



CITY OF VANCOUVER

ADMINISTRATIVE REPORT

Date: November 29, 2005
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Meeting Date: December 15, 2005

TO: Standing Committee on City Services and Budgets
FROM: General Manager of Engineering Services
SUBJECT: 2006 Solid Waste Utility (SWU) Fees and By-Law Changes

RECOMMENDATION

A.

- i) THAT the 2006 annual garbage collection fees be established as \$27 per 100 litre of garbage receptacle volume plus a \$50 service fee per cart as follows:

<u>Cart Size</u>	<u>Service Fee</u>	<u>Cart Fee</u>	<u>Total Fee</u>
75 litres	\$ 50	\$ 20	\$ 70
120 litres	\$ 50	\$ 32	\$ 82
180 litres	\$ 50	\$ 49	\$ 99
240 litres	\$ 50	\$ 65	\$ 115
360 litres	\$ 50	\$ 97	\$ 147

- ii) THAT the 2006 annual garbage collection fees be established as \$27 per 100 litre of garbage receptacle volume plus \$50 per stop for properties where it is not possible to provide automated collection service.
- ii) THAT the 2006 annual recycling fees for single dwelling unit properties be increased by \$1 to \$20, and for multiple dwelling unit properties be increased by \$1 to \$10 per dwelling unit but remain at \$10 per stop.
- iii) THAT the 2006 annual yard waste collection fees be increased by \$2 to \$40 per stop.

- B. THAT Vancouver Landfill demolition tipping fees be adjusted from \$410 to \$430 for each tandem axle trailer and from \$495 to \$520 for each tridem axle trailer to reflect market rates.
- C. THAT Council authorize the city to recover costs from any person who disposes at the Vancouver Landfill or Vancouver South Transfer Station, Prohibited Materials, as defined in Schedule E of the Solid Waste and Recycling By-law.
- D. THAT funding of \$100,000 per year be provided in the Vancouver South Transfer Station and Vancouver Landfill Operating Budgets to continue a trial extending operating hours during summer months, with costs shared by Vancouver Landfill and Vancouver South Transfer Station users resulting in no impact on the City's Operating Budget.
- E. THAT the Director of Legal Services be instructed to bring forward for enactment the revisions to the Solid Waste and Recycling By-law substantially as referred to in these Recommendations and substantially as set out in Appendix A.

GENERAL MANAGER'S COMMENTS

The General Manager of Engineering Services recommends approval of A through E.

COUNCIL POLICY

On May 3, 1994, Council agreed to support the Greater Vancouver Solid Waste Management Plan, which includes the need for recycling and yard waste programs, as well as a user pay principle for solid waste programs.

On October 7, 1997, Council approved the implementation of the Solid Waste Utility effective January 1, 1998.

On January 29, 2004, Council approved the implementation of automated garbage collection service beginning in 2005, and automated yard trimmings collection beginning in 2006.

On September 30, 2004, Council approved a preliminary fee structure with estimated costs for the automated garbage and yard trimmings collection service effective January 1, 2006 and January 1, 2007 respectively.

Also on September 30, 2004, Council adopted various Garbage Service and Yard Trimmings Administrative Policies for automated collection, including but not limited to minimum service allocations and fees for change in service levels.

SUMMARY

The way the City has delivered solid waste services in the last eight years has changed significantly. The funding of these programs has also moved progressively towards user pay, consistent with the objectives of the Solid Waste Management Plan. With the implementation of automated garbage and yard trimmings collection the Solid Waste Utility (SWU) provides a

more comprehensive “pay as you throw” pricing mechanism, which results in a strong incentive for individuals to reduce waste.

A comparison of the 2005 fees to the 2006 recommended SWU fees for solid waste collection from single dwelling unit house owners is provided in Table 1.

Table 1 - Summary of 2005 - 2006 SWU Fees

Service	2005 Fees	Recommended 2006 Fees	\$ Change
Garbage Collection			
75 litre cart service	-	\$70	-
120 litre cart service	-	\$82	-
180 litre cart service	-	\$99	-
240 litre cart service	-	\$115	-
360 litre cart service	-	\$147	-
200 litre can service (2 cans)*	\$92	\$104	+\$12
Recycling Collection (net)	\$19	\$20	+\$1
Yard Trimmings Collection	\$38	\$40	+\$2

*manual garbage collection

The proposed fee for garbage collection service in 2006 is \$27 per 100 litres plus a \$50 service fee per cart.

