



City of Richmond

Report to Committee

To: Public Works and Transportation Committee **Date:** February 25, 2010
From: Tom Stewart **File:** 10-6370-00/Vol 01
Director, Public Works Operations
Re: **Solid Waste & Recycling Regulation Bylaw 6803, Amendment Bylaw 8578**

Staff Recommendation

1. That Solid Waste and Recycling Regulation Bylaw 6803, Amendment Bylaw 8578, be introduced and given first, second and third readings.
2. That the revised annual contract value of T.2988, Residential Solid Waste and Recycling Collection Services, in the amount of \$4,496,396.97, plus applicable taxes, for 2010, plus annual increases of 3% on January 1st of each subsequent year of the contract, starting January 1, 2011, be approved.

Tom Stewart
Director, Public Works Operations
(604-233-3301)

FOR ORIGINATING DEPARTMENT USE ONLY			
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER	
Law Department	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		
REVIEWED BY TAG	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	REVIEWED BY CAO	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

Staff Report

Origin

At their November 23, 2010 meeting, Council approved adding food waste organics to the City's recycling program. This program will help to reduce the amount of waste sent to landfills and increase the amount of materials recycled into beneficial uses, such as finished compost. Program implementation is to take effect on April 1, 2010.

This report presents the administrative amendments necessary to implement the program including changes to the Solid Waste and Recycling Regulation Bylaw 6803 and an increase in the total annual value of the City's collection services contract.

Analysis

1. *Solid Waste and Recycling Regulation Bylaw 6808, Amendment Bylaw 8578*

This proposed amendment bylaw incorporates the following changes required to implement the food waste organics collection program:

- a) The addition of food waste organics, and the related details/definitions and preparation requirements for collection. This includes items such as: 80 litre maximum size containers; 20 kg maximum weight, the requirement that containers be labelled and visible from the streetscape, the elimination of plastic bags (for yard trimmings/organics) and the requirement to use re-usable containers and/or compostable paper bags.
- b) A change in the collection starting time of 7:30 a.m. for all garbage and recycling materials.

In addition, amendments are proposed to clarify ownership and responsibility of items deposited at curbside as well as at the City's Recycling Depot. This change is not related to the addition of food waste organics collection. It is an opportune change proposed by staff to ensure consistency between the City's Recycling Depot facility and curbside collection program in relation to recyclable material tampering.

The effective date of the bylaw is proposed for May 1st, in order to allow a one-month transition period for residents to exhaust any existing supplies of clear plastic bags for yard trimmings, acquire supplies of paper yard waste bags, etc. Plastic bags with trimmings will not be accepted after the end of April.

2. *Contract T.2988 – Residential Solid Waste and Recycling Collection Services*

An amendment agreement has been prepared to implement the changes approved by Council at its November 23, 2009 meeting. This includes the following revisions, effective April 1, 2010:

- a) The addition of food waste organics collection services to the contract,
- b) The removal of yard and garden waste processing services from the contract,
- c) An extension of the contract to December 31, 2014; and
- d) An annual inflationary increase of 3% starting April 1, 2010.

The above amendments result in a revised annual contract value of \$4,496,396.97, plus applicable taxes, for 2010. This amount includes the 3% inflationary increase effective April 1, 2010. In subsequent years, the 3% inflationary increase will apply on January 1st of each year of the remaining term of the contract. This report recommends that Council approve the revised annual contract value.

Financial Impact

There is no financial impact associated with the recommendations contained in this report as the amendments are administrative in nature. Cost information was previously presented and approved at the November 23, 2009 Council meeting.

Conclusion

This report presents the bylaw and contract amendments necessary to implement the changes approved by Council at its November 23, 2009 meeting to include food waste organics collection in the City's recycling program.



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

SJB:



**Solid Waste & Recycling Regulation Bylaw 6803,
Amendment Bylaw 8578**

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:

(a) by deleting paragraph 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** and from each unit in a **duplex dwelling**; and

(b) 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, may place for collection, in addition to other **garbage** for collection,

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

(i) securely tied in a bundle that is less than: 1 meter (39 inches) in length; 0.6 metres (24 inches) in width; 0.3 metres (12 inches) in height; and 20 kilograms (44 lbs) in weight; or

(ii) placed in a **yard/food waste 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) has a shape and opening which permits emptying with minimum effort;

(D) has handles or handling devices which permit lifting and emptying safely by one person;

(E) is strong enough to withstand normal handling and lifting;

(F) does not exceed a gross weight of 20 kilograms (44 lbs) when full;

(G) is properly closed and sealed; and

(H) has a capacity of not more than 80 litres (2.82 cubic feet) and a diameter of not more than 0.6 metres (24 inches); or

iii) placed in a **compostable paper bag** which meets the criteria set-out in paragraphs 2.5.1(a)(ii)(E), (F), (G) and (H); and

(b) **food waste**, provided such materials are placed in a **yard/food waste container** which meets the criteria set-out in subsection 2.5.1(a)(ii) or a **compostable paper bag** which meets the criteria set-out in paragraphs 2.5.1(a)(ii)(E), (F), (G) and (H).

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, in a **yard/food waste container**.

(c) by deleting section 3.1.2 and substituting the following:

3.1.2 A person must not leave, deposit, dump, scatter, litter or otherwise dispose of

(a) **garbage**;

(b) materials listed in section 1.6.1;

(c) **recyclable materials**;

(d) **yard and garden trimmings**;

(e) **food waste**; or

(f) other discarded materials

on any highway, park or other public place or on land owned by or under the jurisdiction of the City.

