



## REPORT

Report Date: November 17, 2020  
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Meeting Date: December 1, 2020  
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TO: Vancouver City Council  
FROM: General Manager of Engineering Services  
SUBJECT: 2021 Solid Waste Utility (SWU) Fees and By-Law Changes

### **RECOMMENDATION**

- A. THAT Council approve, in principle, the proposed amendments to the Solid Waste Utility By-law, generally as set out in this report and in Appendix A, including the establishment of the 2021 rates and fees.
- B. THAT Council instruct the Director of Legal Services to bring forward for enactment amendments to the Solid Waste by-laws to adjust rates and fees and make other miscellaneous related amendments generally in accordance with this report and Appendix B.

### **REPORT SUMMARY**

Each year, the Solid Waste Utility provides a report that describes the Utility's progress in meeting its strategic objectives and plans for the upcoming year and recommends revisions to utility rates, tipping fees and amendments to the Solid Waste By-Law.

Solid waste utility rates for 2021 cover the cost of garbage and green bin collection and include a contribution to general street cleaning services provided by the City. They also include the cost of transfer and disposal of Vancouver residential waste at the Vancouver Landfill and transfer and composting of material collected through the green bin program. The contribution to support general street cleaning programs covers portions of the cost of collection of litter, including nuisance items such as needles, leaves and abandoned and illegally dumped waste, in and around residential areas of the City.

Table 1 lists the proposed utility rates for 2021. Staff are proposing a combined rate increase of 1% for a representative single-family residence.

**Table 1 – 2021 Collection Fees for a Representative Single Family Home**

Utility Rates	2019	2020	% Increase	2021 Proposed	% Increase
180 L Garbage Cart	\$ 112	\$ 117	4%	\$ 119	2%
240 L Green Bin Cart	\$ 192	\$ 199	4%	\$ 200	1%
<b>Subtotal</b>	<b>\$ 304</b>	<b>\$ 316</b>	<b>4%</b>	<b>\$ 319</b>	<b>1%</b>
General Street Cleaning Services	\$ 21	\$ 22	5%	\$ 22	0%
<b>Total</b>	<b>\$ 325</b>	<b>\$ 338</b>	<b>4%</b>	<b>\$ 341</b>	<b>1%</b>

The increase in the 2021 rate is due to higher pay-as-you-go capital costs, particularly an investment in the City's end-of-life cart management system, offset by a draw from the collections surplus reserve.

### **COUNCIL AUTHORITY/PREVIOUS DECISIONS**

On October 17, 2012, Council approved implementation of a food scraps collection and composting program, including a switch to weekly collection of green bins (mixed yard trimmings and food scraps) and bi-weekly collection of garbage for single-family and duplex homes and the associated rate adjustments.

On November 19, 2013, Council approved entering into a contract with Multi-Material BC (MMBC) for city staff to continue providing recycling services to single and multi-family residences and receive the MMBC financial incentive for the services. The contract came into effect November 30, 2013, with service delivery and incentives starting in May of 2014.

On October 14, 2014, Council enacted by-law amendments requiring all holders of business licenses and owners and occupiers of residential and non-residential properties in Vancouver to have a food waste diversion plan and ensure that food waste is disposed of according to that plan. This change was enacted in order to comply with the Metro Vancouver ban on disposal of these materials at the landfill or incinerator, which came into effect on January 1, 2015.

On November 17, 2015, Council approved terminating the MMBC contract for single family curbside and multi-family collection, and turning over recycling collection to MMBC, as the agency responsible for recycling in the Province, no later than January 2, 2017. Council further directed staff to develop a plan to utilize the savings from the transition of recycling to support expansion of programs focussed on the overall cleanliness of the City.

On December 13, 2016, Council approved a general street cleaning service levy in order to remove leaves, litter, nuisance items such as needles, abandoned or illegally dumped waste and other discarded items in the streets and lanes in residential areas. The owner or occupier of a house, strata duplex, rowhouse, apartment or rental apartment must pay the applicable levy as set out in the by-law.

On April 23, 2019, Council approved an interim adjustment to the solid waste utility rate in order to cover increased costs of composting due to changes in regulatory requirements around facility operations and management.

Solid waste utility rates are set annually to recover the full cost of providing services. Rate increases require Council approval.

### ***CITY MANAGER'S/GENERAL MANAGER'S COMMENTS***

The City Manager recommends approval of the foregoing.

