

EXPLANATION

**Water Works By-law
regarding 2009 fee increases
and miscellaneous amendments**

Enactment of the attached by-law will implement Council's resolution of December 18, 2008 respecting new water rates and fees to be effective from January 1, 2009 and other miscellaneous amendments.

Director of Legal Services
December 18, 2008

BY-LAW NO. _____

**A By-law to amend Water Works By-law No. 4848
regarding 2009 fee increases and miscellaneous amendments**

THE COUNCIL OF THE CITY OF VANCOUVER, in public meeting, enacts as follows:

1. This By-law amends the indicated provisions and schedules of the Water Works By-law.
2. To the definition of "SERVICE PIPE" in section 2, before "1.0", Council adds "than".
3. From the second paragraph of section 3, Council strikes out "twice", and substitutes "1.5 times".
4. From section 3A(b), Council strikes out "1970", and substitutes "1978".
5. From the third paragraph of section 7, Council strikes out "ductible", and substitutes "ductile".
6. To the first sentence of section 12, after "Collector", Council adds "or Engineer".
7. From section 19, Council strikes out 'twice the amount of the cost that would apply if a flat rate charge were applicable, and if the "at cost" amount is less than the advance payment', and substitute 'based on an estimate provided by the City. If the "at cost" amount is less than 1.5 times the flat rate'.
8. Council repeals section 32(4), and substitutes:

"The city is to compute and render bills at intervals of three months at the rates for water consumption and meter charges prescribed in Schedules D and E for a three month period. The Collector is to state in each bill a date when payment is due and payable which must be subsequent to the date of mailing of the bill."
9. To section 34(b), after "penalty", Council adds "or loss of discount".
10. From Schedule D, Council repeals:

"A minimum charge of 8 units per month will be charged should lower or no consumption be recorded in any billing period."
11. Council strikes out from:
 - (a) the third paragraph of section 7, "of \$45 per month";
 - (b) the first paragraph of section 12, "of \$300.00 for each such unit";

- (c) section 32(5), “of \$75”; and
- (d) the first paragraph of section 38, “of \$110.00”;

and substitutes “as specified in Schedule H”.

12. Council strikes out from:

- (a) section 26, “\$50” and “\$200”;
- (b) section 28, “of \$60.00 for a single family dwelling and \$90.00 for all other properties”; and
- (c) section 34(d)(ii), “of \$50”;

and substitutes “as specified in Schedule “I”.

13. Council repeals Schedules A to I inclusive, and substitutes:

“SCHEDULE A: Flat Rate Connection Fees

<i>Service Pipe Size</i>	<i>Single-Family and Two-Family Dwellings</i>
20 mm (3/4")	\$3,377.00
25 mm (1")	3,513.00
40 mm (1 1/2")	4,051.00
50 mm (2")	4,051.00
<i>Service Pipe Size</i>	<i>Other Connections</i>
20 mm (3/4")	\$7,194.00
25 mm (1")	7,485.00
40 mm (1 1/2")	8,637.00
50 mm (2")	8,637.00
100 mm (4")	12,487.00
150 mm (6")	15,444.00
200 mm (8")	16,865.00
300 mm (12")	23,734.00

SCHEDULE A.1: Removal Fees

Service Pipe Size

20 mm (3/4") to 50 mm (2") inclusive	\$ 904.00
100 mm (4") to 300 mm (12") inclusive	2,711.00

SCHEDULE B: Annual Flat Rate Service Charges for Residential Properties

The following charges apply to single family dwellings and dwellings comprising not more than two separate dwelling units:

Single Dwelling Unit	\$379.00
Single-Family with suite	523.00
For each strata title duplex	261.00

SCHEDULE C: Annual Flat Rate Service Charges for Unmetered Fire Service Pipes

Fire Service Pipe Size

50 mm (2") or smaller	\$180.00
75 mm (3")	269.00
100 mm (4")	372.00
150 mm (6")	429.00
200 mm (8")	502.00
250 mm (10")	533.00
300 mm (12")	572.00