(d) by deleting section 5.1.1 and substituting the following:

5.1.1 Every **occupier of residential property** to which City **garbage** collection service or City recycling service is provided must maintain all **garbage containers, recycling receptacles** and if applicable, **yard/food waste containers** and any enclosures for them in a clean and sanitary condition, and in good order and repair.

- (e) by deleting Part Seven: Substandard Garbage Containers and Recycling Receptacles in its entirety and substituting the following:

PART SEVEN: SUBSTANDARD CONTAINERS AND RECYCLING RECEPTACLES

7.1 A **collector** may condemn any **garbage container, yard/food waste container or recycling receptacle** if it is unfit for its intended purpose, by attaching a warning tag to such container or receptacle, and the contents of such condemned container or receptacle may not be collected.

7.2 An **occupier** whose **garbage container, yard/food waste container or recycling receptacle** has been condemned, in accordance with section 7.1, must, within seven (7) days of a warning tag being attached, replace:

- (a) such condemned **garbage container** with one that meets the specifications of subsection 1.4.1;
- (b) such condemned **yard/food waste container** with one that meets the specifications of subsection 2.5.1(a)(ii); or
- (b) such condemned **recycling receptacle** with another receptacle provided by the City,

whichever is applicable.

- (f) by deleting section 8.1.1 and substituting the following:

8.1.1 An **occupier of a residential property** to which City **garbage** collection service or City recycling service is provided must:

- (a) store all **garbage containers, yard/food waste containers and recycling receptacles** on the property to which they belong, and ensure that they do not encroach from such property, or project over any street, lane or other public place; and
- (b) place all **garbage containers, yard/food waste containers and recycling receptacles** which are intended for collection, at either the back lane or at the front street, whichever may be specified by the **General Manager of Engineering & Public Works**, and in accordance with the following:

- (i) be placed adjacent to, but not on the travelled portion of the roadway on **collection day**, and so that they do not endanger vehicle or pedestrian traffic or interfere with City street cleaning or other equipment;
 - (ii) be placed for collection no earlier than 8:00 p.m. of the day before **collection day** and no later than 7:30 a.m. on **collection day**, and they must be returned to their storage location no later than 9:00 p.m. the same day; and
 - (iii) be placed so that they are easily seen by collection staff, readily accessible by unobstructed access, and can be conveniently handled from ground level, so that collection staff are not required to open gates, climb or descend stairs, lift containers or receptacles over fences, or be otherwise unnecessarily inconvenienced.
- (g) by deleting section 8.2 and substituting the following:
- 8.2 No person may place any **garbage container, yard/food waste container or recycling receptacle** out for collection:
- (a) in any location except on the same property from which it came; or
 - (b) on the property of another person without the permission of that person.
- (h) by deleting sections 10.1, 10.2 and 10.3 in their entirety and substituting the following:
- 10.1 Any **recyclable materials** left for collection in any **recycling receptacle** or left, placed, deposited or disposed of at a City recycling depot become the property of the City, provided such materials comply with the requirements of this bylaw.
- 10.2 Any loss or damage resulting from the collection of **garbage, yard and garden trimmings, food waste or recyclable materials** becomes the responsibility of the person who placed such material out for collection.
- 10.3 No person other than the **General Manager of Engineering & Public Works** or a **collector**, or agent of the City may tamper with, examine or remove any **garbage, yard and garden trimmings, food waste or recyclable materials** left by another person on another property for collection or left, placed, deposited or disposed of at a City recycling depot.
- (i) by deleting section 12.1 and substituting the following:
- 12.1 Any **garbage, yard and garden trimmings, food waste, recyclable materials** or other material left for collection which does not comply with

the requirements of this bylaw will not be collected, and any **garbage container, yard/food waste container or recycling receptacle** which does not meet the requirements of this bylaw will not be emptied.

- (j) by adding the following definitions to Part Fifteen: Interpretation, in alphabetical order:

COMPOSTABLE PAPER BAG

means a kraft paper bag which does not contain and is not adhered to plastic, metal or other non-compostable material

FOOD WASTE

means meats, fish, bones, seafood shells, vegetable peelings and seeds, fruit peelings and seeds, eggshells, pasta, rice, baked goods, desserts, dairy, butter, sauces, food-soiled papers such as: pizza boxes, ice cream cartons, paper plates and napkins, coffee grounds and coffee filters, tea bags and tea leaves, and similar products as approved for disposal by the **General Manager of Engineering & Public Works** from time to time

YARD/FOOD WASTE CONTAINER

means a container which meets the requirements of s. 2.5.1(a)(ii) and is used solely to hold **yard and garden trimmings and food waste**

- 2. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by deleting Schedule B and substituting Schedule B attached to and forming part of this Bylaw.
- 3. This Bylaw comes into force and effect on May 1, 2010.
- 4. This Bylaw is cited as "**Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw 8578**".

FIRST READING

SECOND READING

THIRD READING

ADOPTED

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

MAYOR

CORPORATE OFFICER

SCHEDULE B to BYLAW 6803

FEES FOR CITY RECYCLING SERVICE	
Annual City recycling service fee:	
(a) for residential properties, which receive blue box service (per unit)	\$ 49.84
(b) for multi-family dwellings or townhouse developments which receive centralized collection service (per unit)	\$ 28.84
Annual recycling service fee for yard and garden trimmings and food waste from single-family dwellings and from each unit in a duplex dwelling	\$ 42.34
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	
(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	\$ 1.72