### ***REPORT***

#### ***Background/Context***

The solid waste utility is responsible for the management of the City's solid waste collection, transfer and disposal system including long-term planning and delivery services. City staff provide all single-family and duplex homes in Vancouver with weekly collection of compostable organics and every other week collection of garbage. Organic materials are delivered to the Vancouver South Transfer Station for transfer to the Green For Life composting facility in Delta for processing. Garbage is delivered to the Vancouver South Transfer Station for transfer to the Vancouver Landfill in Delta.

Multi-family and commercial establishments are served primarily by the private sector.

Prior to 2017, the City provided recycling collection services to both single family and multi-family residents. In October of 2016 the responsibility for residential recycling in the city was transferred to Recycle BC to provide collection services to single- and multi-family residences.

Multi-family and commercial facilities are also required to have programs in place for collection of organic materials and services are provided by the private sector.

The City owns and operates the Vancouver South Transfer Station on West Kent Avenue North, a Zero Waste Centre on Yukon Street, and the Vancouver Landfill and Zero Waste Centre located in Delta. These facilities are considered part of the regional solid waste system and they receive residential waste, commercial waste and recyclable materials from Vancouver and other communities in Metro Vancouver.

In addition to the utility fees which support the cost of managing residential waste generated in Vancouver, operation of the transfer station and the landfill are also supported by the tipping fees charged for non-Vancouver and commercial waste delivered to the sites. Tipping fees charged for disposal of garbage are set by Metro Vancouver.

#### ***Strategic Analysis***

Solid Waste operations are considered essential services and full waste collection and disposal operations have continued throughout the COVID-19 pandemic. Of interest in the beginning months of the pandemic there was a significant increase in the amount of residential waste and green bin material collected as more residents were self-isolating and remaining in their homes. Correspondingly, with the closure of businesses the commercial tonnages delivered to the Vancouver transfer station and the landfill dropped. As restrictions have eased we have seen a rebound in waste quantities and while tonnages have not returned to pre COVID-19 levels we expect to see a return to those levels over the course of 2021. The return to previous levels could be delayed should restrictions be reinstated through a second wave of infections so there is some uncertainty around projected future quantities.

For 2021, fees for drop-off for residential food waste and for yard and wood waste containing food waste at the transfer station or landfill will increase from \$80/tonne to \$100/tonne, to match current Metro Vancouver Rates. The fee increase also recognizes that material containing food waste must be delivered to a commercial facility, Green for Life (GFL) for composting. Fee increases with GFL to reflect the changes implemented at their facility to meet regulatory needs are currently under negotiation and further adjustments may be needed once the negotiations are finalised. On the other hand, the fees for clean yard and wood waste, which can be composted at the Vancouver Landfill will remain at \$80 for 2021.

Moving into 2021 staff have made a concerted effort to provide rate relief for customers through a combination of efforts towards operational efficiency and strategic use of the collections reserve to offset rate increases.

## Financial

### 2020 Budget Performance

Table 2 summarizes the operating budget and current forecast for Solid Waste Collection including the General Street Cleaning levy in 2020.

**Table 2 – 2020 Budget Performance – Solid Waste Collection and Street Cleaning**

Collections (\$ millions)	2020 Forecast	2020 Budget	\$ Variance	% Variance
<b>Revenues</b>				
Annual Flat Fees	\$ 36.6	\$ 36.6	\$ -	0.0%
<b>Total Revenues</b>	<b>\$ 36.6</b>	<b>\$ 36.6</b>	<b>\$ -</b>	<b>0.0%</b>
<b>Expenses</b>				
Garbage	\$ 9.2	\$ 9.4	\$ 0.2	2.4%
Garbage Disposal, at Cost	5.2	4.6	(0.5)	-11.5%
Compostables	16.9	16.3	(0.6)	-3.6%
General Street Cleaning Service	6.2	6.5	0.3	4.1%
<b>Total Expenses</b>	<b>\$ 37.5</b>	<b>\$ 36.9</b>	<b>\$ (0.6)</b>	<b>-1.7%</b>
<b>Operating Surplus / (Deficit)</b>	<b>(0.9)</b>	<b>(0.3)</b>	<b>(0.6)</b>	
<b>Transfer to / (from) Reserve</b>	<b>(0.9)</b>	<b>(0.3)</b>	<b>(0.6)</b>	
<b>Surplus/(Deficit)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>

\*Tables may not sum due to rounding. The purpose of this table is to explain budget performance. Additional revenue is reported as positive and additional expenditures as negative.

Table 3 summarizes the operating budget and current forecast for the Landfill and Transfer Station in 2020.

