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Parks & Environmental Services  
625 Fisgard Street, PO Box 1000  
Victoria, BC, Canada V8W 2S6

T: 250.360.3078  
www.crd.bc.ca

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**CAPITAL REGIONAL DISTRICT  
PROCESSING AND UTILIZATION OF SOURCE-SEPARATED MATERIALS FROM  
HARTLAND LANDFILL  
RFP ERM2022-010  
ADDENDUM NO. 2**

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This letter shall serve as confirmation that the revisions included herein as Addendum No. 2 shall form part of the Request for Expressions of Interest (RFEOI) Documents for RFEOI No. ERM2022-010.

**ADDENDUM NO. 2:**

Q1: Is painted wood included on the list of materials for diversion, for example, lead painted wood. Could onsite treatment to remove lead from paint be included in the proposal?

*A1: CRD will consider expressions of interest received for 'other materials identified by the proponent'.*

Q2: What is the compaction rate at Hartland Landfill?

*A2: The CRD will provide the compaction rate as part of the Request for Proposal (RFP) documentation.*

Q3: Can land or equipment be provided at the landfill to process diverted materials? If the proposal includes need for land at Hartland Landfill to process material, is there an indication of how much land is available, the size and accessibility? Will there be an opportunity to conduct a site visit as part of the RFP process?

*A3: Through this expression of interest process, the CRD is interested to understand all proposals and private sector requirements, including options for the private sector to process material both on and off site. Results of the RFEOI will be used to inform the RFP process.*

Q5: Could the Information Meeting slides be shared?

*A5: The slides are attached as Appendix A.*

Q6: What are the next steps required to submit the RFEOI?

*A6: The RFEOI submission is due January 24, 2023. The answers to the questions to be submitted are on page 5 and 6 of the RFEOI.*



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**Delete:**

<b>REQUEST FOR EXPRESSIONS OF INTEREST TITLE</b>	The title of this RFEOI is: <b>RFEOI NO. ERM2022-010 – Processing and Utilization of Source Separated Materials from Hartland Landfill</b> Please use this title on all correspondence.
<b>CRD REPRESENTATIVE</b>	The CRD Representative for this RFEOI is: Andrea Panich Waste Diversion Coordinator <a href="mailto:apanich@crd.bc.ca">apanich@crd.bc.ca</a> Please direct all enquiries, by email, to the above named CRD Representative. <u>No telephone enquiries please.</u>
<b>ENQUIRIES</b>	Respondents are encouraged to submit enquiries before 14:00 PST on the day that is 5 Business Days (January 17, 2023) before the Closing Time, to permit consideration by the CRD. The CRD may, in its discretion, decide not to respond to any enquiry.
<b>INFORMATION MEETING</b>	<b>10:00 am-11:00 am PST on January 13, 2023, via Microsoft Teams</b>
<b>CLOSING TIME</b>	The Closing Time for submissions is: <b>4:00 pm PST on January 24, 2023</b>
<b>SUBMISSION LOCATION</b>	Responses are to be submitted to: Capital Regional District 625 Fisgard Street Victoria, BC, V8W 1R7  Attention: Andrea Panich



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**Replace with:**

<b>REQUEST FOR EXPRESSIONS OF INTEREST TITLE</b>	The title of this RFEOI is: <b>RFEOI NO. ERM2022-010 – Processing and Utilization of Source Separated Materials from Hartland Landfill</b> Please use this title on all correspondence.
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<b>SUBMISSION LOCATION</b>	<b>Electronic Submissions are to be submitted to:</b> <a href="mailto:apanich@crd.bc.ca">apanich@crd.bc.ca</a> <b>Paper submissions are to be submitted to:</b> <b>Capital Regional District</b> <b>625 Fisgard Street</b> <b>Victoria, BC, V8W 1R7</b>  <b>Attention: Andrea Panich</b>  <b>Proponents may submit either a paper or electronic submission.</b>



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All Proponents shall acknowledge receipt and acceptance of this Addendum No. 2 by signing and dating in the spaces provided below and submitting the signed Addendum with the Proposal. Proposals submitted without this Addendum may be considered incomplete.

January 18, 2022

\_\_\_\_\_  
PROPONENT - Please print name

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

RFP No. ERM2022-010



# **Processing and Utilization of Source-Separated Materials from Hartland Landfill RFEOI ERM2022-010**

January 13, 2023  
Information Meeting

- 1. General Terms and Conditions**
- 2. Purpose**
- 3. Objective**
- 4. Background**
- 5. Materials for diversion**
- 6. Potential Quantities**
- 7. Scope of RFEOI**
- 8. Material Stream Diversion Policies**
- 9. Key Information**

- The CRD reserves the right to allow prospective vendors to participate in the Request for Proposals (RFP) who have not participated in the RFEOI.
- This RFEOI does not create a tender or RFP process. This RFEOI is not an offer to contract made by the CRD. By this RFEOI, the CRD reserves to itself the right to consider and analyze the Expressions of Interest, select short-listed respondents, and sign a future agreement with one or multiple respondents.