For the few properties that cannot be serviced using automation the proposed fee for garbage collection service in 2006 is \$27 per 100 litres plus a \$50 stop fee.

Table 2 describes the average annual collection rate increase from 2005 to 2006, and a summary of cost drivers for service to a single family home.

Table 2 - Single Family Home Average Fee Increase

Material Collected	2005 to 2006 Fee Increase	Cost Drivers
Garbage	\$8*	- Cost of new automated program
Recyclables	\$1	- Reduction in material quantity and revenue - Increase in labour and equipment costs
Yard Trimmings	\$2	- Increase in material quantity - Inflation
Total	\$11	

*weighted average based on distribution of all cart sizes

Staff also recommend:

- tipping fees for demolition materials accepted at the Vancouver Landfill (VLF) be increased by about 5% to \$430 for each tandem axle trailer load and \$520 for each tridem axle trailer load to reflect market conditions;
- the Solid Waste & Recycling By-law be revised to permit the City to recover costs from any person or legal entity that disposes at VLF or Vancouver South Transfer Station (VSTS) Prohibited Materials as defined in Schedule E of the Solid Waste and Recycling By-law; and

- funding be provided to continue a trial extending operating hours at VSTS and VLF during summer months to reduce traffic congestion during peak hours.

PURPOSE

The purpose of this report is to obtain Council authority to:

- set the 2006 Solid Waste Utility Fees (SWU) and VLF demolition tipping fees;
- increase the VSTS and VLF Operating Budgets to allow extended summer operating hours,
- to make various housekeeping changes to the Solid Waste and Recycling By-Law, as well as other changes to reflect the implementation of the automated garbage collection program and a cost recovery mechanism for the clean up of prohibited materials disposed at the VLF and VSTS.

BACKGROUND

The way the City has delivered solid waste services has changed significantly in the last eight years. Since the formation of the SWU in 1998, the City has implemented apartment recycling and yard trimmings collection programs. Residential garbage collection has been reduced from about 76,000 tonnes per year to about 58,000 tonnes per year in the same period. Most of this decline is attributable to the yard trimmings collection program that is expected to divert about 14,100 tonnes from the VLF in 2005.

The establishment of the SWU in 1998 also resulted in a significant change in the way solid waste costs are allocated. Within a Utility City charges user fees rather than utilizing property taxes to recover the cost of services. While property taxes are based on assessed value, utility fees are based on a user pay concept. The SWU is therefore self funded and independent of the City's operating budget. This "pay as you throw" model of cost recovery achieves an appropriate and equitable balance of costs with level of service, and is consistent with the objectives of the Regional Solid Waste Management Plan. Unit pricing mechanisms, such as that which is assigned to the new automated garbage collection program, also provide a strong incentive to reduce waste since those who generate more waste pay higher fees for waste collection and disposal services.

The 2005 SWU fees for manual garbage collection are based on a stop fee of \$28 and a charge per can of \$32. This fee structure most accurately reflects servicing costs. With the current two can minimum for the manual garbage collection program, this fee structure results in a 2005 garbage fee of \$92 for a single family dwelling.

On September 30, 2004 Council approved a preliminary fee structure with estimated costs for the new automated garbage and yard trimmings collection programs. The fee structure consists of two components: a fixed fee ("Service Fee"), the same for each cart set to recover 50% of program costs, and a uniform volumetric price ("Cart Fee") set to recover the other 50%. The Service Fee recovers the cost of supplying and maintaining the carts, and other program costs such as education and promotion and administrative overhead (billing, project management costs, etc.). The Cart Fee (\$/litre) component consists of collection costs, including labour and equipment. Table 3 provides a summary of the fees for automated garbage collection estimated in 2004.

