD/FOOD WASTE CONTAINER means a bundle referred to in subsection 2.5.1(a)(i), a **compostable paper bag** referred to in subsection 2.5.1(a)(ii), **yard/food waste cart**, or a container referred to in subsection 2.5.1(b)(ii).”

7. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended at section 15.1 by adding the following definition in alphabetical order:

“LARGE ITEM means furniture, appliances, small household goods (provided they are boxed or bundled in a reasonable size), barbeques (provided lava rock briquettes or equivalent, and propane tanks are removed), outdoor furniture, weight training equipment, electric lawnmowers, mattresses, and similar items approved

for pick-up by the **General Manager of Engineering & Public Works**, but does not include:

- (a) a vehicle or part of a vehicle;
- (b) tree stumps;
- (c) carpet or pieces of carpet;
- (d) lumber, demolition or home renovation materials;
- (e) hazardous waste;
- (f) propane tanks;
- (g) tires;
- (h) gas lawnmowers; or
- (i) other items excluded by the **General Manager of Engineering & Public Works**.

YARD/FOOD WASTE CART

means a wheeled cart provided by the City for the disposal and collection of **yard and garden trimmings and food waste.**"

- 8. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by deleting Schedules A through D and substituting the schedules attached to and forming part of this Bylaw.
- 9. Sections 1, 2, 3, 4, 6 and 7 of this bylaw come into force and effect on June 3, 2013, and the remaining sections come into force and effect on January 1, 2013
- 10. This Bylaw is cited as "**Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 8976**".

FIRST READING

SECOND READING

THIRD READING

ADOPTED

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

MAYOR

CORPORATE OFFICER

BYLAW YEAR:**2013****SCHEDULE A to BYLAW NO. 6803**

FEES FOR CITY GARBAGE COLLECTION SERVICE	
Annual City garbage collection service fee for each single-family dwelling, each unit in a duplex dwelling, and each unit in a townhouse development	\$ 117.77
Fee for each excess garbage container tag	\$ 2.00
Large item pick up fee ¹	\$ 4.45 ¹

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)	\$ 44.28
(b) for multi-family dwellings or townhouse developments which receive centralized collection service (per unit)	\$ 30.45
Annual 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) ¹	\$ 86.11 ¹
(b) for yard and garden trimmings and food waste from townhome dwellings that receive City garbage or blue box service (per unit) ¹	\$ 26.67 ¹
Fee for yard/food waste cart replacement (per cart)	\$ 25.00
City recycling service fee for the Recycling Depot:	
	\$20.00 per cubic yard
(a) (i) for yard and garden trimmings from residential properties	for the second and each subsequent cubic yard
(ii) for recyclable material from residential properties	\$0
(b) for yard and garden trimmings from non-residential properties	\$20.00 per cubic yard
(c) for recycling materials from non-residential properties	\$0
Annual City recycling service fee for non-residential properties	\$ 1.90

SCHEDULE C to BYLAW 6803

FEES FOR CITY LITTER COLLECTION SERVICE	
Annual City litter collection service fee for both residential properties and non-residential properties	\$ 26.72

¹Fees shown are pro-rated based on June 2013 implementation of expanded yard/food waste collection program and are not reflective of total annual charges in future years.