**Table 3 – 2020 Budget Performance – Landfill and Transfer Station**

Disposal (\$ millions)	2020 Forecast	2020 Budget	\$ Variance	% Variance
<b>Revenues</b>				
Tipping Fees	\$ 26.4	\$ 34.3	\$ (7.9)	-22.9%
Metro and Delta (Surplus Payments) / Cost Recoveries	11.5	5.5	6.0	108.4%
Other	1.9	1.4	0.5	39.5%
<b>Total Revenues</b>	<b>\$ 39.8</b>	<b>\$ 41.2</b>	<b>\$ (1.4)</b>	<b>-3.3%</b>
<b>Expenses</b>				
Transfer Station	\$ 10.1	\$ 10.1	\$ -	0.0%
Less Vancouver residents' prorata share	(3.1)	(2.6)	0.5	17.9%
Landfill	32.0	33.4	1.4	4.2%
Less Vancouver residents' prorata share	(2.1)	(2.0)	0.1	3.1%
<b>Total Expenses</b>	<b>36.9</b>	<b>38.8</b>	<b>2.0</b>	<b>5.0%</b>
<b>Operating Surplus / (Deficit)</b>	<b>2.9</b>	<b>2.3</b>	<b>0.6</b>	<b>24.7%</b>
<b>Transfer to / (from) Reserve</b>	<b>2.9</b>	<b>2.3</b>	<b>0.6</b>	<b>24.7%</b>
<b>Surplus/(Deficit)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>

*\*Tables may not sum due to rounding. The purpose of this table is to explain budget performance. Additional revenue is reported as positive and additional expenditures as negative.*

### 2020 Revenues

Tipping fee revenues are expected to be lower than budget due to lower than anticipated quantities of Metro and Vancouver commercial and construction/demolition waste. Metro and Delta cost recoveries are expected to be lower than budget due to lower tipping fees and lower than anticipated pay-as-you-go Landfill capital expenses (of which Metro and Delta are assessed a pro-rata share).

### 2020 Expenditures and Transfers

Collection expenses are forecasted to be higher than budget mainly due to the following factors:

1. Extra collection labour and equipment costs; and
2. A higher than budgeted assessment of Transfer Station and Landfill collection expenses to residential waste collection due to a shift in waste composition from commercial to residential.

These variances are forecasted to be partly offset by vacancy savings and wage savings related to the delay in negotiating new labour contracts with union staff. The excess of collection expenses over collection revenues (forecast to be \$0.9 million, or \$0.6 million more than budgeted) will be paid for using the Collection Stabilization Reserve.

Disposal expenses are forecasted to be lower than budget largely due to the following factors:

1. Less than anticipated pay-as-you-go Landfill capital expenses due to opportunities for savings or delay presented to COVID-19;

2. Lower than budgeted Landfill roads and cover expenses due to re-usage of rock and use of existing roads; and
3. Exempt furlough and vacancy savings as well as wage savings related to a delay in negotiating new labour contracts with union staff.

The excess of disposal revenue over disposal expenses (forecast to be \$2.9 million, or \$0.6M more than budgeted) will be transferred at year-end to the Solid Waste Capital Reserve, which is used to fund future closure and post-closure work.

## 2021 Proposed Budget and Rates

For a representative single-family residence, solid waste utility rates are proposed to increase by 1% or \$3. The Draft 2021 budget, with the 2020 budget for comparison, is summarized in Table 4 and Table 5.

**Table 4 – Draft 2021 Budget – Solid Waste Collection and Street Cleaning**

Collections (\$ millions)	2020 Forecast	2020 Budget	2021 Proposed	\$ Change from 2020 Budget	% Change
<b>Revenues</b>					
Annual Flat Fees	\$ 36.6	\$ 36.6	\$ 37.2	\$ 0.6	1.6%
<b>Total Revenues</b>	<b>\$ 36.6</b>	<b>\$ 36.6</b>	<b>\$ 37.2</b>	<b>\$ 0.6</b>	<b>1.6%</b>
<b>Expenses</b>					
Garbage	\$ 9.2	\$ 9.4	\$ 9.8	\$ 0.4	4.4%
Garbage Disposal, at Cost	5.2	4.6	5.6	0.9	20.2%
Green Bin	16.9	16.3	16.7	0.4	2.3%
General Street Cleaning Service	6.2	6.5	6.6	0.1	1.8%
<b>Total Expenses</b>	<b>\$ 37.5</b>	<b>\$ 36.9</b>	<b>38.7</b>	<b>1.8</b>	<b>5.0%</b>
<b>Operating Surplus / (Deficit)</b>	<b>(0.9)</b>	<b>(0.3)</b>	<b>(1.5)</b>	<b>(1.3)</b>	
Transfer to / (from) Reserve	(0.9)	(0.3)	(1.5)	(1.3)	
<b>Surplus/(Deficit)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>