Table 3 - Automated Garbage Collection Preliminary Costs Estimated in 2004

Cart Size	Service Fee Estimated in 2004	Cart Fee Estimated in 2004	Total Estimated Fee
75 litres	\$ 50	\$ 25	\$ 75
120 litres	\$ 50	\$ 40	\$ 90
180 litres	\$ 50	\$ 60	\$ 110
240 litres	\$ 50	\$ 80	\$ 130
360 litres	\$ 50	\$ 120	\$ 170

The 2006 rates discussed herein are based on the true servicing costs of the automated garbage collection program. In 2007, the SWU fees will also reflect the implementation of the automated yard trimmings collection program and will require setting by Council in late 2006.

The transfer and disposal of solid wastes, through VSTS and VLF, is operated as a self funding business unit. The costs of these operations are recovered through tipping fees charged to the users of these facilities including residential and commercial customers and the City's Solid Waste Utility customers. Any surplus revenue is transferred to the Solid Waste Capital Reserve for the purpose of funding future closure and post closure expenditures at the Landfill.

DISCUSSION

A) Solid Waste Utility Collection Fees

Garbage Collection

The 2006 recommended expenditure budget for garbage collection is \$9,216,700 which is an 8.7% increase from 2005. The average homeowner will see an increase of \$8 (weighted average) in the garbage portion of their annual solid waste fees. This increase is less than what was initially estimated and reported to Council in 2004, during the planning phase of the automated collection program. At that time an average increase of \$10 per single family home was forecasted for the garbage portion of the solid waste fees, since a greater distribution of smaller carts was assumed.

Table 4 - 2004 Estimated vs. 2006 Recommended Garbage Rates

Cart Size	2006 Cart Fees Estimated in 2004	2006 Recommended Cart Fees
75 litres	\$ 75	\$ 70
120 litres	\$ 90	\$ 82
180 litres	\$ 110	\$ 99
240 litres	\$ 130	\$ 115
360 litres	\$ 170	\$ 147

By the end of 2005 approximately 54,000 properties will have been converted to automated garbage collection service. Another approximately 35,000 properties will have their service

transitioned from manual to automated garbage collection in the first two months of 2006. For 2006 all customers will be assessed the new cart rate for the full year.

The majority of the City's customers receiving garbage collection service, or approximately 89,000 properties, will be serviced using automated collection once the program is fully implemented in early 2006. However, the City also provides garbage collection service to about 100 customers that are unable to use the new cart service for various reasons (e.g. lack of space for carts, new carts and/or the automated trucks cannot access these properties, etc.). Staff are reviewing these accounts, which are primarily commercial properties, and will work with these customers to convert them to full or semi automated service wherever practicable. However, some customers may need to be serviced using traditional manual garbage collections, at least in the near term. Staff recommend that beginning in 2006 these customers are billed on the same basis as the automated cart customers to provide for a consistent user pay pricing mechanism. It is proposed that these customers are billed a service fee of \$50 for each stop plus a volume fee of \$27 for each 100 litre garbage receptacle. Therefore, the rate for a two can customer receiving manual service will increase from \$92 to \$104 in 2006.

Recycling

The 2006 recommended net expenditure budget for recyclables collection is \$3,503,200 which is a 10.5% increase from 2005. The homeowners of a single family dwelling will see a \$1 increase in their annual recycling fees. The expected increase in costs is mainly due to a decrease in the expected recyclables' revenues and increased City labour and equipment costs. The recyclables' revenues decreased in 2005 due to lower commodity prices and tonnages for old newsprint, and this is projected to continue in 2006. Commodity prices can fluctuate considerably from year to year. Therefore, the annual budget for recyclables' revenues is based on a five-year moving average to provide stability to the fees charged to homeowners.

Yard Trimmings Collection

The 2006 recommended expenditure budget for yard trimmings collection is \$3,479,500 which is a 6.4% increase from 2005. The budget increase is mainly due to an increase in the amount of yard trimmings and street leaves collected for processing, and the cost of inflation. Most homeowners will see an increase of \$2 in their annual yard trimmings fees.

As previously approved by Council, the cost of automated yard trimmings collection will be set by Council in late 2006 for implementation in 2007. Any variance that may result between the cost of automated and manual yard trimmings collection during program transition in 2006 will be absorbed by the SWU.