SCHEDULE D TO BYLAW 6803

NEW RESIDENTIAL PROPERTY PAYMENT FEE SCHEDULE														
RECYCLING & LITTER COLLECTION FEE PER STRATA LOT														
GARBAGE, RECYCLING & LITTER COLLECTION FEE						RECYCLING & LITTER COLLECTION FEE PER STRATA LOT								
Single-Family Dwellings & Each Unit in a Duplex Dwelling						Townhouse Development			Townhouse Development			Multi-Family Development		
Month in Current Year in which Building Permit is Issued	Prorated Fee Per Unit	Year in which Annual Fee Commences	Prorated Fee Per Unit	Year in which Annual Fee Commences	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 2013	\$ 126	2014	\$ -	2014	2014	\$ -	2014	\$ -	2014	\$ 41	2015			
February 2013	\$ 105	2014	\$ 185	2015	2015	\$ 86	2015	\$ 34	2015	\$ 34	2015			
March 2013	\$ 84	2014	\$ 168	2015	2015	\$ 78	2015	\$ 27	2015	\$ 27	2015			
April 2013	\$ 63	2014	\$ 151	2015	2015	\$ 70	2015	\$ 20	2015	\$ 20	2015			
May 2013	\$ 42	2014	\$ 135	2015	2015	\$ 62	2015	\$ 14	2015	\$ 14	2015			
June 2013	\$ 21	2014	\$ 118	2015	2015	\$ 55	2015	\$ 7	2015	\$ 7	2015			
July 2013	\$ -	2014	\$ 101	2015	2015	\$ 47	2015	\$ -	2015	\$ -	2015			
August 2013	\$ 235	2015	\$ 84	2015	2015	\$ 39	2015	\$ 76	2016	\$ 76	2016			
September 2013	\$ 214	2015	\$ 67	2015	2015	\$ 31	2015	\$ 69	2016	\$ 69	2016			
October 2013	\$ 192	2015	\$ 50	2015	2015	\$ 23	2015	\$ 62	2016	\$ 62	2016			
November 2013	\$ 171	2015	\$ 34	2015	2015	\$ 16	2015	\$ 55	2016	\$ 55	2016			
December 2013	\$ 150	2015	\$ 17	2015	2015	\$ 8	2015	\$ 48	2016	\$ 48	2016			



Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 8977

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 at Part Two by deleting section 2.1.2 and substituting the following:
2.1.2 Every property owner whose property has been connected to the City drainage system must pay the drainage system infrastructure replacement fee of \$122.57 per property for the period January 1 to December 31 of each year.
2. The Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, as amended, is further amended by deleting Schedule B in its entirety and substituting the schedule attached to and forming part of this Bylaw.
3. This Bylaw comes into force and effect on January 1, 2013.
4. This Bylaw is cited as "Drainage, Dyke And Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 8977".

FIRST READING

SECOND READING

THIRD READING

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MAYOR

CORPORATE OFFICER

Schedule to Bylaw 8977

SCHEDULE B to BYLAW NO. 7551**SANITARY SEWER USER FEES****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	\$ 428.20
(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	\$ 391.79
(iv) Multiple-Family Dwellings 4 or more storeys in height	\$ 326.31
(b) Public School (per classroom)	\$ 396.81
(c) Shops and Offices	\$ 335.10

2. RATES FOR METERED PROPERTIES

Regular rate per cubic metre of water delivered to the property:	\$ 1.0319
Underground leak rate per cubic metre of water exceeding average amount (as defined in Section 2.3A.2(a)):	\$ 0.8255

3. RATES FOR COMMERCIAL, INDUSTRIAL, INSTITUTIONAL AND AGRICULTURAL

Minimum charge in any quarter of a year:	\$ 82.16
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SCHEDULE B to BYLAW NO. 7551

SANITARY SEWER USER FEES

4. CONSTRUCTION PERIOD – PER DWELLING UNIT

Month (2013)	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	\$ 428	2014	\$ 392	2014	\$ 685	2015
February	\$ 393	2014	\$ 790	2015	\$ 658	2015
March	\$ 357	2014	\$ 757	2015	\$ 631	2015
April	\$ 321	2014	\$ 725	2015	\$ 604	2015
May	\$ 285	2014	\$ 692	2015	\$ 576	2015
June	\$ 250	2014	\$ 660	2015	\$ 549	2015
July	\$ 214	2014	\$ 627	2015	\$ 522	2015
August	\$ 646	2015	\$ 594	2015	\$ 495	2016
September	\$ 607	2015	\$ 562	2015	\$ 468	2016
October	\$ 567	2015	\$ 529	2015	\$ 441	2016
November	\$ 528	2015	\$ 496	2015	\$ 413	2016
December	\$ 489	2015	\$ 464	2015	\$ 386	2016



Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 8978

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 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, 2013.
3. This Bylaw is cited as "Waterworks And Water Rates Bylaw No. 5637, Amendment Bylaw No. 8978".

