



BOARD REPORT

TO: Chair and Directors

File No: 5360 01 Bylaw 5737

SUBJECT: CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5737

DESCRIPTION: Report from Ben Van Nostrand, Team Leader, Environmental Health Services dated May 8, 2017. Solid Waste Disposal Tipping Fee Bylaw Update

RECOMMENDATION #1: THAT: Bylaw No. 5737, cited as "CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5737" be read a first, second and third time this 18th day of May, 2017.

RECOMMENDATION #2: THAT: Bylaw No. 5737, cited as "CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5737" be adopted this 18th day of May, 2017.

SHORT SUMMARY:

In 2014, the CSR D conducted a review of its Solid Waste Management Plan, which recommended a review of the tipping fees and overall financial health of the Solid Waste and Recycling programs. A consulting firm was engaged in 2016 to review the tipping fees and a report was developed which recommended a number of funding scenarios, to ensure the long term financial stability of CSR D landfill waste and recycling programs.

At the November 2016 Board meeting, the Board endorsed the consulting firm and staff's recommended new tipping fee structure and plan to amend the existing bylaw "CSR D Refuse Disposal Facilities Tipping Fee and Regulation Bylaw No. 5542", to reflect the changes. The purpose of this report is to bring forward updated CSR D Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5737.

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

Overview of November 2016 Board Meeting:

The updated 2014 Solid Waste Management Plan (SWMP) identified a need to review tipping fees with the overall financial model for the solid waste and recycling functions. This was carried out in a collaborative process with CSR D staff and XCG Consultants in the summer of 2016, which produced the following conclusions and recommendations:

- The existing economic model (primarily tipping fee) for the Solid Waste (219) function is not financially sustainable over the long term (model concludes once all current available landfill airspace is exhausted in the CSR D). Although current revenues are sufficient to cover the day to day operational and capital expenditures of the program, a significant short fall occurs when considering the implications of landfill closure and post-closure expenditures. The short fall is estimated to be over \$18.2 million dollars.

- The short fall for the Solid Waste (219) budget (primarily tipping/user fees) is associated with the underfunded liability costs of landfill closure and post closure monitoring at the CSRD's four existing landfills.
- The existing economic model (primarily taxation) for the Waste Reduction (218) budget is financially sustainable in the long-term. In an effort to encourage recycling habits, tipping fees are recommended to be lowered on several recyclable items, as new programs are introduced, a capital reserve fund should be established in order to maintain tax requisition amounts within inflationary indexes.
- A tipping fee increase of between \$10 and \$15 per tonne is required to fully fund the Solid Waste (219) system through to post-closure.
- In order to ensure financial stability of the Solid Waste (219) budget, three key elements are required:
 - (1) Increase tipping fees;
 - (2) Implement a district wide organic (food waste) diversion program; and
 - (3) Enforce the mixed waste load tipping fee rates, through increased monitoring of incoming loads.

The XCG report described several options to increase revenue including an annual rate increase, a one-time rate increase and incremental increases every three years. Staff worked within the recommendations of the report and developed an approach that is feasible for the operations, and ensures the approach is fair and equitable to both the rural electoral areas and the member municipalities. Furthermore, staff have compared the proposed increases with neighbouring local governments and are confident that new rates are more reflective of current standards.

Actions Since November 2016 Board Meeting:

Subsequent to the November 2016 Board meeting staff developed an informational memo which was shared with account holders and posted at CSRD refuse disposal facilities. Feedback on the tipping fee changes indicated a discontent to the introduction of a \$5 minimum site fee. Individuals with one bag of garbage would see an increase from \$2 to a \$5 minimum charge.

Staff have taken feedback received into consideration when finalizing the new tipping fee bylaw recommendations.

A number of other revisions have been incorporated into the new Tipping Fee and Charges Schedule and the following table highlights key changes:

Scaled Facilities:

<u>Material</u>	<u>Old Fee</u>	<u>New Fee</u>	<u>Unit Rate</u>	<u>Minimum Charge</u>
Bagged Refuse	\$2	\$3	Each	NIL
Bagged Refuse for Reuse Centre	\$2	\$3	Each	NIL