B) Vancouver Landfill and Vancouver South Transfer Station Initiatives

VLF Tipping Fees for Demolition Materials

Wood waste demolition materials are accepted at the VLF primarily as fill for regrading previously filled portions of VLF for run-off and end-use purposes. Demolition materials meeting the City's specifications are accepted at a preferential rate compared to garbage disposal fees. Those rates have historically been set at a level to allow flexibility in meeting

demand for supply of the material for landfill construction. A review of the fees charged at the private demolition sites indicates that the City can increase its fees by about 5% and still receive sufficient material for regrading purposes. The recommended fees are \$430 for each tandem axle trailer and \$520 for each tridem axle trailer to reflect market rates.

Cost Recovery for Prohibited Materials Disposal

The Solid Waste and Recycling By-law includes provisions to prohibit the disposal of certain materials at VLF and VSTS. These materials are either prohibited for worker safety or environmental protection reasons or alternatively to promote waste reduction and recycling.

Periodically, prohibited materials are received at either VLF or VSTS. Where possible, the hauler of the material is required to remove the material for suitable disposal. On occasion, the disposal of prohibited materials requires that the City undertake clean-up and removal of the materials. In some cases, VSTS or VLF may need to be temporarily closed to facilitate clean-up activities. Temporary closure of VLF and VSTS results in inconvenience to the public, and costs to the City.

The Solid Waste and Recycling By-law does not currently include provisions that would allow the City to recover costs in the event prohibited materials are disposed of at VLF or VSTS. In the past, the City has successfully negotiated to recover some costs with parties responsible for the disposal of prohibited materials at VLF and VSTS, but a provision in the Solid Waste and Recycling By-law empowering the City to recover costs will improve the City's ability to recover losses in the future.

It is recommended that the Solid Waste and Recycling By-law be amended to include a provision that in the event any person causes the disposal at VSTS or VLF of Prohibited Materials as defined in Schedule E of the Solid Waste and Recycling By-law, the City be able to recover costs from that person.

Vancouver South Transfer Station and VLF Extended Summer Hours

In 2004, on a trial basis, operating hours at both VSTS and VLF were extended for the months of April to October. VSTS operated Monday to Friday from 5:15 a.m. to 9:00 p.m. compared to a 7:00 p.m. closing the rest of the year. Both facilities' hours were also increased on weekends. Data from 2004 and 2005 show that the extended hours are well received by users of both sites. From May to September an average of 30 vehicles per hour use VSTS during the extended operating hours.

The General Manager of Engineering Services is seeking funding approval to continue providing the extended summer hours. The annual cost of the increased hours is about \$100,000 per year for additional staff time and would be funded from users of the facilities.

Reducing use in peak hours minimizes line-ups and improves safety on access roads to the sites. Line-ups at VSTS create back-ups onto Kent Avenue causing significant safety issues. Line-ups at both sites can exceed 30 minutes during peak times. Use of both VSTS and VLF has increased by about 50% in the last five years. If hours are not extended during peak months, commercial haulers will reroute to GVRD disposal facilities due to congestion. Commercial haulers account for the majority of the approximately \$20,000,000 in annual tipping fee revenues at VLF and VSTS.

The extended hours are considered necessary at least until VSTS and VLF are redeveloped to improve capacity. An infrastructure review is underway at VSTS, and Council approved funding to upgrade the weighscale system and residential drop-off at VLF in June 2005.

C) Solid Waste & Recycling By-law Changes

To improve clarity and the organization of the current Solid Waste & Recycling By-law, and also to implement the various program changes discussed in this report and those previously approved by Council, it is recommended that the by-law be reorganized and revised accordingly. A draft of all by-law amendments is shown in Appendix A.

FINANCIAL IMPLICATIONS

A comparison of the 2005 solid waste collection expenditure budget versus the 2006 recommended budget for all categories of properties is provided in Table 5:

Table 5 - SWU Budget Comparison

Service	2005 Budget	2006 Budget	% Change
Garbage Collection	\$8,477,000	\$9,216,700	8.7%
Recycling Collection (net)	\$3,170,000	\$3,502,200	10.5%
Yard Trimmings Collection	\$3,269,000	\$3,479,500	6.4%
TOTAL	\$14,916,000	\$16,198,500	8.6%

For 2006, the average homeowner will see an increase of \$8 (weighted average) in their annual garbage collection fees, a \$1 increase in their annual recycling fees, and an increase of \$2 in their annual yard trimmings fees for a total SWU fee increase of \$11.