*\*Tables may not sum due to rounding. The purpose of this table is to present year-over-year changes in the budget as presented in the 2021 Budget Book where both additional revenue and expenses are presented as positive changes.*

### 2021 Collection Revenues and Proposed Rates

A representative single-family household will see the following rate increases for 2021:

- \$2 increase for a 180 L garbage cart (from \$117 to \$119 per household);
- \$1 increase for a 240 L green bin cart (from \$199 to \$200 per household); and
- no change for a one-household general street cleaning levy (\$22 per household).

Utility rates for this representative single-family residence will increase by 1%. The remaining 0.6% increase in budgeted rate revenue (annual flat fees) is due to a small net increase in waste carts and household units.

### 2021 Collection and Street Cleaning Expenses and Transfers

The \$1.8 million increase in collection and street cleaning expenses reflects an increase in budgeted pay-as-you-go capital costs, particularly an investment in the City's end-of-life cart management system, as well as an increase in allocated garbage disposal costs. Approximately 34% of Transfer Station costs and 8% of Landfill costs are allocated to collection rates. These percentages reflect the proportion of overall Transfer Station and Landfill tonnes contributed by Vancouver residents and are expected to increase in 2021 due to the shift from commercial to residential tonnes because of the social distancing restrictions that are part of the COVID-19 pandemic response.

The effect of higher collection costs will be moderated by a \$1.5 million draw from the Collection Stabilization Reserve.

**Table 5 – Proposed 2021 Budget – Landfill and Transfer Station**

Disposal (\$ millions)	2020 Forecast	2020 Budget	2021 Proposed	\$ Change from 2020 Budget	% Change
<b>Revenues</b>					
Tipping Fees	\$ 26.4	\$ 34.3	\$ 27.9	\$ (6.4)	-18.6%
Metro and Delta (Surplus Payments) / Cost Recoveries	11.5	5.5	11.7	6.2	112.2%
Other	1.9	1.4	1.4	0.1	4.5%
<b>Total Revenues</b>	<b>\$ 39.8</b>	<b>\$ 41.2</b>	<b>\$ 41.0</b>	<b>\$ (0.1)</b>	<b>-0.3%</b>
<b>Expenses</b>					
Transfer Station	\$ 10.1	\$ 10.1	\$ 10.5	\$ 0.5	4.7%
Less Vancouver residents' prorata share	(3.1)	(2.6)	(3.4)	(0.7)	-27.1%
Landfill	32.0	33.4	33.1	(0.3)	-0.8%
Less Vancouver residents' prorata share	(2.1)	(2.0)	(2.2)	(0.2)	-11.1%
<b>Total Expenses</b>	<b>36.9</b>	<b>38.8</b>	<b>38.1</b>	<b>(0.7)</b>	<b>-1.9%</b>
<b>Operating Surplus / (Deficit)</b>	<b>2.9</b>	<b>2.3</b>	<b>3.0</b>	<b>0.6</b>	<b>25.8%</b>
Transfer to / (from) Reserve	2.9	2.3	3.0	0.6	25.8%
<b>Surplus/(Deficit)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>

\*Tables may not sum due to rounding. The purpose of this table is to present year-over-year changes in the budget as presented in the 2021 Budget Book where both additional revenue and expenses are presented as positive changes.

### 2021 Disposal Revenues

Tipping fee revenue is expected to decrease by \$6.4 million in 2021 because of declining quantities of Metro and Vancouver commercial and demolition waste. This decrease will be partly offset by tipping fee increases (\$4 per tonne for garbage and \$15 per tonne for yard waste). Metro and Delta cost recoveries will increase by approximately \$6.2 million as result of lower Metro and Delta tipping fee revenue partly offset by slightly lower allocated Transfer Station and Landfill costs.

### 2021 Disposal Expenses and Transfers

Gross disposal expenses will increase by approximately \$0.2 million, mostly due to pay-as-you-go-funded structural repairs to the Transfer Station. Vancouver residents' pro-rata share of these costs will increase due to the shift from commercial to residential tonnes.

At the end of each year, the excess of disposal revenues over disposal expenses is transferred to the Solid Waste Capital Reserve, a dedicated reserve to pay for Landfill closure and post-

closure costs. In 2021, this transfer is expected to be approximately \$3.0 million, a \$0.6 million increase from the \$2.3 million budgeted in 2020.