Refuse	\$70	\$80	Tonne	\$5
Refuse for Reuse Centre	\$70	\$80	Tonne	\$5
Bulky Waste	\$140	\$160	Tonne	\$10
Mixed Load	\$140	\$160	Tonne	\$10
Demolition Waste (containing Drywall or Asphalt Shingles)	\$280	\$240	Tonne	\$10
Gypsum Board or Drywall	\$140	\$100	Tonne	\$5
Asphalt Shingles	\$140	\$100	Tonne	\$5
Concrete (includes asphalt, bricks, porcelain)	\$35	\$100	Tonne	\$5
Land Clearing Waste	\$35	\$160	Tonne	\$10
Asbestos Waste	NA	\$160	Tonne	\$10
Deep Burial Waste	\$210	\$240	Tonne	\$240
Biosolids (Tipping Fee Effective January 1, 2018)	\$0	\$10	Tonne	\$5
Specified Risk Material (Salmon Arm Landfill Only)	\$70	\$80	Tonne	\$240
Commercial Recyclable Material	\$85	\$80	Tonne	\$10

Unscaled Facilities:

<u>Material</u>	<u>Old Fee</u>	<u>New Fee</u>	<u>Unit Rate</u>	<u>Minimum Charge</u>
Bagged Refuse	\$2	\$3	Each	NIL
Bagged Refuse for Reuse Centre	\$2	\$3	Each	NIL
Refuse	\$10	\$12	m ³	\$5
Refuse for Reuse Centre	\$10	\$12	m ³	\$5
Mixed Load	\$20	\$25	m ³	\$15
Demolition Waste (containing Drywall or Asphalt Shingles)	\$20	\$30	m ³	\$15
Gypsum Board or Drywall	\$20	\$15	m ³	\$5
Asphalt Shingles	\$20	\$15	m ³	\$5
Concrete (includes asphalt, bricks, porcelain)	\$10	\$20	m ³	\$5

In addition to the changes to the fee structure, the new Bylaw No. 5737 includes the following:

- a number of new definitions;
- a table of fees which replaces the existing paragraph format;
- a revision of surcharges;
- a revision of product sale rates;
- an update of the controlled waste categories; and
- an update of the prohibited waste categories.

The new Bylaw No. 5737 will help to ensure that CSRD staff and contracted site attendants have the necessary tools to help ensure incentives exist for recycling and the appropriate fees are being levied that will fund both operational budgets as well as long term closure and post closure budgets.

POLICY:

Fees are set by the Board through bylaw and any changes require an amendment to the bylaw. Proposed amendments are consistent with policies set out in the SWMP. An amendment to the bylaw will be brought forward to the Board in the spring of 2017 with the necessary changes.

FINANCIAL:

These changes are the result of a collaboration with CSRD staff, consultants, Board Directors and site users. The results of the proposed changes to the tipping fees will result in a more economically sustainable model for funding operations, closure and post-closure costs associated with the Solid Waste and Waste Reduction Programs (219/218).

KEY ISSUES/CONCEPTS:

The existing Refuse Disposal Facilities Tipping Fee and Regulation Bylaw No. 5542 was adopted in 2009 and provided the foundation for funding the CSRD's solid waste management programs. Since 2009 the Bylaw has been amended on several occasions to update or include new provisions. With the introduction of new fees, resulting from recommendations of the 2014 Solid Waste Management Plan review, it is recommended that the existing Bylaw be repealed and replaced with the new Bylaw No. 5737, a bylaw to fix and regulate the use, rates, terms and conditions for refuse disposal facilities within the Columbia Shuswap Regional District.

IMPLEMENTATION:

The effective date for the new Bylaw No. 5737 will be July 1, 2017. Once adopted, staff will begin the work of updating account holders and the public via a number of methods including; social media, posting at CSRD refuse disposal facilities, updating signage and providing education/training to CSRD site attendants.

DESIRED OUTCOMES:

The Board approve the new Bylaw No. 5737, 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.*

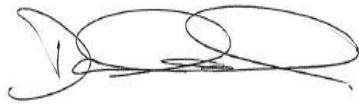
LIST NAME OF REPORT(S) / DOCUMENT(S) AVAILABLE FROM STAFF:

1. CSRD Solid Waste Disposal Tipping Fee and Regulation Bylaw No. 5737.

Report Approval Details

Document Title:	2017-05-18_Solid_Waste_Tipping_Fee_Bylaw_5737.docx
Attachments:	- Tipping Fee Bylaw.docx - Solid Waste Disposal Tipping Fee and Regulation 5737.docx
Final Approval Date:	May 8, 2017

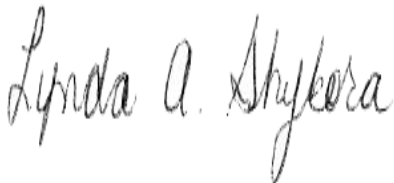
This report and all of its attachments were approved and signed as outlined below:



Darcy Mooney - May 8, 2017 - 2:38 PM



Jodi Pierce - May 8, 2017 - 2:50 PM



Lynda Shykora - May 8, 2017 - 3:52 PM



Charles Hamilton - May 8, 2017 - 3:53 PM