The proposed fee for garbage collection service in 2006 is \$27 per 100 litres plus a \$50 service fee per cart, or plus a \$50 stop fee per property for the few properties that will not be using automated containers.

The 2006 SWU fee structure for solid waste collections is summarized in Table 6

Table 6 - Summary of 2006 SWU Collection Fees

Service	2006 Recommended Fees
Garbage Collection	
75 litre cart service	\$ 70
120 litre cart service	\$ 82
180 litre cart service	\$ 99
240 litre cart service	\$ 115
360 litre cart service	\$ 147
200 litre can service (2 cans)*	\$ 104
Recycling Collection (net)	\$ 20
Yard Trimmings Collection	\$ 40

*manual garbage collection

Additional costs at VSTS and VLF are shared by all users of the facilities including the SWU. The additional costs resulting from extended operating hours during summer months is not expected to impact SWU fees.

CONCLUSION

Based on the forecasted 2006 costs, staff recommend that the 2006 SWU fees and demolition tipping fees be adopted as described in this report. Staff also recommend that funding for the extended operating hours of the VSTS and the housekeeping changes to the By-law discussed in this report be approved.

* * * * *

APPENDIX A**PROPOSED CHANGES TO SOLID WASTE AND RECYCLING BY-LAW (NEW TEXT IN ITALICS)**

Change By-law short title to read: *"Solid Waste By-law"*,

In Part II, add new terms:

"garbage" means that class of solid waste that is not recyclable material or yard waste.

"garbage cart" means a wheeled container supplied by the city for the deposit of garbage.

"garbage can" means a container supplied by the owner or occupier of property for the deposit of garbage.

"garbage bag" means a plastic bag supplied by the owner or occupier of property for the deposit of garbage.

Amend 3.1 to read:

"The City Engineer is authorized to collect solid waste from any premises in the city ."

Amend 3.2 to read:

"Any person may

(a) collect *garbage and yard trimmings...*"

Amend 3.3 to read:

"The City Engineer is authorized to operate and administer any and all of the city owned solid waste facilities."

Amend 3.4 to read:

"Subject to the terms, conditions and rates set out in this By-law, the City Engineer may, by separate agreement, provide

(a) additional solid waste collection services over and above the minimum mandatory solid waste collection service allocated under this By-law, and

(b) solid waste collection services to

(i) residential property which has not been allocated any solid waste service, as well..."

Amend title of Part IV to read: "GARBAGE SERVICE"

Replace Part IV with:

"4.1 General Garbage Service

(1) *Non-Residential Property*

An owner of a non-residential property may request in writing that the City Engineer provide garbage collection service at the applicable rates set out in Part I of Schedule B to this By-law.

4.2 *Garbage Cart Service*

(1) *Service Conditional on Compliance*

Solid waste will only be collected by the City where the owners and occupiers have complied with Sections 4.2(3) and 7.

(2) *Service Allocation to Residential Dwellings*

(a) *Minimum Service*

Each residential property will be allocated garbage cart service at the applicable number and size of carts, and at the applicable rate or rates set out in Part I of Schedule B [Garbage Cart Collection Service] to this By-law.

(b) *Strata Duplexes*

Despite section 4.2(2)(a) but subject to 4.2(3), each dwelling unit in a strata duplex will be allocated a minimum of one 75 litre cart per dwelling unit. A change in the allocation will be made upon request by the dwelling unit owner to any size above the minimum allocation set out in Part I of Schedule B [Garbage Cart Collection Service].

(c) *Rowhouses*

Despite section 4.2(2)(a) but subject to 4.2(3), each dwelling unit in a rowhouse will be allocated a minimum of one 75 litre cart per dwelling unit. A change in the allocation will be made upon request by the dwelling unit owner to any size above the minimum allocation. Rowhouses may consolidate garbage cart service to the calculated minimum volume set out in Part I of Schedule B [Garbage Cart Collection Service].