## Five Year Outlook

Table 6 summarizes the five-year outlook for the Solid Waste Utility.

**Table 6 – Solid Waste Utility Five-Year Outlook**

Solid Waste Utility	2021	2022	2023	2024	2025
City Rate Increase	1%	2%	2%	2%	2%
<b>Revenues</b>					
Collections	\$ 30.6	\$ 31.4	\$ 32.1	\$ 32.8	\$ 33.5
Street Cleaning	6.6	6.5	6.5	6.5	6.6
Disposal	41.0	45.5	48.7	45.0	45.4
<b>Total Revenues</b>	<b>\$ 78.2</b>	<b>\$ 83.4</b>	<b>\$ 87.3</b>	<b>\$ 84.4</b>	<b>\$ 85.5</b>
<b>Expenses</b>					
Collections	32.1	31.8	30.0	30.5	31.6
Street Cleaning	6.6	6.5	6.5	6.5	6.6
Transfer and Landfill	38.1	43.9	45.6	40.1	40.7
<b>Total Expenses</b>	<b>76.8</b>	<b>82.2</b>	<b>82.1</b>	<b>77.1</b>	<b>78.9</b>
<b>Operating Surplus/(Deficit)</b>	<b>1.4</b>	<b>1.2</b>	<b>5.2</b>	<b>7.3</b>	<b>6.6</b>
<b>Transfers</b>					
Transfer to/(from) Reserve (SWCR)	3.0	1.6	3.1	4.9	4.8
Transfer to/(from) Reserve (Collections)	(1.5)	(0.4)	2.1	2.3	1.9
<b>Total Transfers</b>	<b>1.4</b>	<b>1.2</b>	<b>5.2</b>	<b>7.3</b>	<b>6.6</b>
<b>Total Expenses &amp; Transfers</b>	<b>\$ 78.2</b>	<b>\$ 83.4</b>	<b>\$ 87.3</b>	<b>\$ 84.4</b>	<b>\$ 85.5</b>

*\*Tables may not sum due to rounding; in the budget book some tipping fee revenue is grouped as "Other disposal revenue" and "Other department recoveries."*

## Legal

The Solid Waste By-law requires amendments to address updated utility rates, as well as tipping fees to be charged at the City's transfer station and landfill in order to align with Metro Vancouver's Tipping Fee By-law. The impact of the change in fees is dependent on actual tonnage received.

Recommendation B in this report seeks approval for the Director of Legal Services to bring forward the By-law amendments necessary to address those changes in tipping fees. Proposed tipping fee changes are provided in Appendix A. These rates reflect those set by Metro Vancouver and generally accommodate the following:

- Addition of fee requirement for "construction and demolition processing residuals" at \$103/tonne;
- Increasing the tipping fees for solid waste from:
  - \$147/tonne to \$151/tonne for loads less than 1 tonne, and an increase in the minimum payment from \$125 to \$129,
  - \$125/tonne to \$129/tonne for loads between 1 and 9 tonnes, and an increase in the minimum payment from \$891 to \$927,
  - \$99/tonne to \$103/tonne for loads greater than 9 tonnes, and



- \$113/tonne to \$117/tonne for loads from local government;
- An increase in the fee for food waste, from \$80/tonne to \$100/tonne, and a separate fee created for yard and wood waste mixed with food waste, with a fee of \$100/tonne, to match current Metro Vancouver Rates. Yard and wood waste devoid of food waste, which can be composted at the Vancouver landfill will remain at \$80/tonne.
- Increasing the tipping fee for demolition hog materials from \$10/tonne to \$15/tonne; and
- Eliminating the fee for asphalt and concrete from \$3/tonne to no charge.

Additional non-fee related amendments to improve the ability for staff to respond to enforcement issues include the following:

- Addition of definition for “construction and demolition processing residuals”, and
- Adjustment of the definition of “food waste” to clarify it is for residential sources only.
- Addition of separate surcharge rates related to loads with high percentages of expanded polystyrene packaging or food waste

## **CONCLUSION**

Staff recommend approval of the change in rates and the non-fee related amendments as outlined in this report and the associated bylaw changes.