SCHEDULE D: Charges for Metered Water Service

<i>Two Monthly Period</i>	<i>Four Monthly Period</i>	<i>Rate In Dollars per Unit (2,831.6 Litres)</i>
Per unit	Per unit	\$1.866

SCHEDULE E: Meter Service Charges

The following schedule shows the meter charge based on the size and type of meter, payable on each service, in addition to water consumption charges:

Per Three Monthly Period

Services with Standard Type Meters

17 mm (1/2") and 20 mm (3/4")	\$ 25.00
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25 mm (1")	30.00
40 mm (1 1/2")	42.00
50 mm (2")	58.00
75 mm (3")	131.00
100 mm (4")	159.00
150 mm (6")	206.00
200 mm (8")	319.00
250 mm (10")	391.00
300 mm (12")	465.00

Services with Low Head Loss Meters/Detector Check Valves

100 mm (4")	\$183.00
150 mm (6")	268.00
200 mm (8")	360.00
250 mm (10")	448.00
300 mm (12")	536.00

SCHEDULE F: Charges for Temporary Water Service During Construction

	<i>Building Size in Square Meters of Gross Floor Area</i>	<i>Rate in Dollars of Gross Floor Area Per Building</i>
Up to and including	500	\$167.00
Over 500 but not exceeding	2,000	327.00
Over 2,000 but not exceeding	9,000	492.00
Over 9,000 but not exceeding	24,000	826.00
Over 24,000 but not exceeding	45,000	1,237.00
Over 45,000		1,641.00

SCHEDULE G: Fees for Installation of Water Meters

<i>Size of Standard Meter</i>	<i>Meter on City Property</i>	<i>Meter on Private Property</i>
20 mm (3/4")	\$ 2,537.00	\$320.00
25 mm (1")	2,610.00	339.00
40 mm (1 1/2")	2,697.00	339.00
50 mm (2")	2,697.00	482.00
75 mm (3")	9,608.00	743.00
100 mm (4")	9,608.00	743.00
150 mm (6")	33,159.00	832.00
200 mm (8")	33,159.00	963.00
250 mm (10")	39,779.00	1,254.00
300 mm (12")	39,779.00	1,254.00

SCHEDULE H: Miscellaneous Fees for Water Users

Cross Connection Control Administration Fees	
First Assembly	\$25.00
Additional Assembly	12.50

Charges when service pipes are shut off for more than 90 days for 15mm, 20mm or equivalent unmetered services, for each month or part thereof	2.00
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Extra charge for inaccessible meter reading (per month)	45.00
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Annual flat rate for air conditioning units drawing more than 28.4 litres per minute (fee per year)	300.00
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Special Meter Reading (per occurrence)	75.00
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Customer Requested Meter Test (deposit)	110.00
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SCHEDULE I: Miscellaneous Charges

Charges for Returned Cheques	\$35.00
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Residual Water Pressure Estimate Fee	
Original calculation	35.00
Additional copies for same location	10.00

Miscellaneous water information requests (per hour)	40.00
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City Crew Call Out fee (normal working hours) (per occurrence)	50.00
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City Crew Call Out fee (outside normal working hours) (per occurrence)	200.00
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Frozen pipe thawing request	
Deposit	90.00
Fee to thaw frozen pipe	at cost

Water Service Shut Off or Turn On request (per occurrence)	50.00"
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14. This By-law is to come into force and take effect on January 1, 2009.

ENACTED by Council this _____ day of _____, 2008

Mayor

City Clerk

EXPLANATION

**Sewer and Watercourse By-law
regarding 2009 fees**

**Subject to Approval
of Appendix A**

Enactment of the attached by-law will implement Council's resolution of December 18, 2008 respecting new sewer and watercourse rates and fees to be effective from January 1, 2009.

