



BOARD REPORT

TO: Chair and Directors

File No: 5360 01 Bylaw 5802

SUBJECT: CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw

DESCRIPTION: Report from Ben Van Nostrand, Team Leader, Environmental Health Services dated May 23, 2019. Solid Waste Disposal Tipping Fee Bylaw Update.

RECOMMENDATION #1: THAT: Bylaw No. 5802, 2019, cited as "CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5802, 2019" be read a first, second and third time this 20th day of June, 2019.

RECOMMENDATION #2: THAT: Bylaw No. 5802, 2019, cited as "CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5802, 2019" be adopted this 20th day of June, 2019.

RECOMMENDATION #3: THAT: the tipping fee of \$240 per tonne for 'Mixed Loads" be relaxed to \$160 per tonne until January 1, 2020 to deliver an awareness campaign to residents and businesses of the CSR D.

SHORT SUMMARY:

On July 1, 2019 the City of Salmon Arm (City) will be implementing changes to their curbside collection program, including the introduction of food waste collection. In support of the City's initiative and consistent with the CSR D's Solid Waste Management Plan (SWMP), the CSR D will receive and manage the City's food waste to ensure it's managed according to Ministry of Environment requirements. The costs associated with the CSR D's management of the City's food waste program will be funded through tipping fees collected from the City.

As a result, a tipping fee amendment is needed to establish a cost recovery fee for Food Waste. If approved, the new food waste tipping fees will be effective July 1, 2019.

In addition, staff are proposing changes to the mixed load and demolition waste categories of the bylaw. When waste is mixed with recyclables it typically renders the load as garbage. A mixed load category currently exists with an associated \$160 per tonne charge. Demolition waste is currently defined as 'mixed loads of waste material produced through...tear down of structures". Demolition waste currently has a tipping fee of \$160 per tonne unless mixed with recyclables (shingles, woodwaste, etc.), which in that case are charged a tipping fee of \$240 per tonne. Staff recommend that the demolition waste definition and fee be removed and mixed load rate of \$160 be increased to \$240 to apply consistency in the application of the mixed waste category and further incentivize recyclable waste separation. In order for the CSR D to develop an awareness campaign, it is suggested that the \$240 tipping fee for mixed loads be relaxed to \$160 until January 1, 2020.

VOTING:	Unweighted Corporate <input type="checkbox"/>	LGA Part 14 (Unweighted) <input type="checkbox"/>	Weighted Corporate <input checked="" type="checkbox"/>	Stakeholder (Weighted) <input type="checkbox"/>
----------------	---	---	--	---

BACKGROUND:

The CSRD's 2015 SWMP contains an Organics Implementation section (6.3) which specifically references the development and implementation of curbside collection programs for organics. Based on this information, in 2016, the CSRD and the City of Salmon Arm partnered in a trial curbside collection program to gather information which would help advance a city wide program. The information gathered from the trial was used by the City with their waste collection procurement process in 2018. The City has recently established an agreement with SCV Waste Solutions for the city wide curbside collection of food waste, recycling and garbage, with a start date of July 1, 2019.

In an effort to support the implementation of the food waste curbside collection program, the CSRD has established a reload facility at the Salmon Arm landfill. In addition, the CSRD is in the process of awarding a contract to Spa Hills Composting to haul and process the food waste as per the direction of the Board from the regularly schedule in-camera section of the April Board meeting on April 18, 2019:

"the Board empower the authorized signatories to enter into a three year agreement with an optional two year extension with Spa Hills Farms Inc. effective July 1, 2019, in order for Spa Hills Farms Inc. to transport and compost food waste collected by the City of Salmon Arm's curbside collection program from the Salmon Arm Landfill to Spa Hills Farms Inc. located at 2223 Yankee Flats Road in Silver Creek, at a rate of \$110 per tonne plus applicable taxes, subject to the City of Salmon Arm amending its agreement with its waste collection contractor to deliver residentially sourced food waste (collected from the City's curbside food waste collection program) to the Salmon Arm Landfill."