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Appendix A  
Solid Waste By-Law No. 8417  
2021 Rate Changes

Schedule A	Flat Rate Collection Fees	Proposed		
		2020	2021	% Increase
<u>Garbage (Bi-weekly Collection)</u>				
Cans:				
	Per stop	\$65	\$66	1.5%
	Per can	\$29	\$29	0.0%
Cart Size:				
	75 L	\$87	\$88	1.1%
	120 L	\$100	\$102	2.0%
	180 L	\$117	\$119	1.7%
	240 L	\$135	\$137	1.5%
	360 L	\$170	\$172	1.2%
<u>Garbage (Weekly Collection)</u>				
Cans:				
	Per stop	\$85	\$87	2.4%
	Per can	\$33	\$33	0.0%
Cart Size:				
	75 L	\$110	\$111	0.9%
	120 L	\$124	\$126	1.6%
	180 L	\$144	\$146	1.4%
	240 L	\$164	\$166	1.2%
	360 L	\$203	\$205	1.0%
<u>Green Bin</u>				
Cart Size:				
	120 L	\$147	\$148	0.7%
	180 L	\$173	\$174	0.6%
	240 L	\$199	\$200	0.5%
	360 L	\$250	\$252	0.8%
<u>Recycling</u>				
	Per cart	\$206	\$200	-2.9%
<u>General Street Cleaning Service</u>				
	Per dwelling unit	\$22	\$22	0.0%

**Appendix A**  
**Solid Waste By-Law No. 8417**  
**2021 Rate Changes**

<b>Schedule B</b>		<b>Disposal Fees</b>		
		<b>2020</b>	<b>Proposed 2021</b>	<b>% Increase</b>
<u>Waste Discharge</u>				
Municipal solid waste (MSW) loads < 1 tonne	per tonne	\$147	\$151	2.7%
MSW loads 1 - 9 tonnes	per tonne	\$125	\$129	3.2%
MSW loads > 9 tonnes	per tonne	\$99	\$103	4.0%
MSW - local governments	per tonne	\$113	\$117	3.5%
MSW transaction fee	per transaction	\$5	\$5	0.0%
Asbestos - residential	per tonne	\$200	\$200	0.0%
Asbestos - commercial	per tonne	\$250	\$250	0.0%
Nuisance waste	per tonne	\$250	\$250	0.0%
Demo	per tonne	\$90	\$90	0.0%
Demo residuals	per tonne	N/A	\$103	
Demo hog	per tonne	\$45	\$45	0.0%
Burial charge	per burial	\$280	\$280	0.0%
Delta farm waste (MSW, yard trimmings, wood waste)	per load, up to 3 tonnes 5 loads per year	\$19	\$19	0.0%
Crushed asphalt and concrete	per tonne	\$3	\$0	-100.0%
<u>Surcharge Rates</u>				
Banned product stewardship surcharge	per load	\$65	\$65	0.0%
Banned hazardous & operational impact material surcharge	per loads	\$65	\$65	0.0%
Banned recyclable materials surcharge	per tonne	MSW + 50%	MSW + 50%	0.0%
Unsecured load	per tonne	MSW + 50%	MSW + 50%	0.0%
<u>Waste Diversion</u>				
Yard trimmings	per tonne	\$80	\$80	0.0%
Wood waste	per tonne	\$80	\$80	0.0%
Food waste	per tonne	\$80	\$100	25.0%
Mixed yard and food waste	per tonne	N/A	\$100	
New Drywall	per tonne	\$150	\$150	0.0%
Used Residential Drywall	per tonne	\$200	\$200	0.0%
Drywall transaction fee	per transaction	\$5	\$5	0.0%
Mattresses	per piece	\$15	\$15	0.0%
<u>Goods for Sale</u>				
Compost	per m3	\$8	\$8	0.0%
	minimum fee	\$5	\$5	0.0%
Compost (Delta farmers)	per cubic metre	\$1	\$1	0.0%

\* MSW = municipal solid waste

**DRAFT By-law to amend  
Solid Waste By-law No. 8417  
regarding 2021 fee increases and miscellaneous amendments**

*Note: A By-law will be prepared generally in accordance with the provisions listed below, subject to change and refinement prior to posting.*

1. This By-law amends the indicated provisions of Solid Waste By-law No. 8417.
2. In section 2, Council adds a new definition in the correct alphabetical order as follows:

““construction and demolition processing residual waste” means the residual waste that remains after solid waste generated from construction and demolition activities has been processed and recyclable materials have been removed for recovery,”

3. In section 2, Council strikes out:

““food waste” means coffee grounds, coffee filters, tea bags, tea leaves, eggs, eggshells, dairy products, bread, baked goods, pasta, batter, dough, meat, poultry, fish, shellfish, bones, fat, shells, fruit, vegetables, grains, nuts, seeds, peelings, shells, oils, butter, sauces combined with foods, whether raw, cooked or processed, but excludes grease, diapers, animal carcasses and liquid oils not combined with food,”

and substitutes the following:

““food waste” means waste from residential sources that consists of food, including meat, fish, fat, dairy products, bread, baking products, fruits and vegetables, whether cooked or uncooked and packaged or unpackaged,”.