Director of Legal Services
December 18, 2008



BY-LAW NO. _____

**A By-law to amend
Sewer and Watercourse By-law No. 8093
regarding 2009 fee increases**

THE COUNCIL OF THE CITY OF VANCOUVER, in public meeting, enacts as follows:

1. Council repeals Parts I, III, IV, and V of Schedule A to the Sewer and Watercourse By-law, and substitutes:

“PART I

SEWER CONNECTION RATES

Every applicant for a public sewer connection must, at the time of application, pay to the City the following rates:

1.	Public sewer connection, for One-Family or Two-Family Dwellings:	\$ 7,306.00
2.	Public sewer connection, other than One-Family or Two-Family Dwellings:	
	a) 4 inch/100 mm diameter	\$ 10,162.00
	b) 6 inch/150 mm diameter	\$ 12,265.00
	c) 8 inch/200 mm diameter	\$ 13,875.00
	d) 10 inch/250 mm diameter	\$16,007.00
	e) 12 inch/300 mm diameter	\$18,188.00
	f) 15 inch/375 mm diameter	\$20,339.00
	g) greater than 15 inch/375 mm diameter pursuant to Sentence 2.7(2)	\$20,339.00
	h) manhole installation in conjunction with a public sewer connection pursuant to Sentence 2.7(3)	At cost, pursuant to Sentence 2.7(3)
3.	Where a public sewer connection will be placed more than 5 feet below the ground elevation, taken to the nearest foot and measured at the centre line of the street or lane as determined by the City Engineer, the fees payable shall be an amount equivalent to an increase of 10%, for each additional foot below 5 feet, of the fee otherwise payable by section 1 or 2 above.	

4.		New fitting on a twin sewer pursuant to Sentence 2.7(4)	\$ 3,791.00
5.		New fitting on a single sewer pursuant to Sentence 2.7(4)	\$ 1,671.00
6.		Inspection of a plumbing system, subsoil drainage pipes and a building sewer	\$ 238.00

PART III

**FLAT RATES
FOR UNMETERED PROPERTY**

Single Family Dwelling	\$195.00
Single Family Dwelling with Suite	\$264.00
Strata Duplex (per dwelling unit)	\$132.00
2 Services, 1 Lot	\$390.00
3 Services, 1 Lot	\$585.00
4 Services, 1 Lot	\$780.00
Parking Lot/Garden	\$ 111.00

PART IV

**FLAT RATES FOR OTHER PROPERTY
OR SHUT OFF WATER SERVICE**

Other Property	\$111.00
Turned Off, 1 Service	\$111.00
Turned Off, 2 Services	\$111.00
Turned Off, 3 Services	\$111.00

PART V

UNIT-BASED RATES FOR METERED PROPERTY

Minimum Charge	\$8.45
Metered Property Rate	\$1.243
Waste Discharge Permit User Rate	\$0.18069

2. Council repeals Part II of Schedule B to the Sewer and Watercourse By-law, and substitutes:

“PART II

BOD/TSS/FLOW RATES

A. Usage-Based Rate:

BOD Load Rate (per kilogram of BOD Load)	\$0.047
TSS Load Rate (per kilogram of TSS Load)	\$0.394
Flow Rate (per cubic metre of Flow)	\$0.059

B. GVS&DD Sewage Facility - Capacity Utilization Rate:

BOD Load Capacity Utilization Rate (per Average BOD Load/Operating Day/ per year)	\$ 43.40
TSS Load Capacity Utilization Rate (per Average TSS Load/Operating Day/ per year)	\$47.14
Flow Load Capacity Utilization Rate (per Average Flow/Operating Day/ per year)	\$18.85

3. This By-law is to come into force and take effect on January 1, 2009.

ENACTED by Council this _____ day of _____, 2008

Mayor

City Clerk

EXPLANATION

**Sewer and Watercourse By-law
regarding 2009 fees**

**Subject to Approval
of Appendix B**

Enactment of the attached by-law will implement Council's resolution of December 18, 2008 respecting new sewer and watercourse rates and fees to be effective from January 1, 2009.