FIRST READING

SECOND READING

THIRD READING

ADOPTED

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MAYOR

CORPORATE OFFICER

SCHEDULE "A" to BYLAW NO. 5637

BYLAW YEAR - 2013

**FLAT RATES FOR RESIDENTIAL, AGRICULTURAL, AND
INSTITUTIONAL PURPOSES ONLY**

A.	Residential Dwellings per unit	
	Dwellings with 20 mm (¾") water service	\$642.16
	Dwellings with 25mm (1") water service or greater	See Metered Rates – Schedule B
	Townhouse	\$525.68
	Apartment	\$338.74
B.	Stable or Barn per unit	\$129.39
C.	Field Supply – each trough or water receptacle or tap	\$80.88
D.	Public Schools for each pupil based on registration January 1 st	\$7.66

SCHEDULE "B" to BYLAW NO. 5637

BYLAW YEAR – 2013

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:	\$1.1976
Minimum charge in any 3-month period:	\$110.00
Undetected leak rate per cubic metre (per section 25B of this bylaw):	\$0.6727

2. RENTS FOR EACH METER

Rent 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 – 2013****METERED RATES**

(Page 2 of 2)

METERED RESIDENTIAL PROPERTIES**1. RATES**

All consumption per cubic metre:	\$1.1976
Minimum charge in any 3-month period:	\$20.00
Underground leak rate per cubic metre (per section 25B of this bylaw):	\$0.6727

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 - 2013****METERED RATES****FARMS****1. RATES**

All consumption per cubic metre:	\$1.1976
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Minimum charge per 3-month period*:

For 1 st quarter billing (January – March inclusive) for 90m ³ or less	\$110.00
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For 2 nd quarter billing (April – June inclusive) for 95m ³ or less	\$110.00
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For 3 rd quarter billing (July – September inclusive) for 140m ³ or less	\$110.00
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For 4 th quarter billing (October - December inclusive) for 90m ³ or less	\$110.00
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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 - 2013

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)] \$1,000 each

3. WATER METER INSTALLATION FEE

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

SCHEDULE "E" to BYLAW 5637

BYLAW YEAR - 2013

**CONSTRUCTION PERIOD WATER CONSUMPTION RATES –
RESIDENTIAL**

MONTH (2013)	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	\$ 642	2014	\$ 526	2014	\$ 711	2015
February	\$ 589	2014	\$ 1,060	2015	\$ 683	2015
March	\$ 535	2014	\$ 1,016	2015	\$ 655	2015
April	\$ 482	2014	\$ 973	2015	\$ 627	2015
May	\$ 428	2014	\$ 929	2015	\$ 598	2015
June	\$ 375	2014	\$ 885	2015	\$ 570	2015
July	\$ 321	2014	\$ 841	2015	\$ 542	2015
August	\$ 969	2015	\$ 797	2015	\$ 514	2016
September	\$ 910	2015	\$ 753	2015	\$ 486	2016
October	\$ 851	2015	\$ 710	2015	\$ 457	2016
November	\$ 792	2015	\$ 666	2015	\$ 429	2016
December	\$ 733	2015	\$ 622	2015	\$ 401	2016

**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 - 2013

MISCELLANEOUS CHARGES

1.	For an inaccessible meter as set out in Section 7	\$160 per quarter
2.	For each turn on or turn off	\$95
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 - 2013****RATES FOR VANCOUVER INTERNATIONAL AIRPORT AUTHORITY (YVR)**

Applicable rate is \$0.6727 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 rate of \$0.6727 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)