

DATE: August 10, 2018**FILE:** 3900-01/170**TO:** Chair and Directors
Comox Valley Regional District
(Comox-Strathcona Waste Management) BoardSupported by Russell Dyson
Chief Administrative Officer**FROM:** Russell Dyson
Chief Administrative Officer**R. Dyson****RE:** Comox Strathcona Waste Management Solid Waste Fees and Charges Bylaw No. 170, 2011, Amendment No. 11

Purpose

To amend Bylaw No. 170 being the “Solid Waste Fees and Charges Bylaw No. 170, 2011”, to incorporate changes to the tipping fee schedule and definition updates.

Recommendation from the Chief Administrative Officer:

THAT Bylaw No. 170, being the “Solid Waste Fees and Charges Bylaw No. 170, 2011”, be amended, as per appendix A, and attached to this staff report, dated August XXX, 2018.

Executive Summary

The recommended amendments to Bylaw No. 170 being the “Solid Waste Fees and Charges Bylaw No. 170, 2011” are as follows:

- Clarify acceptable items within “Yard Waste” to include chipped material;
- Enable sale of organic compost from the Comox Valley Waste Management Centre (CVWMC) at \$13 per cubic meter (when available);
- Create a mattress diversion program and associated fee structure for the new program;
- Changes to Bylaw No. 170 would see less than a one per cent increase in tipping fees.

To provide awareness and impacts to the public, a communications plan will be implemented to notify users on the changes taking effect January 1, 2019.

Prepared by:

Concurrence:

A. McGifford**K. La Rose**

Andrew McGifford CPA, CGA
Senior Manager CSWM Services

Kris La Rose, P.Eng.
Acting General Manager of
Engineering Services**Background/Current Situation**

The recommended amendment to the Bylaw No. 170 being the “Solid Waste Fees and Charges Bylaw No. 170, 2011” clarifies acceptable items within “Yard Waste” to include chipped material, as well as Board direction from February 2018 to enable sale of organic compost at CVWMC, and to create a mattress diversion program and associated fee structure for the new program. The changes would take effect on January 1, 2019.

Policy analysis

The regional solid waste service area covers the Comox Valley and Strathcona Regional Districts' geographical areas; and is operated by the Comox Valley Regional District under letters patent and branded as Comox Strathcona Waste Management (CSWM). The service was established under Bylaw No. 1822 in 1996 to establish and operate a local service for the collection, removal and disposal of waste and noxious, offensive or unwholesome substances, and the fees for this service are provided for under Bylaw No. 170 being "Solid Waste Fees and Charges Bylaw No. 170, 2011" so that annual costs may be recovered by the imposition of fees and other charges.

Table 1 below, summarizes the tipping fee changes and compares the proposed fees to the current fees.

Table 1 – Proposed tipping fee rate changes

Item	Current Charge	Minimum Charge	In-Area Charge / tonne	Out-of-Area Charge / tonne
Mattress (box spring included in charge, brought at same time)	Included as MSW	\$6/unit	\$6/unit	Not accepted
Material for sale - organic compost material (when available)	Currently not for sale/provided to select groups for no charge	\$13	\$13 cubic meter (\$10/yard)	Not applicable

Municipal solid waste (MSW) containing "prohibited waste"

The bylaw currently does not include mattresses as "prohibited waste". This change would provide a financial incentive for landfill users to divert mattresses. This would also provide an opportunity to save landfill space and extend the life of the landfill. With the classification of the mattresses being "prohibited waste", staff would be able to charge the MSW containing recyclables at a rate of \$300 per tonne (minimum charge of \$30 vs. \$10) should it contain a mattress.

Financial Factors

The changes to Bylaw No. 170 being the "Solid Waste Fees and Charges Bylaw No. 170, 2011" would see less than a one per cent increase in tipping fees. The estimates of the changes are as follows:

- 1) Sale of organic compost material at CVWMC – Each year the pilot project processes and creates approximately 1900 cubic meters of finished material. At this time, the organic material is provided for no charge to municipalities and community groups and utilizes approximately 65 per cent of the material each year. This leaves an opportunity to sell 35 per cent of remaining material, which would be approximately \$8,500 of potential revenue.
- 2) Mattress diversion fee – The pilot project found that there was approximately 3000 mattresses diverted over a 150 day period. Revenue is estimated to increase by \$30,000 to \$40,000 annually. The additional revenue should cover the costs for operating the excavator for this diversion work. The airspace savings is estimated at \$30,000 per year if the mattresses are compacted to the maximum expected rate of 66 per cent.