The CRD is seeking a variety of submissions from Respondents which may include:

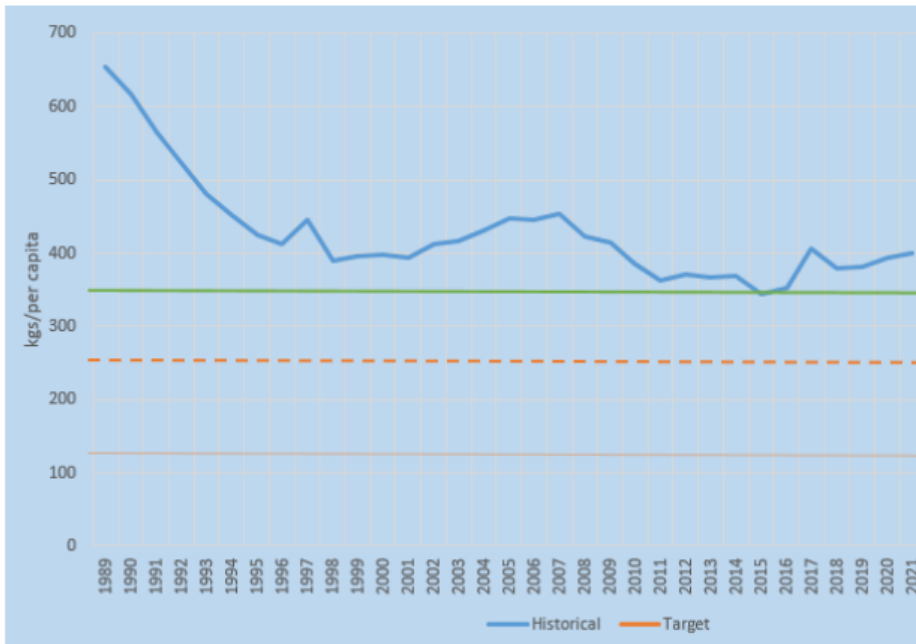
- High volume Expressions of Interest (EOI)'s focused on maximizing diversion potential (e.g., wood waste to hog fuel, or thermal processing of pre-processed construction and demolition waste);
- Low volume EOI's focused on innovative use of materials aligned with the waste hierarchy to reuse and recycle materials, supporting the development of a circular economy (e.g., wood waste, textiles, furniture or other products);
- Pilot projects with set timelines and objectives that could lead to innovation in the industry;
- On-site or off-site processing of diverted waste;
- Other waste types not considered by the CRD; and
- Waste processing systems that could reduce airspace consumption, such as shredding.



- The objective of this RFEOI is to obtain information from Respondents, with the capacity and ability to reuse, recycle, repurpose, or otherwise process the source-separated materials from Hartland Landfill.
- The potential annual tonnage of material available ranges from zero to a maximum of 100%

