



REPORT

Report Date: November 16, 2021
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Meeting Date: December 1, 2021
[Submit comments to Council](#)

TO: Vancouver City Council
FROM: General Manager of Engineering Services
SUBJECT: 2022 Solid Waste Utility 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 2022 rates and fees.
- B. THAT Council instruct the Director of Legal Services to bring forward for enactment amendments to the Solid Waste By-law to adjust rates and fees and make other miscellaneous related amendments generally in accordance with this report and Appendix B.

REPORT SUMMARY

Each year, Solid Waste Utility staff provide a report that describes the Utility's progress in meeting its strategic objectives, outlines its plans for the upcoming year, and recommends changes to collection fees and tipping fees as well as other amendments to the Solid Waste By-law.

Solid waste collection fees cover the cost of garbage and green bin collection and help to fund general street cleaning services. The cost of garbage collection includes the transfer and disposal of waste collected by City crews at the Vancouver Landfill; the cost of green bin collection includes the transfer and composting of green bin material collected by City crews to a third-party processor. Green bin collection also encompasses the annual City-wide leaf collection in the fall of each year. General street cleaning services include the collection of litter and abandoned waste.

Table 1 lists the proposed utility fees for 2022. Staff are proposing a combined fee increase of 4.5% for a representative single-family residence.

Table 1 – 2022 Collection Fees for a Representative Single-Family Residence

Utility Rates	2020	2021	% Increase	2022 Proposed	% Increase
180 L Garbage Cart	\$ 117	\$ 119	1.7%	\$ 134	12.6%
240 L Green Bin Cart	\$ 199	\$ 200	0.5%	\$ 200	0.0%
Subtotal	\$ 316	\$ 319	0.9%	\$ 334	4.7%
General Street Cleaning Services	\$ 22	\$ 22	0.0%	\$ 22	0.0%
Total	\$ 338	\$ 341	0.9%	\$ 356	4.5%

The increase for a representative single-family residence is due to higher collection equipment costs as well as an effort to increase the collections surplus reserve in light of uncertainty regarding the cost of third-party green bin processing services.

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 fee 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 focused 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 solid waste utility fees in order to cover increased costs of composting due to changes in regulatory requirements around facility operations and management.

CITY MANAGER'S COMMENTS

The City Manager recommends approval of the foregoing.

REPORT

Background

The Solid Waste Utility is responsible for the planning and management of the City's solid waste and green bin collection, Vancouver South Transfer Station (VSTS), and Vancouver Landfill (VLF). City staff provide weekly green bin and bi-weekly garbage collection to single-family and duplex homes in Vancouver. Green bin materials are delivered to the VSTS for transfer to a third-party composting facility. Garbage is delivered to the VSTS for transfer to the VLF.

The collection of garbage and green bin material from multi-family and commercial establishments is provided primarily by the private sector.

Prior to 2017, the City provided recycling collection services to both single family and multi-family residents. In October 2016, the responsibility for residential recycling in Vancouver was transferred to the not-for-profit organization Recycle BC.

The VSTS is located on West Kent Avenue North and includes a Zero Waste Centre on Yukon Street. The VLF and its associated Zero Waste Centre are located in Delta. Owned and operated by the City, these facilities are part of the regional solid waste system and receive residential waste, commercial waste and recyclable materials from Vancouver businesses and residents as well as other communities in Metro Vancouver.

The main funding source for the VSTS and the VLF is tipping fee revenue. Tipping fees are set in line with those established by Metro Vancouver for disposal of waste at its regional facilities.

Strategic Analysis

Solid Waste operations are considered essential services and full waste collection and disposal operations continued throughout the COVID-19 pandemic through 2021. As restrictions have eased, we have seen a rebound in waste quantities, and tonnages have started to return to pre-COVID-19 levels. We expect tonnages in 2022 to remain close to pre-pandemic levels.

For 2022, fees charged at the VLF and VSTS will be consistent with those charged by Metro Vancouver, with the exception of food, yard, and wood waste dropped off at City facilities. These fees will remain approximately \$10 per tonne below the corresponding Metro fees in order to encourage delivery of organic waste for composting to the VLF.

Moving into 2022 and recognizing the ongoing discussions with GFL regarding the change in law impacts to their fee structure, staff have made a concerted effort to balance the collection

fee increases through a combination of efforts towards operational efficiency and strategic use of the collections reserve to offset rate increases.