Legal Factors

Bylaw No. 170 being the "Solid Waste Fees and Charges Bylaw No. 170, 2011" regulates the municipal solid wastes acceptable for disposal at the CVWMC and the Campbell River Waste Management Centre. In order to examine progress towards regional targets, refining or changing the structure of Bylaw No. 170 is undertaken when opportunities are identified to divert materials.

Regional Growth Strategy Implications

The current waste composition study establishes the baseline towards achieving the objective identified in the Comox Valley Regional Growth Strategy:

- Objective 5-E: Reduce regional solid waste and improve landfill performance.

This objective is also identified in the Comox Valley Sustainability Strategy:

- By 2050: The Comox Valley will use a ‘zero waste’ approach and achieve a 90 per cent diversion of waste from landfills.

Interdepartmental involvement

Engineering Services has been working closely with Corporate Services, Communications, to ensure that accurate and timely communication regarding key information is directed at the public, member municipalities, and all account holders.

Intergovernmental Factors

The availability of the organic compost will need to be managed closely and ensure opportunity for the municipalities to secure the material is given priority to continue current practice of use.

Citizen/public relations

Hauler letters will be forwarded to all customers with accounts to ensure that businesses are aware of the changes to Bylaw No. 170. All information regarding the changes will be made available on the CSWM website.

Attachments: Appendix A – Bylaw No. 170 proposed amendments

BYLAW NO. 558	
Bylaw name:	Solid Waste Fees and Charges Bylaw No. 170, 2011, Amendment No. 11
Participants:	All (Comox Strathcona waste management service)
Purpose:	A bylaw to amend the Comox Strathcona waste management (CSWM) fees and charges bylaw to incorporate increases to the tipping fee schedule and to provide waste category definition updates
Amends bylaw:	170
Repeals bylaw:	N/A
Staff contact:	Marc Rutten, General Manager of Engineering Services

STATUS	
Board approval:	
1st and 2nd readings:	
3rd reading:	
Final adoption:	

COMOX VALLEY REGIONAL DISTRICT

BYLAW NO. 558

A bylaw to amend the Comox Strathcona waste management (CSWM) fees and charges bylaw to incorporate increases to the tipping fee schedule and to provide waste category definition updates.

WHEREAS the Comox Valley Regional District adopted Bylaw No. 170 being the “Solid Waste Fees and Charges Bylaw No. 170, 2011” on November 3, 2011;

AND WHEREAS the board desires to update the bylaw to incorporate increases to the tipping fee schedule and to provide waste category definition updates;

NOW THEREFORE the board of the Comox Valley Regional District in open meeting assembled enacts as follows:

Amendment

1. Bylaw No. 170 being “Solid Waste Fees and Charges Bylaw No. 170, 2011” is hereby amended by:
 - (a) Inserting a new definition in section 1 for “Organic compost material” as follows:

“**Organic compost material**” means material derives from the co-mingled yard and food waste pilot program, that has passed the testing requirements for Class A compost;”
 - (b) Replacing the definition in section 1 for “Yard Waste”, which reads:

“**Yard Waste**” means uncontaminated, non-invasive vegetation removed from gardens, lawns, shrubs and trees and includes material that is a maximum diameter of 30 cm;”

with the following new definition for “Yard Waste”:

“**Yard Waste**” means, uncontaminated, non-invasive vegetation removed from trees, shrubs, and gardens, that requires chipping and includes already chipped, clean wood waste and material that is a maximum diameter of 30 cm;”
 - (c) Deleting the following words in section 2 (Conditions of Use) subsection (3) “hours notice” and replacing with the following words “hours’ notice”;
 - (d) Inserting the following text in section 3 (Charges) subsection (1) immediately following the words “depositing solid waste”:

“or purchasing material/goods for sale”;
 - (e) Renumbering the definitions in section 1 accordingly.
 - (f) Replacing schedules ‘A-8’ and ‘B’ with the schedules ‘A’ and ‘B’ as attached to this bylaw.

Effective Date

2. This bylaw is effective on January 1, 2019.

Citation

This Bylaw No. 558 may be cited as “Solid Waste Fees and Charges Bylaw No. 170, 2011, Amendment No. 11”.