(3) *Additional Garbage Cart Service*

Despite sections 4.2(2)(a), (b), and (c)

(a) *an owner may request in writing that the City Engineer provide additional garbage cart service or any other additional service under this By-law,*

- (b) *the City Engineer may allocate sufficient size and number of garbage carts to an excess producer to make up the deficiency between solid waste collected and garbage cart collection services purchased, and for the purpose of this clause "excess producer" refers to that class of residential property, the owners or occupiers of which at any time require more solid waste collection services than the garbage cart service provided by the City,*
- (c) *additional garbage carts, either purchased or allocated, will not include service for yard waste collection, and*
- (d) *if the request referred to in clause (a) is approved by the City Engineer, the rates for such services will be entered by the Director of Finance on the real property tax rolls for that owner's parcel.*

(4) *Requesting a Reduction in Garbage Cart Service*

Subject to the minimum allocations set out in sections 4.2(2)(a), (b), and (c),

- (a) *an owner may request a reduction in the number or volume of garbage cart service purchased by the owner or allocated to an excess producer under section 4.2(3), and*
- (b) *the City Engineer may approve the request if the City Engineer is satisfied that a reduction will not cause the property to become an excess producer.*

(5) *Permitted Type of Garbage Cart*

Subject to Part VIII [City Stickers - Special Conditions, and Additional Bags], where the City provides garbage cart service, the owner or occupier must place all the material intended for collection in the appropriate garbage cart supplied to that owner or occupier.

(6) *Garbage Carts - Weight and Content Limits*

Garbage carts must not be filled,

- (a) *so that the gross weight exceeds the following limits*

<i>Rated Capacity of Garbage Cart</i>	<i>Weight Limit</i>
<i>75 litres</i>	<i>32.0 kg</i>
<i>120 litres</i>	<i>50.8 kg</i>
<i>180 litres</i>	<i>76.3 kg</i>
<i>240 litres</i>	<i>101.6 kg</i>
<i>360 litres</i>	<i>151.9 kg</i>

- (b) *in such a manner that*

- (i) *the contents cannot be easily emptied, or*
- (ii) *the lid does not close.*

(7) *Garbage Cart Service Conditions of Use*

Each owner or occupier to whom a garbage cart is issued will keep the garbage cart in good condition and return it to the City upon request.

4.3 *Garbage Can Service*

(1) *Service Condition on Compliance*

Solid waste will only be collected by the City where the owners and occupiers have complied with Sections 4.3.6, 4.3.7, Part VII [Restricted Materials], 7.2, 7.3, and 7.4.

(2) *Service Allocation to Residential Dwellings*

(a) *Minimum Service*

Subject to section 4.3(3), each residential property that does not receive garbage cart service will be allocated garbage can service at the applicable number of cans and the applicable rate or rates set out in Part I of Schedule B [*Garbage Can Collection Service*] to this By-law.

(b) *Strata Duplexes*

Despite section 4.3(2)(a) but subject to section 4.3(3), each dwelling unit in a strata duplex will be allocated two cans of service each collection period at the applicable rate or rates set out in Part I of Schedule B [*Garbage Can Collection Service*] to this By-law.

(c) *Rowhouses*

Despite section 4.3(2)(a) but subject to section 4.3(3), each dwelling unit in a rowhouse will be allocated two cans of service each collection period at the applicable rate or rates set out in Part I of Schedule B [*Garbage Can Collection Service*] to this By-law.

(3) *Additional Garbage Can Service*

Despite sections 4.3(2)(a), (b), and (c), but subject to section 4.3(4)...

(4) *Maximum Limit of Garbage Cans*

Despite sections 4.3(3)...

(5) *Requesting a Reduction in Garbage Can Service*

Subject to the minimum allocations set out in sections 4.3(2)(a), (b), and (c),

(a) an owner may request a reduction in the number of garbage can service purchased by the owner or allocated to an excess producer under section 4.3(3), and...

(6) Permitted Types of Garbage Cans

(a) Where the City provides garbage *can* collection service...