Implications

Financial

2021 Budget Performance

Table 2 summarizes the operating budget and current forecast for Solid Waste Collection including the General Street Cleaning levy in 2021.

Table 2 – 2021 Budget Performance – Solid Waste Collection and Street Cleaning

Collections (\$ millions)	2021 Forecast	2021 Budget	\$ Variance	% Variance
Revenues				
Annual Flat Fees	\$ 37.2	\$ 37.2	\$ 0.0	0.0%
Total Revenues	\$ 37.2	\$ 37.2	\$ 0.0	0.0%
Expenses				
Garbage	\$ 9.9	\$ 9.8	\$ (0.0)	-0.4%
Garbage Disposal, at Cost	4.7	5.6	0.9	16.3%
Compostables	18.1	16.7	(1.4)	-8.4%
General Street Cleaning Service	6.2	6.6	0.4	6.6%
Total Expenses	\$ 38.8	\$ 38.7	\$ (0.1)	-0.3%
Operating Surplus / (Deficit)	(1.6)	(1.5)	(0.1)	-6.4%
Transfer to / (from) Reserve	(1.6)	(1.5)	(0.1)	-6.4%
Surplus/(Deficit)	\$ -	\$ -	\$ -	0.0%

**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 2021.

Table 3 – 2021 Budget Performance – Landfill and Transfer Station

Disposal (\$ millions)	2021 Forecast	2021 Budget	\$ Variance	% Variance
Revenues				
Tipping Fees	\$ 34.6	\$ 27.9	\$ 6.6	23.7%
Metro and Delta (Surplus Payments) / Cost Recoveries	3.3	11.7	(8.4)	-71.8%
Other	1.4	1.4	0.0	1.3%
Total Revenues	\$ 39.3	\$ 41.0	\$ (1.7)	-4.2%
Expenses				
Transfer Station	\$ 10.4	\$ 10.5	\$ 0.1	0.8%
Less Vancouver residents' prorata share	(3.1)	(3.4)	(0.3)	-8.7%
Landfill	29.3	33.1	3.8	11.5%
Less Vancouver residents' prorata share	(1.6)	(2.2)	(0.6)	-27.8%
Total Expenses	35.1	38.1	3.0	7.9%
Operating Surplus / (Deficit)	4.2	3.0	1.3	42.8%
Transfer to / (from) Reserve	4.2	3.0	1.3	42.8%
Surplus/(Deficit)	\$ -	\$ -	\$ -	0.0%

*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.

2021 Revenues

Tipping fee revenues are expected to be higher than budget due to higher than anticipated quantities of Metro and Vancouver commercial waste. Metro and Delta cost recoveries are expected to be lower than anticipated due to lower pay-as-you-go Landfill capital expenses (of which Metro and Delta are assessed a pro-rata share). The decrease in pay-as-you-go expenses reflects updates to capital project expenditure timelines.

Collection fee revenues are expected to be on budget: rates were approved by Council in December 2020 and volumes (cart counts and households) are as expected.

2021 Expenditures and Transfers

Collection expenses are forecasted to be higher than budget due to higher than anticipated collection labour and equipment costs related to an aging fleet. This unfavourable variance will be mostly offset by lower than anticipated pay-as-you-go Sanitation capital expenses and lower than anticipated pay-as-you-go Landfill capital expenses (of which Vancouver residents are assessed a pro-rata share based on proportion of garbage disposed).

Disposal expenses are forecasted to be lower than budget due to lower than anticipated pay-as-you-go capital transfers as a result of delays in capital projects. As per the revised capital projects schedule, these expenditures would be included in future year Landfill and Transfer Station operating budget.

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 \$4.2 million, a \$1.3 million increase from the budgeted \$3.0 million (difference due to rounding).

2022 Proposed Budget and Fees

For a representative single-family residence, solid waste utility fees are proposed to increase by 4.5% or \$15. The draft 2022 budget, with the 2021 budget for comparison, is summarized in Table 4 and Table 5.