Director of Legal Services
December 18, 2008

BY-LAW NO. _____



**A By-law to amend
Sewer and Watercourse By-law No. 8093
regarding 2009 fee increases**

THE COUNCIL OF THE CITY OF VANCOUVER, in public meeting, enacts as follows:

1. Council repeals Parts I, III, IV, and V of Schedule A to the Sewer and Watercourse By-law, and substitutes:

"PART I

SEWER CONNECTION RATES

Every applicant for a public sewer connection must, at the time of application, pay to the City the following rates:

1.	Public sewer connection, for One-Family or Two-Family Dwellings:	\$ 7,306.00
2.	Public sewer connection, other than One-Family or Two-Family Dwellings:	
	a) 4 inch/100 mm diameter	\$ 10,162.00
	b) 6 inch/150 mm diameter	\$ 12,265.00
	c) 8 inch/200 mm diameter	\$ 13,875.00
	d) 10 inch/250 mm diameter	\$16,007.00
	e) 12 inch/300 mm diameter	\$18,188.00
	f) 15 inch/375 mm diameter	\$20,339.00
	g) greater than 15 inch/375 mm diameter pursuant to Sentence 2.7(2)	\$20,339.00
	h) manhole installation in conjunction with a public sewer connection pursuant to Sentence 2.7(3)	At cost, pursuant to Sentence 2.7(3)
3.	Where a public sewer connection will be placed more than 5 feet below the ground elevation, taken to the nearest foot and measured at the centre line of the street or lane as determined by the City Engineer, the fees payable shall be an amount equivalent to an increase of 10%, for each additional foot below 5 feet, of the fee otherwise payable by section 1 or 2 above.	

4.		New fitting on a twin sewer pursuant to Sentence 2.7(4)	\$ 3,791.00
5.		New fitting on a single sewer pursuant to Sentence 2.7(4)	\$ 1,671.00
6.		Inspection of a plumbing system, subsoil drainage pipes and a building sewer	\$ 238.00

PART III

**FLAT RATES
FOR UNMETERED PROPERTY**

Single Family Dwelling	\$180.00
Single Family Dwelling with Suite	\$243.00
Strata Duplex (per dwelling unit)	\$122.00
2 Services, 1 Lot	\$360.00
3 Services, 1 Lot	\$540.00
4 Services, 1 Lot	\$720.00
Parking Lot/Garden	\$ 102.00

PART IV

**FLAT RATES FOR OTHER PROPERTY
OR SHUT OFF WATER SERVICE**

Other Property	\$102.00
Turned Off, 1 Service	\$102.00
Turned Off, 2 Services	\$102.00
Turned Off, 3 Services	\$102.00

PART V

UNIT-BASED RATES FOR METERED PROPERTY

Minimum Charge	\$7.78
Metered Property Rate	\$1.144
Waste Discharge Permit User Rate	\$0.10563

2. Council repeals Part II of Schedule B to the Sewer and Watercourse By-law, and substitutes:

“PART II

BOD/TSS/FLOW RATES

A. Usage-Based Rate:

BOD Load Rate (per kilogram of BOD Load)	\$0.047
TSS Load Rate (per kilogram of TSS Load)	\$0.394
Flow Rate (per cubic metre of Flow)	\$0.059

B. GVS&DD Sewage Facility - Capacity Utilization Rate:

BOD Load Capacity Utilization Rate (per Average BOD Load/Operating Day/ per year)	\$ 43.40
TSS Load Capacity Utilization Rate (per Average TSS Load/Operating Day/ per year)	\$47.14
Flow Load Capacity Utilization Rate (per Average Flow/Operating Day/ per year)	\$18.85