4. Council strikes out Schedules A and B and substitutes Schedules A and B attached to this By-law.

**SCHEDULE A**

**RATES FOR LANDFILL AND TRANSFER STATION**

**I. Drop-off Rates**

The following rates apply to solid waste, construction and demolition processing residual waste, yard waste, wood waste, food waste, and new gypsum (drywall) dropped off at the Vancouver Landfill (5400 72nd Street, City of Delta) and the Vancouver South Transfer Station (377 West Kent Avenue North, Vancouver).

<b>Type of Waste</b>	<b>Rate</b>	<b>Peak hours minimum charge (from 10:00 a.m. to 2:00 p.m. Monday to Friday, excluding Statutory Holidays)</b>	<b>Non peak hours minimum charge (other than from 10:00 a.m. to 2:00 p.m. Monday to Friday)</b>
Solid waste, other than municipal garbage	\$151/tonne for 0 to 0.99 tonnes to a maximum of \$129 per load \$129/tonne for 1.00 to 8.99 tonnes to a maximum of \$927 per load \$103/tonne for 9.00 or more tonnes	\$20	\$10
Municipal garbage	\$117/tonne	\$20	\$10
Construction and demolition processing residual waste	\$103/tonne	\$20	\$10
Yard waste and/or wood waste	\$80/tonne	\$10	\$10
Food waste	\$100/tonne	\$10	\$10
Yard and/or wood waste mixed with food waste	\$100/tonne	\$10	\$10

New gypsum (drywall), at the Transfer Station	\$5 for up to ½ a sheet (4'x4')	\$5	\$5
New gypsum (drywall), at the Landfill	\$150/tonne for up to 0.5 tonne	\$10	\$10

All charge rates based on weight are determined by rounding the weight of a load up to the nearest 0.01 tonnes.

All non-account charge rates are rounded to the nearest dollar.

Mattresses deposited for recycling ..... \$15 per piece

Where any portion of a load consists of recyclable materials which are deposited separately for recycling, and for which there is no drop off rate, for that portion ..... No Charge

A load that contains any combination of materials subject to different disposal rates and the customer chooses not to weigh-out after dropping off each material, the entire load will be subject to the highest rate payable for any part of the load.

The following rates apply to solid waste dropped off at the Vancouver Landfill (5400 72nd Street, City of Delta).

Residential used gypsum (drywall) .....\$200 per tonne  
(\$10 minimum)

Solid waste from Delta Farms that contains less than 5% by weight or by volume of materials listed in Schedule F, and does not contain any materials listed in Schedules E and G ..... \$19 per load for up to 3 tonnes, for up to 5 loads per year

Special handle waste (nuisance waste) requiring burial, as determined by the City Engineer.....\$250 per tonne  
(\$50 minimum)

Burial fee for non-recyclable residuals from regional wastewater treatment plants, in addition to the Burns Bog Rate as defined by the Burns Bog Landfill Agreement between Greater Vancouver Sewerage and Drainage District, City of Vancouver and The City of Delta .....\$280 per load

Demolition materials meeting the City Engineer's specifications for road and infrastructure construction arriving in loads that are greater than 50 cubic metres in volume .....\$90 per tonne

Demolition hog materials meeting the City Engineer's specifications for coarse demolition hog for surfacing tipping pads and temporary access roads .....\$45 per tonne

Demolition hog materials meeting the City Engineer's specifications for regular (fine) demolition hog for surfacing tipping pads and temporary access roads .....\$15 per tonne

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Asphalt and concrete meeting the City Engineer's specifications .....	No Charge
Residential asbestos waste .....	\$200 per tonne (\$10 minimum)
All other asbestos waste .....	\$250 per tonne (\$50 minimum)

**II. Surcharge Rates**

Where any solid waste load disposed of at the Vancouver Landfill or the Vancouver South Transfer Station contains:

- (a) more than 5% by weight or by volume of recyclable materials listed in Schedule F other than food waste and expanded polystyrene packaging, a 50% surcharge will be applied to the load;
- (b) more than 25% by weight or by volume of food waste, a 50% surcharge will be applied to the load; and
- (c) more than 20% by weight or by volume of expanded polystyrene packaging, a 100% surcharge will be applied to the load.