In order to fund the CSRD's responsibilities under this food waste program, a tipping fee of \$120/tonne is necessary for food waste delivered to the Salmon Arm landfill. This fee will fund all contract, operational, and administration costs associated with delivery of food waste to Spa Hills Compost. As a result, the Tipping Fee Bylaw requires an amendment to facilitate the charging of applicable fees. The City has been notified and supports the proposed tipping fee.

In addition to the setting of a tipping fee for food waste, staff have reviewed the tipping fee bylaw and is proposing a number of additional housekeeping definitions as well as a tipping fee change. The following provides an overview of the additions and changes to the Tipping Fee Bylaw update:

- **Include a definition for Food Waste.**

"Food Waste" means compostable material that has been discarded from either a commercial or residential source.

- **Included a definition for Compostable Material.**

"Compostable Material" means the biological composition of organic materials that when processed under controlled circumstances will create Compost.

- **Include a disposal fee of \$120 per tonne for Food Waste.**

This cost is to cover the processing and administration costs associated with composting Food Waste at Spa Hills Compost.

- **Update the definition of a Mixed Load.**

"Mixed Load" means a Load combining one or more Marketable Wastes with Unmarketable Wastes rendering the entire Load unmarketable by virtue of mixing of Wastes or the reluctance to separate Marketable Wastes from Unmarketable Wastes by a site user, but does not include Controlled Waste or Prohibited Waste. A Mixed Load is deemed to be Unmarketable if it contains 10% or more by volume of Marketable Waste.

- **Increase the Mixed Load rate and remove the Demolition Waste disposal fee.**

In an effort to make fees more transparent and straight forward for both the public, contractors and Scalehouse contractors, the Bylaw will remove the definition and tipping fee associated with Demolition Waste and rely on the definition of Mixed Load. The Mixed Load rate will be assessed at \$240 to encourage the separation of marketable materials from incoming loads. The current rate of \$160 is not a strong financial deterrent to separation of recyclables as a majority of users are choosing to mix recyclables in with waste and pay the higher fee. The Mixed Load rate will remain at \$160 until January 1, 2020 to allow staff to educate users of the facilities of the rate increase.

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 address the need for a rate to cover the City of Salmon Arm's introduction of a curbside food waste collection program. In addition, the Mixed Load rate is set at three times the refuse rate to encourage the separation of marketable materials for proper reuse or recycling. Staff will monitor for increased diversion and re-evaluate the need for future fee modifications based on load audits and waste diversion efforts.

KEY ISSUES/CONCEPTS:

To update the tipping fee bylaw to facilitate the City of Salmon Arm's curbside collection of food waste beginning July 1, 2019, amend the Mixed Load Rate, remove the Demolition Waste Disposal Fee, and other housekeeping changes.

IMPLEMENTATION:

Bylaw No. 5802, 2019 will be effective July 1, 2019. 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. 5802, 2019, 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(s).*
2. *Deny the Recommendation(s).*
3. *Defer.*
4. *Any other action deemed appropriate by the Board.*

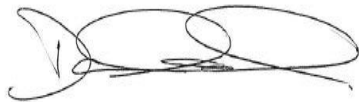
LIST NAME OF REPORT(S) / DOCUMENT(S) AVAILABLE FROM STAFF:

N/A

Report Approval Details

Document Title:	2019_06_20_om_2019_Tipping Fee changes.docx
Attachments:	- Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5802,2019 - with changes identified.docx - Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5802,2019 v2.docx
Final Approval Date:	Jun 11, 2019

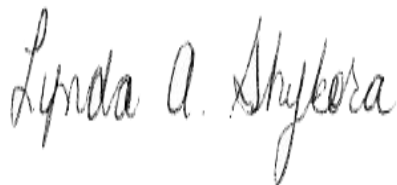
This report and all of its attachments were approved and signed as outlined below:



Darcy Mooney - Jun 6, 2019 - 4:00 PM

No Signature - Task assigned to Jodi Pierce was completed by assistant Sheena Haines

Jodi Pierce - Jun 6, 2019 - 4:30 PM



Lynda Shykora - Jun 11, 2019 - 1:04 PM

No Signature - Task assigned to Charles Hamilton was completed by assistant Lynda Shykora

Charles Hamilton - Jun 11, 2019 - 1:10 PM