Table 4 – Proposed 2022 Budget – Solid Waste Collection and Street Cleaning

Collections (\$ millions)	2021 Forecast	2021 Budget	2022 Proposed	\$ Change from 2021 Budget	% Change
Revenues					
Annual Flat Fees	\$ 37.2	\$ 37.2	\$ 39.1	\$ 1.8	5.0%
Total Revenues	\$ 37.2	\$ 37.2	\$ 39.1	\$ 1.8	5.0%
Expenses					
Garbage	\$ 9.9	\$ 9.8	\$ 10.3	\$ 0.5	4.6%
Garbage Disposal, at Cost	4.7	5.6	5.1	(0.5)	-8.5%
Green Bin	18.1	16.7	17.1	0.3	2.1%
General Street Cleaning Service	6.2	6.6	6.6	0.0	0.2%
Total Expenses	\$ 38.8	\$ 38.7	\$ 39.1	0.3	0.9%
Operating Surplus / (Deficit)	(1.6)	(1.5)	(0.0)	1.5	98.8%
Transfer to / (from) Reserve	(1.6)	(1.5)	(0.0)	1.5	98.8%
Surplus/(Deficit)	\$ -	\$ -	\$ -	\$ -	0.0%

*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 2022 Budget Book where both additional revenue and expenses are presented as positive changes.

2022 Collection Revenues and Proposed Fees

A representative single-family household will see the following fee increases for 2022:

- a \$15 increase for a 180 L garbage cart (from \$119 to \$134 per household);
- no increase for a 240 L green bin cart (\$200 per household); and
- no change for a one-household general street cleaning levy (\$22 per household).

Collection fees are set on a cost-recovery basis; major cost changes for 2022 are discussed below. For the representative single-family residence, fees will increase by 4.5%.

2022 Collection and Street Cleaning Expenses and Transfers

The \$0.3 million increase in collection and street cleaning expenses reflects an increase in anticipated equipment costs, particularly maintenance and fuel costs, and to a lesser extent, collective agreement increases. This increase is partly offset by a decrease in allocated garbage disposal costs: approximately 34% of Transfer Station costs are expected to be allocated to collection fees in 2021, while approximately 32% of such costs are expected to be allocated to collection fees in 2022. These percentages reflect the proportion of overall Landfill tonnes forecast to be contributed by Vancouver residents; the 2022 percentage is expected to

be lower due to the shift from residential to commercial tonnes resulting from the easing of COVID-19 restrictions.

Table 5 – Proposed 2022 Budget – Landfill and Transfer Station

Disposal (\$ millions)	2021 Forecast	2021 Budget	2022 Proposed	\$ Change from 2021 Budget	% Change
Revenues					
Tipping Fees	\$ 34.6	\$ 27.9	\$ 27.9	\$ (0.1)	-0.3%
Metro and Delta (Surplus Payments) / Cost Recoveries	3.3	11.7	12.6	1.0	8.4%
Other	1.4	1.4	1.8	0.4	25.7%
Total Revenues	\$ 39.3	\$ 41.0	\$ 42.3	\$ 1.3	3.1%
Expenses					
Transfer Station	\$ 10.4	\$ 10.5	\$ 10.6	\$ 0.0	0.3%
Less Vancouver residents' prorata share	(3.1)	(3.4)	(3.2)	0.2	5.2%
Landfill	29.3	33.1	32.0	(1.1)	-3.3%
Less Vancouver residents' prorata share	(1.6)	(2.2)	(1.9)	0.3	13.5%
Total Expenses	35.1	38.1	37.5	(0.6)	-1.5%
Operating Surplus / (Deficit)	4.2	3.0	4.8	1.9	62.8%
Transfer to / (from) Reserve	4.2	3.0	4.8	1.9	62.8%
Surplus/(Deficit)	\$ -	\$ -	\$ -	\$ -	0.0%

*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 2022 Budget Book where both additional revenue and expenses are presented as positive changes.

2022 Disposal Revenues

Tipping fee revenue is expected to remain virtually unchanged in 2022; declining quantities of disposal waste volumes will be mostly offset by tipping fee increases (\$4 per tonne for garbage). Metro and Delta-source commercial waste is expected to decrease somewhat in 2022 based on recent trends. Under the City's revenue and cost sharing agreements, this results in a reduction in the amount of revenue to be remitted to Metro and Delta. The City nets the revenue remitted to Metro and Delta against their respective pro-rata shares of operating and capital costs. This, results in the City retaining a greater portion of the tipping fee revenue, which shows as an overall increase in the net cost recovery from Metro and Delta in 2022. Other revenue is expected to increase by \$0.4 million, mainly due to an increase in revenues from sales of scrap metal due to a favorable contract price.

2022 Disposal Expenses and Transfers

Gross disposal expenses will decrease by approximately \$1.1 million, mostly due to a reduction in Landfill pay-as-you-go capital costs (for technical and admin building upgrades, high-traffic area improvements, and hydrogeological site improvements). Vancouver residents' pro-rata share of these costs will decrease due to a shift from residential to commercial tonnes.