# Background-Per Capita Disposal

## CRD Per Capita Disposal Rate



CRD 2021: 400 kg/capita

Provincial target: 350 kg/capita

CRD SWMP Target: 250 kg/capita

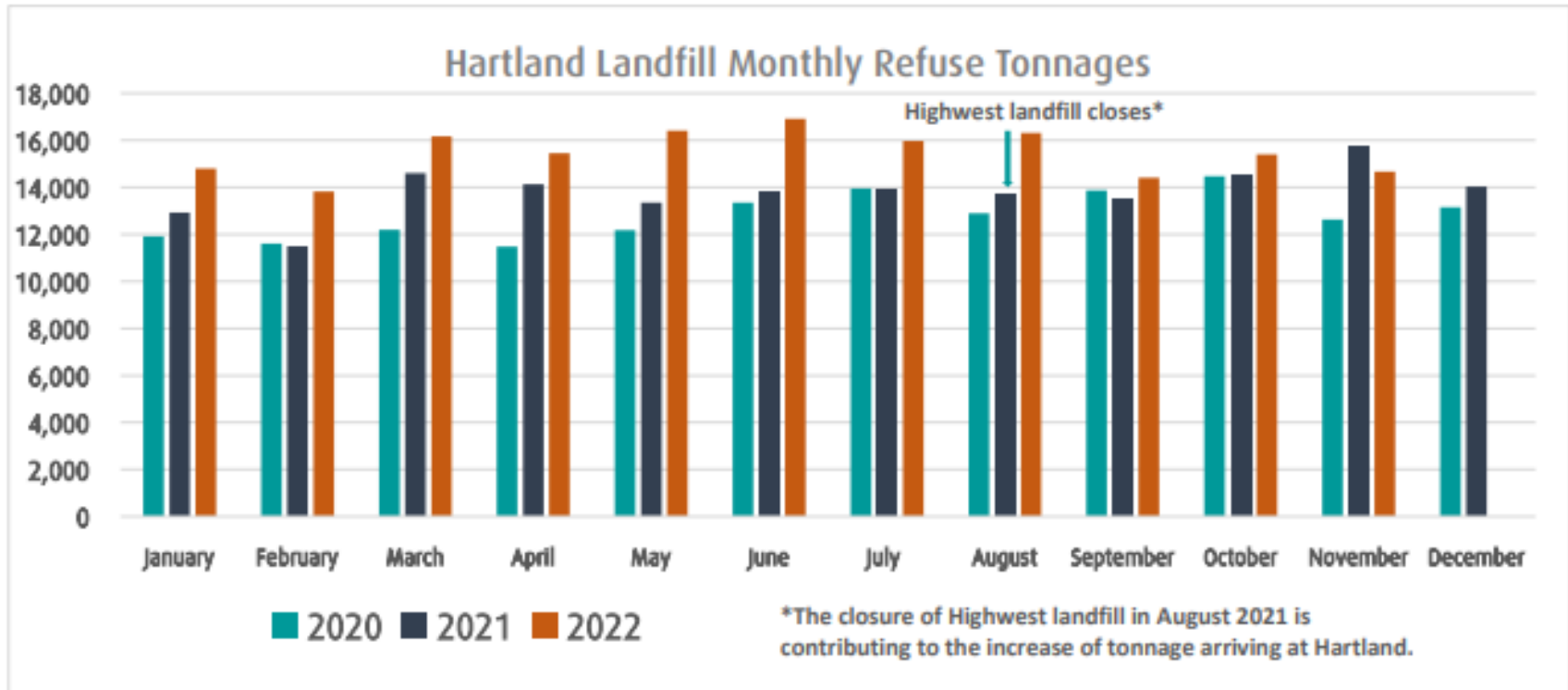
CRD SWMP aspirational goal: 125kg/capita

**Solid waste Management  
Plan Target: 250 kg per capita by 2031**

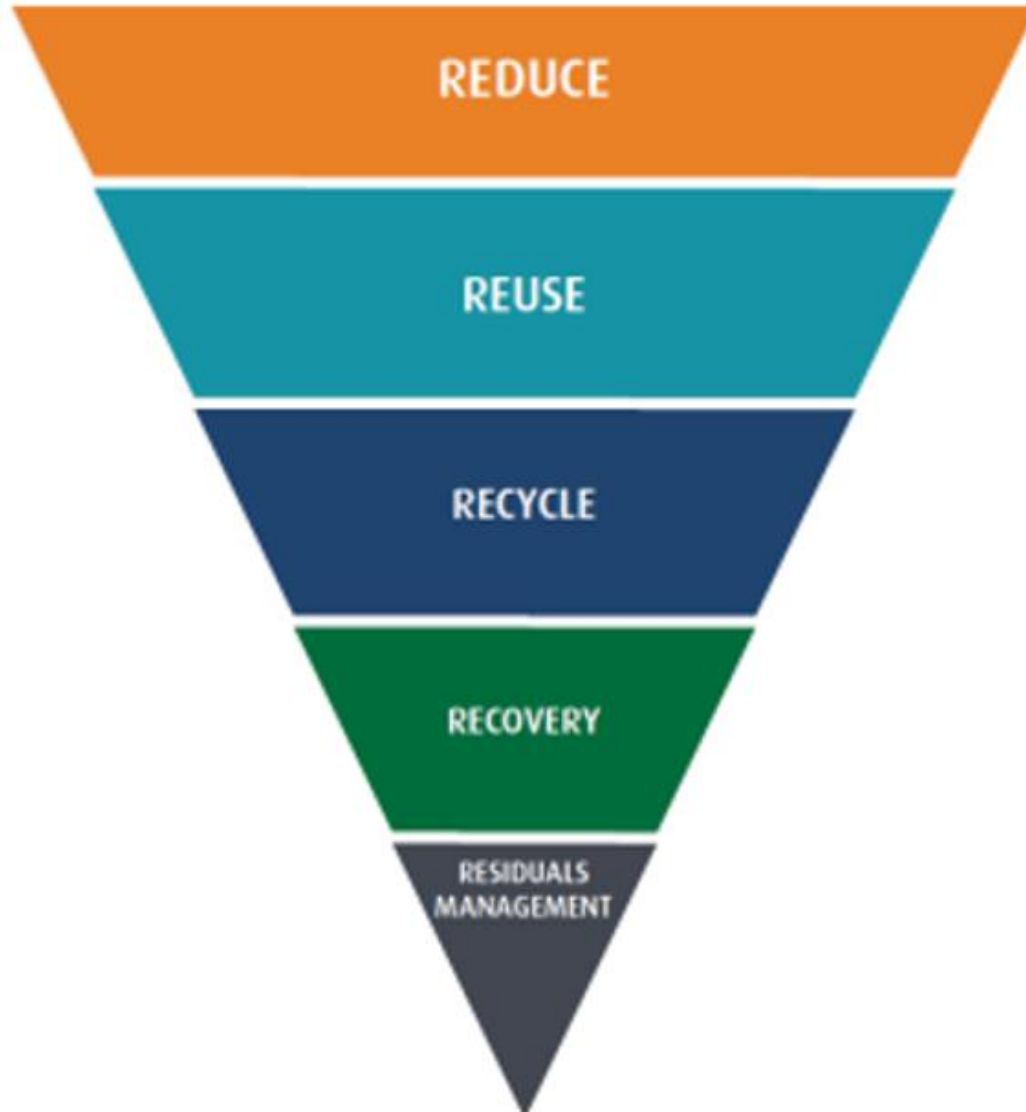
### Per Capita Disposal Rate for the Capital Region

