



To: Richmond City Council **Date:** October 21, 2014
From: Andrew Nazareth **File:** 03-0970-01/2014-Vol
 General Manager, Finance & Corporate Services 01
 Robert Gonzalez, P.Eng.
 General Manager, Engineering & Public Works
Re: **2015 Utility Rate Amendment Bylaws**

Staff Recommendation

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

- a) Solid Waste and Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 9188;
- b) Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9192; and
- c) Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 9193.

Andrew Nazareth
General Manager,
Finance & 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 STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

At the October 20, 2014 General Purposes Committee, the following recommendation was approved by Committee as part of their consideration of the 2015 Utility Budgets and Rates:

“That the 2015 Utility Budgets, as outlined under Option 1 for Water and Sewer, Option 3 for Drainage and Diking, and Option 1 for Solid Waste and Recycling, as contained in the staff report dated October 7, 2014 from the General Manager of Finance & Corporate Services and General Manager of Engineering & Public Works, be approved as the basis for establishing the 2015 Utility Rates and preparing the 5 Year Financial Plan (2015-2019) 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 2015.

Analysis

The following is a summary of the proposed changes for Solid Waste and Recycling Bylaw No. 6803, Waterworks and Water Rates Bylaw No. 5637, and Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551, as outlined in the “2015 Utility Budgets and Rates” report, dated October 7, 2014:

1. **Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw 9188**
 - Changes to implement the 2015 solid waste and recycling rates as outlined in Option 1 of the above-referenced report.
2. **Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw 9192**
 - Changes to implement the 2015 water rates as outlined in Option 1 of the above-referenced report.
3. **Drainage, Dyke, and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 9193**
 - Changes to implement the 2015 sanitary sewer rates as outlined in Option 1, and drainage and diking 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 outlined in the “2015 Utility Budgets and Rates” report, dated October 7, 2014.

Conclusion

The amending bylaws presented with this report require Council’s approval to charge for the various utility services in 2015. 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.
Manager, Engineering Planning
(604-276-4075)



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

LB:jh

- Att. 1: Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw 9188
- 2: Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw 9192
- 3: Drainage, Dyke, and Sanitary Sewer System Bylaw No. 7551, Amendment Bylaw No. 9193



City of Richmond

Bylaw 9188

Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 9188

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 Schedules A through D and substituting the schedules attached to and forming part of this Bylaw.
2. This Bylaw comes into force and effect on January 1, 2015.
3. This Bylaw is cited as **“Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 9188”**.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

CITY OF RICHMOND
APPROVED for content by originating dept.

APPROVED for legality by Solicitor


MAYOR

CORPORATE OFFICER

BYLAW YEAR:

2015

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	\$	121.67
Fee for each excess garbage container tag	\$	2.00
Large item pick up fee	\$	8.33

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)	\$	50.00
(b) for multi-family dwellings or townhouse developments which receive centralized Collection service (per unit)	\$	34.44
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)	\$	100.00
(b) for yard and garden trimmings and food waste from townhome dwellings that receive City garbage or blue box service (per unit)	\$	50.00
Fee for yard/food waste cart replacement (per cart)	\$	25.00
Annual City Recycling Depot service fee for non-residential properties	\$	2.44
City recycling service fee for the Recycling Depot:		
		\$20.00 per cubic yard for the second and each subsequent cubic yard
(a) (i) for yard and garden trimmings from residential properties		\$0
(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

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	\$	28.33

SCHEDULE D TO BYLAW 6803

NEW RESIDENTIAL PROPERTY PAYMENT FEE SCHEDULE														
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	Prorated Fee Per Unit	Year in which Annual Fee Commences	
January	\$ 139	2016	\$ -	2016	2016	\$ -	2016	\$ -	2016	\$ -	2016	\$ -	2016	
February	\$ 116	2016	\$ 217	2017	2017	\$ 115	2017	\$ 46	2017	\$ 46	2017	\$ 46	2017	
March	\$ 93	2016	\$ 198	2017	2017	\$ 105	2017	\$ 37	2017	\$ 37	2017	\$ 37	2017	
April	\$ 69	2016	\$ 178	2017	2017	\$ 94	2017	\$ 28	2017	\$ 28	2017	\$ 28	2017	
May	\$ 46	2016	\$ 158	2017	2017	\$ 84	2017	\$ 19	2017	\$ 19	2017	\$ 19	2017	
June	\$ 23	2016	\$ 138	2017	2017	\$ 73	2017	\$ 9	2017	\$ 9	2017	\$ 9	2017	
July	\$ -	2016	\$ 119	2017	2017	\$ 63	2017	\$ -	2017	\$ -	2017	\$ -	2017	
August	\$ 259	2017	\$ 99	2017	2017	\$ 52	2017	\$ 104	2017	\$ 104	2018	\$ 104	2018	
September	\$ 236	2017	\$ 79	2017	2017	\$ 42	2017	\$ 95	2017	\$ 95	2018	\$ 95	2018	
October	\$ 212	2017	\$ 59	2017	2017	\$ 31	2017	\$ 85	2017	\$ 85	2018	\$ 85	2018	
November	\$ 189	2017	\$ 40	2017	2017	\$ 21	2017	\$ 76	2017	\$ 76	2018	\$ 76	2018	
December	\$ 165	2017	\$ 20	2017	2017	\$ 10	2017	\$ 66	2017	\$ 66	2018	\$ 66	2018	