In 2022, the transfer to the Solid Waste Capital Reserve is expected to be approximately \$4.8 million, a \$1.9 million increase from the \$3.0 million budgeted in 2021.

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						
(\$ millions)	2022	2023	2024	2025	2026	
City Rate Increase	4.5%	3.5%	2.5%	2.0%	2.0%	
Revenues						
Collections	\$ 32.4	\$ 33.6	\$ 34.5	\$ 35.2	\$ 36.0	
Street Cleaning	6.6	6.7	6.8	6.8	6.9	
Disposal	42.3	42.2	44.4	44.0	45.0	
Total Revenues	\$ 81.4	\$ 82.5	\$ 85.7	\$ 86.1	\$ 87.8	
Expenses						
Collections	32.4	33.4	33.6	34.2	34.8	
Street Cleaning	6.6	6.7	6.8	6.8	6.9	
Transfer and Landfill	37.5	38.1	39.3	39.4	40.5	
Total Expenses	76.6	78.1	79.7	80.4	82.1	
Operating Surplus/(Deficit)	4.8	4.4	5.9	5.7	5.7	
Transfers						
Transfer to/(from) Reserve (SWCR)	4.8	4.1	5.1	4.7	4.5	
Transfer to/(from) Reserve (Collections)	(0.0)	0.3	0.9	1.0	1.2	
Total Transfers	4.8	4.4	5.9	5.7	5.7	
Total Expenses & Transfers	\$ 81.4	\$ 82.5	\$ 85.7	\$ 86.1	\$ 87.8	

*Tables may not sum due to rounding.

Table 6 assumes a gradual decrease in Solid Waste rates from 4.5% in 2022 to 2% in 2025 and 2026. Rate increases in excess of forecasted inflation are required over the next five years to maintain aging collection trucks and buildings and build up the City's collection stabilization reserve. Disposal revenues are also projected to increase over the next five years to cover the operating and capital expenditures to maintain the Vancouver Landfill and Transfer Station infrastructure to meet the desired service levels. The City plans to use both the Collection Stabilization and Solid Waste Capital reserve over the next few years to mitigate against future rate and user fee increases as a result of additional operating and capital expenditures to maintain city's infrastructure.

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 and generally accommodate the following:

- Increasing the tipping fees for solid waste from:
 - \$151/tonne to \$155/tonne for loads less than 1 tonne to a maximum of \$133 per load,
 - \$129/tonne to \$133/tonne for loads between 1 and 8 tonnes to a maximum of \$856 per load,
 - \$103/tonne to \$107/tonne for loads greater than 8 tonnes, and
 - \$117/tonne to \$121/tonne for loads from local government;
- Increasing the tipping fee for construction and demolition processing residual waste from \$103/tonne to \$130/tonne;
- Increasing the tipping fee for yard waste and/or wood waste from \$80/tonne to \$90/tonne;
- Increasing the tipping fee for solid waste from Delta Farms from \$19/tonne to \$20/tonne;
- Increasing the tipping fee for special handle waste (nuisance waste) requiring burial from \$250/tonne to \$255/tonne;
- Increasing the tipping fee for road and infrastructure construction demolition materials from \$90/tonne to \$110/tonne;
- Increasing the tipping fee for coarse demolition hog materials from \$45/tonne to \$50/tonne;
- Increasing the tipping fee for regular demolition hog materials from \$15/tonne to \$20/tonne;
- Increasing the tipping fee for asbestos waste from \$250/tonne to \$255/tonne; and
- Increasing the surcharge for loads listed in Schedule E and G from \$65 to \$66.

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

- Adjustment of solid waste tipping fee tonnage ranges to align with Metro Vancouver
- Adjustments of the “Asbestos Policy” and “Drywall Policy” definitions

CONCLUSION

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

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Appendix A
Solid Waste By-Law No. 8417
2022 Rate Changes

