

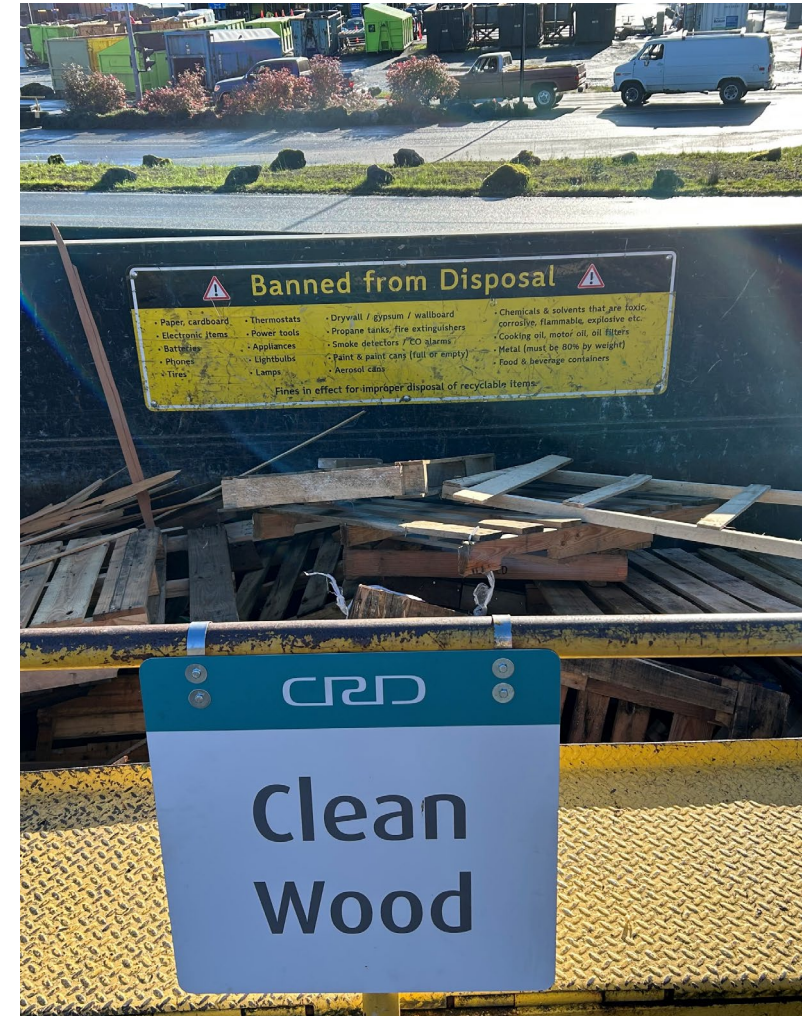
Material Stream Diversion – Award of Contract ERM2022-010

Environmental Services Committee

April 19, 2023

Background

- Phase 1 - January 1, 2024 implementation:
 - Clean wood waste ban
 - Tipping fee structure changes
 - Waste Stream Collector Incentive Program
 - Fine rates increases, new warning system
- 104.7 tonnes of clean wood was diverted from landfilling in January
- The Waste Stream Collector Incentive Program's 22 registrants represent approximately 70% of Hartland's total general refuse tonnages
- Provided staff with valuable information about market response and participation for implementing subsequent phases



Procurement

- To support Phase 2, a Request for Proposals was issued from September 2023 to January 2024 to construct and operate a Material Stream Diversion Transfer Station at Hartland Landfill to process wood (clean, treated and salvageable), asphalt shingles and carpet and underlay
- Two submissions were received from Emterra Environmental and DL's Bins
- Neither proponent provided an option for salvageable wood and processing costs for carpet and underlay weren't financially sustainable
- Negotiations with the preferred proponent have indicated both could be considered as part of a Phase 3 alternative

Award of Contract

- Finalize negotiations and enter into a two-year operating and construction contract, for a combined value not to exceed \$12,500,000 (excluding GST) with DL's Bins
- DL's Bins will construct and operate the Material Stream Diversion Transfer Station to begin processing clean wood, treated wood and asphalt shingles on July 1, 2024



Waste Flow Restrictions

- Market response to date suggests the \$300/tonne mixed renovation and demolition rate will incent Hartland customers to seek lower cost landfill disposal options out of region, rather than divert banned materials, including wood waste.
- Staff recommend adding a Phase 3 (2026) to implement the \$300/tonne mixed renovation and demolition rate to allow customers time to adjust to the new policies.
- Staff recommend the CRD begin consultation on policies to restrict the flow of general refuse waste outside the capital region ahead of Phase 3 implementation.

Tipping Fee Schedule

Material Type	Tipping Fee (per tonne)	Landfill Ban Implementation	Date
MANDATORY RECYCLABLES			
Clean Wood	segregated diversion \$80	Phase 1	January 1, 2024
Treated Wood	segregated diversion \$110	Phase 2	July 1, 2024
Asphalt Shingles	segregated diversion \$110	Phase 2	July 1, 2024
Salvageable Wood	segregated diversion \$0	Phase 3*	2026
Carpet and Underlay	segregated diversion \$110	Phase 3*	2026
RENOVATION AND DEMOLITION WASTE			
Clean	segregated diversion \$150	Phase 2	July 1, 2024
Mixed	segregated diversion \$150, with \$500 fine in effect	Phase 2*	July 1, 2024
Mixed	segregated diversion \$300, with \$500 fine in effect, potential flow control policies	Phase 3*	2026

* Subject to board direction

Thank you

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