(b) Instead of the types of *garbage* cans described in section 4.3(6)(a)...

(7) *Garbage Cans - Weight and Content Limits*

(a) *Garbage* cans must not be filled...

Amend title of Part VII to read: "SOLID WASTE SERVICE"

Amend Section 4.2(4) and move to Part VII:

"Exclusions

Subject to sections 4.2(3) and 4.3(3)..."

Amend Section 4.7 and move to Part VII to read:

"Restricted Material

No garbage *can, cart or bag from which the City Engineer collects garbage* may contain more than 10% paper, cardboard or both by volume."

Amend Section 4.8 and move to Part VII to read:

"Requirement for Solid Waste Service

At least twice each month, each owner or occupier of non-residential property must dispose of all solid waste such..."

"(a) using, if available, the City's solid waste *collection and* disposal services;

(b) contracting with a private contractor who operates a solid waste *collection and* disposal service; or

(c) removing, or arranging for the removal of, such solid waste to a City-owned transfer station."

Amend the title and subsection (1) of Section 7.2 to read:

“Inspection/Replacement of *Garbage Carts/Cans/Blue Box Recycling Containers/Recycling Carts*

(1) All cans, *garbage carts...*”

Amend Section 7.3 to read:

“(1) Unless exempted by the City Engineer for reasons of physical disability, every owner or occupier must place all cans, *garbage carts...*”

“(2) Where the premises are not serviced by a lane or where the City Engineer is of the opinion that premises cannot be adequately serviced by a lane because of configuration or insufficient width, the cans, *garbage carts...*”

“(3) Where the premises are serviced by a lane, cans, *garbage carts...*”

“(4) All cans, *garbage carts...*”

“(5) *Garbage carts must be placed for solid waste collection in a location free of obstructions at least 1 metre horizontally on all sides of the cart and 3 metres vertically above the cart.*”

“(6) Where circumstances peculiar to any premises do not permit compliance with sections 7.3(1), 7.3(2) 7.3(3) and 7.3(5), the City Engineer may approve an alternate location for the placing of the cans, *garbage cart...*”

Amend title to Part VIII to read: “OTHER SOLID WASTE SERVICES AND CONDITIONS”

Amend Section 8.2 to read:

“In the night-shift area the City may, on each working day, collect solid waste between...”

Amend Section 8.3 to read:

“Any person who wishes to drop off solid waste acceptable to the City at the Vancouver Landfill on Benson Road in the Corporation of Delta or at Vancouver South Transfer Station at 377 West Kent Avenue North in the City of Vancouver must pay the rates set out in Schedule A.”

Move Section 9.4 “Materials Prohibited from Disposal” to Part VIII

Amend Part VIII to include:

“A person who disposes of anything described in Schedule E to this By-law at the Vancouver Landfill on Benson Road in the Corporation of Delta or at the Vancouver South Transfer Station at 377 West Kent Avenue North in the city must pay to the city on demand the city’s direct and indirect costs of clean-up and remediation resulting from such disposal.”

Move Section 4.3 "City Stickers - Special Conditions" to Part VIII and amend to read:

"The following terms and conditions apply to City stickers:

- (a) The City will not be obligated to supply service unless the City sticker is affixed to the *garbage bag containing solid waste set out for collection...*"

Amend Part VIII to include a section to read:

"Additional bags of garbage will be collected provided

- (a) *the garbage is set out in standard garbage bag that is 100 litres or less in volume; and*
- (b) *each additional garbage bag has a City sticker attached."*

Amend Section 10.1 (1) to read:

"(1) Payment Due as Allocated

The rates set out in Schedule B to this By-law for solid waste services are due and payable by the owner and occupier as allocated by Sections 4.2, 4.3, 5.2 and 6.2, whether or not..."