Schedule A	Flat Rate Collection Fees		
	2021	Proposed 2022	% Increase
<u>Garbage (Bi-weekly Collection)</u>			
Cans:			
Per stop	\$66	\$75	13.6%
Per can	\$29	\$33	13.8%
Cart Size:			
75 L	\$88	\$100	13.6%
120 L	\$102	\$115	12.7%
180 L	\$119	\$134	12.6%
240 L	\$137	\$154	12.4%
360 L	\$172	\$193	12.2%
<u>Garbage (Weekly Collection)</u>			
Cans:			
Per stop	\$87	\$99	13.8%
Per can	\$33	\$38	15.2%
Cart Size:			
75 L	\$111	\$127	14.4%
120 L	\$126	\$144	14.3%
180 L	\$146	\$167	14.4%
240 L	\$166	\$189	13.9%
360 L	\$205	\$235	14.6%
<u>Green Bin</u>			
Cart Size:			
120 L	\$148	\$149	0.7%
180 L	\$174	\$174	0.0%
240 L	\$200	\$200	0.0%
360 L	\$252	\$252	0.0%
<u>Recycling</u>			
Per cart	\$200	\$200	0.0%
<u>General Street Cleaning Service</u>			
Per dwelling unit	\$22	\$22	0.0%

Appendix A
Solid Waste By-Law No. 8417
2022 Rate Changes

Schedule B	Disposal Fees	Proposed		
		2021	2022	% Increase
<u>Waste Discharge</u>				
Municipal solid waste (MSW) loads < 1 tonne	per tonne	\$151	\$155	2.6%
MSW loads 1 - 9 tonnes	per tonne	\$129		
MSW loads 1 - 8 tonnes	per tonne		\$133	3.1%
MSW loads > 9 tonnes	per tonne	\$103		
MSW loads > 8 tonnes	per tonne		\$107	3.9%
MSW - local governments	per tonne	\$117	\$121	3.4%
MSW transaction fee	per transaction	\$5	\$5	0.0%
Asbestos - residential	per tonne	\$200	\$200	0.0%
Asbestos - commercial	per tonne	\$250	\$255	2.0%
Nuisance waste	per tonne	\$250	\$255	2.0%
Demo	per tonne	\$90	\$110	22.2%
Demo residuals	per tonne	\$103	\$130	26.2%
Demo hog - fine	per tonne	\$15	\$20	33.3%
Demo hog - coarse	per tonne	\$45	\$50	11.1%
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	\$20	5.3%
Crushed asphalt and concrete	per tonne	\$0	\$0	0.0%
<u>Surcharge Rates</u>				
Banned product stewardship surcharge	per load	\$65	\$66	1.5%
Banned hazardous & operational impact material surcharge	per loads	\$65	\$66	1.5%
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	\$90	12.5%
Wood waste	per tonne	\$80	\$90	12.5%
Food waste	per tonne	\$100	\$100	0.0%
Mixed yard and food waste	per tonne	\$100	\$100	0.0%
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

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).

Type of Waste	Rate	Peak hours minimum charge (from 10:00 a.m. to 2:00 p.m. Monday to Friday, excluding Statutory Holidays)	Non peak hours minimum charge (other than from 10:00 a.m. to 2:00 p.m. Monday to Friday)
Solid waste, other than municipal garbage	\$155/tonne for 0 to 0.99 tonnes to a maximum of \$133 per load \$133/tonne for 1.00 to 7.99 tonnes to a maximum of \$856 per load \$107/tonne for 8.00 or more tonnes	\$20	\$10
Municipal garbage	\$121/tonne	\$20	\$10
Construction and demolition processing residual waste	\$130/tonne	\$20	\$10
Yard waste and/or wood waste	\$90/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 \$20 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\$255 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 \$110 per tonne

Demolition hog materials meeting the City Engineer's specifications for coarse demolition hog for surfacing tipping pads and temporary access roads.....\$50 per tonne

Demolition hog materials meeting the City Engineer's specifications for regular (fine) demolition hog for surfacing tipping pads and temporary access roads.....\$20 per tonne

Asphalt and concrete meeting the City Engineer's specifications	No Charge
Residential asbestos waste.....	\$200 per tonne (\$10 minimum)
All other asbestos waste	\$255 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 \$66.00 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 72nd 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	\$100	\$127
120 litres	\$115	\$144
180 litres	\$134	\$167
240 litres	\$154	\$189
360 litres	\$193	\$235

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	\$75.00
weekly collection	\$99.00

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	\$75.00
weekly collection	\$99.00

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	\$33.00
weekly collection	\$38.00

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	\$149
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

EXPLANATION

**A By-law to amend Solid Waste By-law No. 8417
regarding 2022 fee increases and miscellaneous amendments**

The attached By-law will implement Council's resolution of December ____, 2021, to amend the Solid Waste By-law regarding 2022 fee increases and miscellaneous amendments.

Director of Legal Services
December 7, 2021