



# BOARD REPORT

**TO:** Chair and Directors

<b>File No:</b> 5360 01 Bylaw 5759
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**SUBJECT:** CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw

**DESCRIPTION:** Report from Ben Van Nostrand, Team Leader, Environmental Health Services dated January 4, 2018. Solid Waste Disposal Tipping Fee Bylaw Update.

**RECOMMENDATION #1:** THAT: Bylaw No. 5759, cited as "CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5759" be read a first, second and third time this 18th day of January, 2018.

**RECOMMENDATION #2:** THAT: Bylaw No. 5759, cited as "CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5759" be adopted this 18th day of January, 2018.

## SHORT SUMMARY:

In 2017, unusual weather events within the CSR D generated large amounts of storm and flood debris. During the recovery and cleanup of these events, numerous requests were received for the tipping fees to be waived for residents dealing with the unexpected costs to dispose of storm related materials at local landfills. The majority of the material was classified as "yard and garden waste" by the CSR D and the disposal fees for this type of material is \$35 per metric tonne, outside of the free disposal periods held in the spring and fall each year.

In an effort to be more responsive to these types of requests, as well as to support other initiatives such as Fire Smart principles, staff has reviewed the financial and operational requirements necessary to accommodate waiving the tipping fees for "yard and garden waste" on a permanent basis.

In addition, the CSR D has been offered financial incentives by a new major appliance stewardship group established in British Columbia. These incentives, in combination with commodity values of scrap metal will allow the CSR D to permanently waive the disposal fee for scrap metal waste and Ozone Depleting Substance (ODS) removal.

A number of minor housekeeping changes are also proposed for the Board to consider in the bylaw update. If approved, the new fees will be effective February 1, 2018.

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**VOTING:** Unweighted  LGA Part 14  Weighted  Stakeholder   
Corporate (Unweighted) Corporate (*Weighted*)

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## BACKGROUND:

From time to time, CSR D staff receive requests to waive tipping fees for a variety of reasons. The majority of these type of requests are the result of extreme weather events such as a wind storms or flooding. In the recovery efforts, area directors often consider utilizing grant in aid funds to cover the tipping fees. Board approval is required to authorize grant in aid funds and in many cases, it can take over 30 days post incident to receive approval to waive tipping fees, as the Board meets only on a monthly basis.

Staff has conducted a review of the yard and garden waste, the metal waste and the ODS management programs under the existing "free days" structure. The following table identifies the average quantities of materials received at all CSRD landfills and the associated revenue and costs:

Material	Quantity Received	Tipping Fees Received	Revenue Received (marketable)	Costs to Manage
<b>Yard and Garden Waste</b>	4,500 Tonnes	\$60,000		\$60,000
<b>Metal Waste</b>	1,000 Tonnes	\$30,000	\$50,000	\$0
<b>Ozone Depleting Substances (ODS)</b>	700 Units	\$10,000		\$12,000
<b>TOTALS</b>		<b>\$100,000</b>	<b>\$50,000</b>	<b>\$72,000</b>

Historically, the programs associated with these materials were managed under the Solid Waste Budget (219) as user fees. These waste reduction programs have now been reallocated into the Waste Reduction Budget (218) as taxation.

The results of the review identify that the elimination of tipping fees associated with the yard and garden, ODS and metal waste materials would result in a reduction in revenue of approximately \$100,000 annually. However, the costs to manage these waste streams will be significantly offset by revenues received from metal markets and new incentives that will be provided to the CSRD for metal appliances and ODS removal.

Staff has reviewed the overall tipping fee structure now that the new fees have been in place for six months since the previous bylaw amendment. A number of housekeeping and tipping fee changes are proposed in the bylaw update including:

- **Remove the metal disposal fee of \$35 per tonne.**  
The costs associated with managing metal waste has been zero, due to metal commodity funds received and a new incentive program being provided by the Major Appliance Recycling Roundtable (MARR) stewardship group.
- **Remove the ODS disposal fee of \$15 per unit.**  
The CSRD will receive funds from MARR stewardship group to cover costs associated with ODS removal.
- **Increase the wood waste disposal fee to \$40 per tonne from \$35 per tonne.**  
A review of the wood waste recycling program was conducted as a part of this exercise and a \$5 per tonne increase is necessary to cover operational costs.
- **Reduce the concrete disposal fee to \$80 per tonne from \$100 per tonne.**  
This cost better reflects the processing costs of the material.
- **Reduce the compost sale fee to \$15 per cubic metre from \$30 per cubic metre.**  
The cost to produce compost is much higher than the consumer is willing to pay. Review of the CSRD program and other jurisdictions have indicated \$15 per cubic metre is a level acceptable by the consumer.

- **Increase the Specified Risk Material (SRM) disposal fee to \$240 per tonne from \$80 per tonne.**  
The change in cost reflects the cost to appropriately dispose of this material through deep burial techniques at the approved landfill site.
- **Update the Controlled Waste Schedule.**  
The categories have been updated to reflect current practices.
- **Define invasive plants and create a disposal category**  
The definition has been included and identified with a \$0 cost disposal fee.

**POLICY:**

Tipping fees are set by bylaw and any changes require Board approval. The proposed changes are consistent with policies within the Solid Waste Management Plan.

**FINANCIAL:**

The proposed changes to the tipping fees are financially prudent and will not result in a significant increase to taxation, but will provide significant savings to users of CSRD refuse disposal facilities.

**KEY ISSUES/CONCEPTS:**

To update the tipping fee bylaw to be more responsive to actual costs of managing waste products at the landfill sites, and to provide responsiveness associated with the disposal of yard, garden, ODS and metal waste.

The costs associated with these changes are significantly offset through the financial support the CSRD will receive for metal and ODS recycling.

**IMPLEMENTATION:**

Bylaw No. 5759 will be effective February 1, 2018. Once adopted, staff will begin to update users through a variety of methods including social media, advertisements, posting at CSRD refuse disposal facilities, updating signage and by providing education and training to CSRD site attendants.

**DESIRED OUTCOMES:**

The Board approve the new Bylaw No. 5759, a bylaw to fix and regulate the use, rates, terms and conditions for refuse disposal facilities within the Columbia Shuswap Regional District.

**BOARD'S OPTIONS:**

1. *Endorse the Recommendation.*
2. *Deny the Recommendation.*
3. *Defer.*
4. *Any other action deemed appropriate by the Board.*

**LIST NAME OF REPORT(S) / DOCUMENT(S) AVAILABLE FROM STAFF:**