



# City of Richmond

## Report to Committee

**To:** Public Works and Transportation Committee

**Date:** May 18, 2016

**From:** John Irving, P.Eng. MPA  
Director, Engineering

**File:** 12-8060-20-  
009570/Vol 01

**Re:** Amendment to Waterworks and Water Rates Bylaw No. 5637

### Staff Recommendation

That Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9570, be introduced and given first, second and third readings.

John Irving, P.Eng. MPA  
Director, Engineering  
(604-276-4140)

Att. 1

REPORT CONCURRENCE		
<b>ROUTED TO:</b>	<b>CONCURRENCE</b>	<b>CONCURRENCE OF GENERAL MANAGER</b>
Water Services Law	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<b>REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE</b>	<b>INITIALS:</b> DW	<b>APPROVED BY CAO</b> 

## Staff Report

### Origin

Waterworks and Water Rates Bylaw No. 5637 (“Water Bylaw”) governs the use of and access to the City’s water distribution system. Updates to the bylaw are periodically required to address new and emerging issues.

This report outlines a recommended change to the Water Bylaw, as proposed with Amendment Bylaw No. 9570 (Attachment 1).

### Analysis

The Water Bylaw has provisions to allow water service connection work to be constructed by the City at a fixed fee. The fixed fees, which vary with connection size, are applicable to connections up to eight inches in diameter.

The fixed fees provide full cost recovery for a typical installation, but do not account for installations that require additional work, such as deep excavation, dewatering and extensive restoration. Small service connections (less than four inches) are relatively straightforward and typically do not require additional work; however, large service connections (four inches and above) often involve additional work and higher costs. As a result, the fixed fees do not allow the City to fully recover the cost of installation for large service connections.

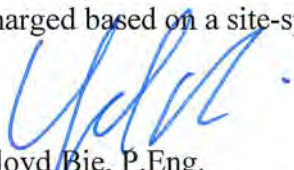
In order to improve cost recovery and for property owners to pay a fee that is more accurate and relevant to their property, Staff recommend that the installation of service connections four inches and above be charged based on a site-specific firm price estimate, as proposed with Amendment Bylaw No. 9570 (Attachment 1).

### Financial Impact


None.

### Conclusion

Amendment Bylaw No. 9570 proposes changes to Waterworks and Water Rates Bylaw No. 5637 in order to improve cost recovery for large service connection work. Staff recommend that the Water Bylaw be amended for service connection installations four inches and above to be charged based on a site-specific firm price estimate.



Lloyd Bie, P.Eng.  
Manager, Engineering Planning  
(4075)



Jason Ho, P.Eng.  
Project Engineer  
(1281)

LB;jh

Att. 1: Waterworks and Water Rates Bylaw No. 5637, Amendment Bylaw No. 9570



# City of Richmond

## Bylaw 9570

### Waterworks and Water Rates Bylaw No. 5637 Amendment Bylaw No. 9570

The Council of the City of Richmond enacts as follows:

1. The **Waterworks and Water Rates Bylaw No. 5637**, as amended, is further amended:
  - (a) by deleting Schedule D in its entirety and substituting Schedule A attached to and forming part of this Bylaw.
2. This Bylaw is cited as **“Waterworks And Water Rates Bylaw No. 5637, Amendment Bylaw No. 9570”**.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

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CITY OF RICHMOND
APPROVED for content by originating dept.
JS
APPROVED for legality by Solicitor
LB

\_\_\_\_\_  
MAYOR

\_\_\_\_\_  
CORPORATE OFFICER

**SCHEDULE A to AMENDMENT BYLAW No. 9570**

**SCHEDULE "D" to BYLAW 5637**

**1. WATER CONNECTION CHARGE**

<b>One-Family, Two-Family, Multi-Family, Industrial, Commercial Water Connection Size</b>	<b>Connection Charge</b>	
	<b>Tie In Charge</b>	<b>Price Per Metre of Service Pipe</b>
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 or larger	in accordance with Section 38	in accordance with Section 38

**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
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