Amend Section 10.1 (2) to read:

"(2) Billing and Collections

- (a) The rates for solid waste service will be entered by the Director of Finance on the tax roll of the City for each year against each property. Where the number of parcels does not equal the number of cans of garbage or yard waste, *or the number or volume of garbage carts...*"

SCHEDULE A

Demolition Materials Disposal Rates

Section 6. Change rate from \$410 to *\$430*

Section 7. Change rate from \$495 to *\$520*

SCHEDULE B

Amend to include:

"Garbage Cart Collection Service

Residential Property

The following allocation applies to residential properties

<i>Number of Dwelling Units</i>	<i>Minimum Allocated Garbage Volume (per collection period)</i>	<i>Minimum Allocated Garbage Carts (per collection period)</i>
1 unit	50 litres	75 litre
2 units	100 litres	120 litre
3 units	150 litres	180 litre
4 units	200 litres	240 litre
5 units	250 litres	360 litre
6 units	300 litres	360 litre
7 units	350 litres	360 litre
8 units	400 litres	240 litre, 180 litre
9 units	450 litres	240 litre, 240 litre
10 units	500 litres	360 litre, 180 litre
11 units	550 litres	360 litre, 240 litre
12 units	600 litres	360 litre, 240 litre
13 units	650 litres	360 litre, 360 litre
14 units	700 litres	360 litre, 360 litre
15 units	750 litres	360 litre, 240 litre, 180 litre
16 units	800 litres	360 litre, 240 litre, 240 litre
17 units	850 litres	360 litre, 360 litre, 180 litre
18 units	900 litres	360 litre, 360 litre, 180 litre
19 units	950 litres	360 litre, 360 litre, 240 litre
20 units	1000 litres	360 litre, 360 litre, 360 litre
21 units	1050 litres	360 litre, 360 litre, 360 litre

Garbage Cart Rates

For those properties which receive garbage collection service under Part IV - Garbage Service, per calendar year, payable concurrently with each year's real property taxes

<i>Size of Garbage Cart</i>	<i>Rate</i>
75 litres	\$70
120 litres	\$82
180 litres	\$99
240 litres	\$115
360 litres	\$147

Part I Section B. Rates for Garbage Can Collection Service.

Replace with:

"Garbage Can Rates

For those properties which receive garbage collection service under Part IV - Garbage Service, per calendar year, payable concurrently with each year's real property taxes\$50.00

except for rowhouses which have one or more common collection points, at locations agreed to by the City Engineer, for each collection point where service is provided\$50.00

plus for each can allocated or purchased, per calendar year, payable concurrently with each year's real property taxes.....\$27.00"

Part I Section D. Purchase of Additional Cans

Replace with:

"Service Change

Each property owner will be allowed one change per calendar year in the level of service under sections 4.1, 4.2 and 4.3 at no charge. A fee of \$25.00 will be charged for each additional change in that calendar year."

Part II Section A. Basic Recycling Rates

Replace with:

"For each dwelling unit (cart located within 50 m pursuant to section 5.6(1) of this By-law\$20.00

except where one or more common collection points, at locations agreed to by the City Engineer are serviced the rate shall be, for each dwelling unit \$10.00

plus for each collection point where service is provided\$10.00"

Part III. Yard Waste Collection Service

Replace with:

"For properties which receive yard waste collection service under Part VI B Yard Waste Service, for each property\$40.00

except for rowhouses which have one or more common collection points at locations agreed to by the City Engineer, for each collection point where service is provided\$40.00"

SCHEDULE C

Amend to include in the list of Acceptable Materials:

"Aluminum Trays and Foil

SCHEDULE D

Amend the following items to read:

"1. *Pathogenic, radioactive, toxic and biomedical waste, including sharps.*"

"14. Any soil with contaminant levels exceeding *those defined for Urban Park Land by the Contaminated Sites Regulation of the Environmental Management Act.*"

"17. Any material or substance defined as *"Hazardous Waste"* under the *Environmental Management Act.*"

SCHEDULE E

Number the list of items and replace:

“Hazardous (including pathogenic and radioactive) wastes”

with,

“Pathogenic, radioactive, toxic and biomedical waste, including sharps.”

and,

“Special wastes as defined by the Special Waste Regulation of the Waste Management Act.”

with,

“Any material or substance defined as “Hazardous Waste” under the Environmental Management Act.”

and,

“Any contaminated soils as determined by the City Engineer”

with,

“Soil with contaminant levels exceeding those defined for Urban Park Land by the Contaminated Sites Regulation of the Environmental Management Act.”