City of Richmond

Bylaw 9192

**Waterworks and Water Rates Bylaw No. 5637,
Amendment Bylaw No. 9192**

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, 2015.
3. This Bylaw is cited as **“Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9192”**.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

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

MAYOR

CORPORATE OFFICER

SCHEDULE "A" to BYLAW NO. 5637

BYLAW YEAR - 2015

**FLAT RATES FOR
RESIDENTIAL, AGRICULTURAL, AND INSTITUTIONAL PROPERTIES**

A.	Residential Dwellings per unit	
	Single-family and two-family dwellings with 20 mm (3/4") water service	\$661.30
	For dwellings with 25mm (1") water service or greater, see Metered Rates – Schedule B or C, as applicable	
	Townhouse	\$541.34
	Apartment	\$348.83
B.	Stable or Barn per unit	\$133.25
C.	Field Supply – each trough or water receptacle or tap	\$83.30
D.	Public Schools for each pupil based on registration January 1 st	\$7.89

SCHEDULE "B" TO BYLAW NO. 5637

BYLAW YEAR 2015

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

1. RATES

All consumption per cubic metre:	\$1.2454
Minimum charge in any 3 month period (not applicable to Farms)	\$114.00

2. RATES FOR EACH METER

Rent per **water meter** for each 3-month period:

Meter Size	Base Rate
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 2015

**METERED RATES FOR
SINGLE-FAMILY AND TWO-FAMILY DWELLINGS**

- 1. RATES**
All consumption per cubic metre: \$1.2454

2. RATES FOR EACH METER

Rent per **water meter** for each 3-month period:

<u>Meter Size</u>	<u>Base Rate</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 - 2015

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 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 - 2015

**CONSTRUCTION PERIOD WATER CONSUMPTION RATES –
RESIDENTIAL**

MONTH (2015)	SINGLE- FAMILY DWELLINGS & EACH UNIT IN A DUPLEX 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	\$661	2016	\$541	2016	\$715	2017
February	\$606	2016	\$1,065	2017	\$686	2017
March	\$551	2016	\$1,020	2017	\$657	2017
April	\$496	2016	\$974	2017	\$628	2017
May	\$441	2016	\$929	2017	\$599	2017
June	\$386	2016	\$884	2017	\$570	2017
July	\$331	2016	\$839	2017	\$541	2017
August	\$967	2017	\$794	2017	\$896	2018
September	\$909	2017	\$749	2017	\$867	2018
October	\$851	2017	\$704	2017	\$838	2018
November	\$794	2017	\$659	2017	\$809	2018
December	\$736	2017	\$614	2017	\$780	2018

**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 - 2015

MISCELLANEOUS CHARGES

1.	For an inaccessible meter as set out in Section 7	\$165 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	\$355
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 - 2015****RATES FOR VANCOUVER INTERNATIONAL AIRPORT AUTHORITY (YVR)**

Applicable rate is \$0.7345 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 \$0.7345 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. 9193**

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 \$144.79 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, 2015.
4. This Bylaw is cited as "**Drainage, Dyke and Sanitary Sewer Bylaw No. 7551, Amendment Bylaw No. 9193**".

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 9193

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 3/4-inch water service	\$443.77
(ii) 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	\$406.03
(iv) Multiple-Family Dwellings 4 or more storeys in height	\$338.17
(b) Public School (per classroom)	\$411.23
(c) Shops and Offices	\$347.28

2. RATES FOR METERED PROPERTIES

Regular rate per cubic metre of water delivered to the property: \$ 1.0823

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 (2015)	Single-Family Dwellings & Each Unit in a Duplex 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	\$444	2016	\$406	2016	\$693	2017
February	\$407	2016	\$799	2017	\$665	2017
March	\$370	2016	\$765	2017	\$637	2017
April	\$333	2016	\$731	2017	\$609	2017
May	\$296	2016	\$697	2017	\$581	2017
June	\$259	2016	\$663	2017	\$552	2017
July	\$222	2016	\$629	2017	\$524	2017
August	\$649	2017	\$596	2017	\$869	2018
September	\$610	2017	\$562	2017	\$841	2018
October	\$571	2017	\$528	2017	\$812	2018
November	\$533	2017	\$494	2017	\$784	2018
December	\$494	2017	\$460	2017	\$756	2018