Read a first and second time this

day of

2018.

Adopted this _____ day of _____ 2018.

Corporate Legislative Officer

Corporate Legislative Officer

Schedule 'A' – Effective January 1, 2019**Scale of Charges for Waste Disposal at the Comox Valley and Campbell River Waste Management Centres**

All solid waste originating within the boundaries of the Comox Valley and Strathcona Regional Districts will be accepted at the Comox Valley and Campbell River waste management centres at the rates shown below. All prices are per metric tonne or in cubic metres and will be pro-rated for a portion thereof and subject to a minimum charge.

All items below are as measured by weight on the scale provided at the waste management centre by the regional district and where applicable, include the site access fee. Vehicles with loads that contain multiple categories of waste will only be charged the \$4 site access fee once.

The charges for depositing solid waste, controlled wastes and recyclable materials at the disposal facility as of January 1, 2019 are:

Item	Minimum Charge	In-Area Charge / tonne	Out-of-Area Charge / tonne
Site access fee / Scale use charge	\$4		
Municipal solid waste (MSW)	\$6 0-100 kg	\$130 / tonne	\$260 / tonne
Asbestos Containing Materials * Only accepted at the CRWMC	\$20 0-100 kg	\$250/tonne	\$500/tonne
Co-mingled food and yard waste	No Applicable	\$45 / tonne	Not accepted
Commercial recycling	\$6 0-100 kg	\$60 / tonne	Not accepted
Construction and demolition debris	\$6 0-100 kg	\$130 / tonne	\$260 / tonne
Controlled waste – advance approval and supporting analytical data required	\$15 0-100 kg	\$180 / tonne	\$350 / tonne
Clean fill – advance approval and supporting analytical data required for loads in excess of 1000 kilograms	\$6 0-400 kg	\$15 / tonne	\$45 / tonne
Divertible wood waste	\$6 0-100 kg	\$120 / tonne	\$225 / tonne
Divertible gypsum – advance approval and supporting analytical data required for pre-1990 gypsum	\$20 0-100 kg	\$225/tonne	\$350/tonne
Grass and leaves – no site access fee	No charge	No charge	No charge
Improperly covered or secured load	-	\$20 each	\$40 each
MSW containing recyclables	\$30	\$300 / tonne	\$600 / tonne

Mattresses	\$6 / unit	\$6 / unit	Not accepted
Metal – no site access fee	No charge	No charge	No charge
Refrigerant containing materials – no site access fee	\$15 / unit	\$15 / unit	\$45 /unit
Yard waste / Invasive Species	\$6 0-100 kg	\$65 / tonne	\$195 / tonne
Material for Sale – Organic compost material (when available)	\$13	\$13 cubic meter (\$10 / yard)	Not applicable

Special Notes

- 1) Loads containing prohibited waste will be charged at the rates above plus all costs associated with any special handling or removal of the prohibited waste.
- 2) Recycling facilities are provided for selected commodities, which may be accepted free of charge when placed in the containers provided. Loads of MSW containing recyclables or loads containing a higher volume of mixed materials, will be charged the higher rate, at the discretion of the attendant.

Schedule 'B'**"Prohibited Waste"**

The following gaseous liquids and municipal solid wastes are accepted for disposal at waste management centres but are prohibited from being placed in the landfill:

- Asbestos containing materials that does not accompany an approved Waste Disposal application;
- Biomedical waste;
- Corrugated cardboard;
- Clean fill;
- Divertible gypsum;
- Divertible wood waste;
- Drums;
- Garden/yard waste;
- Commercial and household hazardous waste;
- Household Recyclables;
- Ignitable wastes;
- Liquids;
- Mattresses
- Metal;
- Motor vehicle bodies and farm implements;
- Municipal solid waste that is on fire or smoldering;
- Radioactive waste;
- Reactive wastes;
- Special waste, as defined in the Hazardous Waste Regulation of the *Environmental Management Act*;
- Product Stewardship items:
 - Beverage Containers
 - Electronics
 - Lead-Acid Batteries
 - Packaging and Printed Paper
 - Paints Solvents, Pesticides & Gasoline (Household hazardous waste)
 - Pharmaceuticals
 - Tires
 - Used Oil & Antifreeze