The surcharge rates above will be waived for loads of special handle waste received at the Vancouver Landfill.

Where any solid waste load disposed of at the Vancouver Landfill or the Vancouver South Transfer Station contains one or more materials listed in Schedules E and G, a \$65.00 surcharge will be applied to the load plus removal and remediation costs where applicable.

Where any load of solid waste, yard waste, clean wood waste, wood waste and/or recyclable materials is not secured as per the requirements of the *Motor Vehicle Act*, a 50% surcharge shall be applied to the load to a maximum surcharge value of \$50.

Where a single load is subject to multiple surcharges, the surcharge with the highest value will apply for the weight of the entire load.

**III. Compost Rates**

The following rates apply to the sale of compost produced from yard waste at the Vancouver Landfill Composting Facility at 5400 72<sup>nd</sup> Street in the City of Delta.

Compost rate.....	\$8 per cubic meter (\$5 minimum)
Compost rate, for Delta Farmers .....	\$1 per cubic meter

**IV. Transaction fee**

In addition to all other charges, a \$5 fee is imposed on all Solid Waste transactions, including mixed loads, nuisance waste loads, asbestos waste loads, and new and residential used gypsum (drywall).



**SCHEDULE B**

**RATES FOR COLLECTION SERVICES**

**I. Garbage Cart Collection Service**

**A. Residential Property**

The following allocation applies to residential properties:

Number of Dwelling Units	Minimum Allocated Garbage Volume (per collection period)	Minimum Allocated Garbage Carts (per collection period)
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
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

**B. Garbage Cart Rates**

For those properties which receive garbage cart collection service under Part IV – Garbage Service, per calendar year, the following rates are payable concurrently with each year’s real property taxes:

Garbage Cart Size	Biweekly Collection Rate	Weekly Collection Rate
75 litres	\$88	\$111
120 litres	\$102	\$126
180 litres	\$119	\$146
240 litres	\$137	\$166
360 litres	\$172	\$205

**II. Garbage Can Collection Service**

**A. Residential Property**

The following allocation applies to residential properties:

Number of Dwelling Units	Allocated Garbage (per collection period)
1 unit	2 garbage cans
2 units	2 garbage cans
3 units	3 garbage cans
4 units	3 garbage cans
5 units	4 garbage cans
6 units	4 garbage cans
7 units	5 garbage cans
8 units	5 garbage cans
9 units	6 garbage cans
10 units	6 garbage cans
11 units	7 garbage cans
12 units	7 garbage cans
13 units	8 garbage cans
14 units	8 garbage cans
15 units	9 garbage cans
16 units	9 garbage cans
17 or more units	10 garbage cans

**B. Garbage Can Rates**

For those properties which receive garbage can collection service under Part IV Garbage Service, per calendar year, the following rates are payable concurrently with each year's real property taxes:

biweekly collection .....	\$66.00
weekly collection .....	\$87.00

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 the following rates are payable:

biweekly collection .....	\$66.00
weekly collection .....	\$87.00

plus for each garbage can allocated or purchased, per calendar year, the following rates are payable concurrently with each years real property taxes:

biweekly collection .....	\$29.00
weekly collection .....	\$33.00

**III. Miscellaneous Service**

**A. City Sticker Service**

Each additional garbage bag with a city sticker affixed to the contents .....\$2.00

**B. Purchase of Additional Garbage Service**

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.

**IV. Recycling Collection Service**

**A. Basic Recycling Rates**

For those properties which receive recycling collection service under Part V - Recycling Service, except for seniors licensed care and group homes, per calendar year, the following rates are payable concurrently with each year's real property taxes.....\$200.00 per recycling cart

For seniors licensed care and group homes which receive recycling collection service under Part V - Recycling Service, per calendar year, the following rates are payable concurrently with each year's real property taxes .....\$67.00 per recycling cart

**B. Additional Storage Charges**

For those properties which store recycling carts or PPP carts on streets or lanes .....\$200.00 per cart

**V. Green Cart Collection Service**

**A. Green Cart Rates**

For properties which receive green cart collection service under **PART VI – GREEN CART SERVICE**, per calendar year, the following rates are payable concurrently with each year's property taxes

Size of green cart	Rate
120 litres	\$148
180 litres	\$174
240 litres	\$200
360 litres	\$252

**B. Purchase of Additional Green Cart Service**

Each property owner will be allowed one change per calendar year in the level of service under this By-law, without charge. A fee of \$25.00 will be charged for any additional change in that calendar year.

**VI. Street Cleaning Services Levy**

For each dwelling unit ..... \$22.00