Year	Population <i>Based on BC Stats</i>	Total Material Landfilled	Disposal Rate (kg/person)
2020	425,503	168,044	395
2021	432,062	172,886	400
<i>2022 Estimated</i>	<i>438,000</i>	<i>184,000</i>	<i>420</i>

# Background-Monthly Tonnages

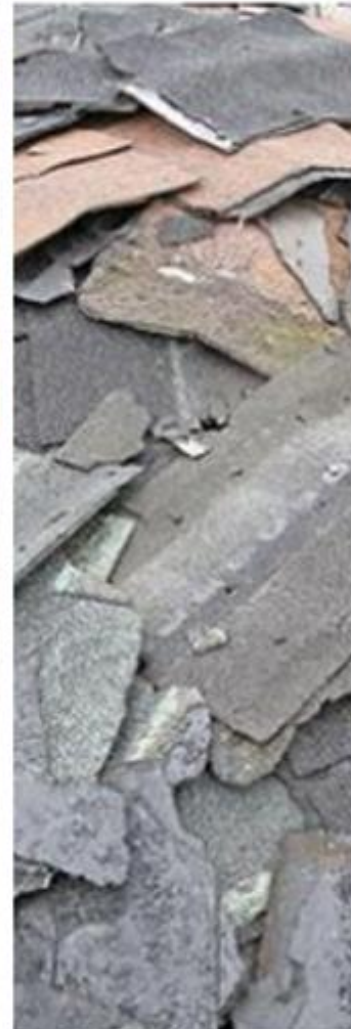
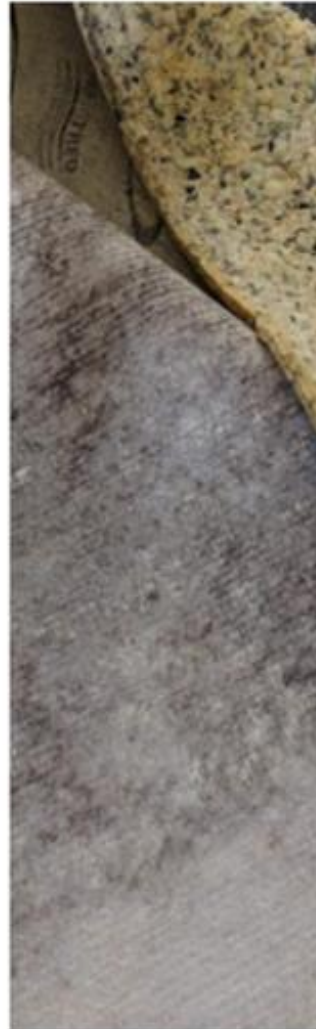


# 5R Pollution Prevention



# Materials for Diversion

- Clean Wood
- Treated wood and wood products
- Asphalt roofing shingles
- Textiles
- Carpet and backing
- Flooring
- Rigid plastics
- Furniture
- Mattresses



- Clean wood (pallets and skids): **up to 5,500 tonnes**
- Treated wood and wood products: **up to 22,000 tonnes**
- Asphalt roofing shingles : **up to 9, 000 tonnes**
- Textiles (clothing, household textiles, footwear): **up to 8,500 tonnes**
- Carpet and backing: **up to 4,000 tonnes**
- Flooring: **up to 300 tonnes**
- Rigid Plastic: **up to 2,500 tonnes**
- Furniture (non-wood):**up to 1,000 tonnes**
- Mattresses: **up to 500 tonnes**
- Other: **as identified by proponent**

- Expand landfill bans (wood, roofing shingles, textiles, carpet and backing, flooring, rigid plastics, furniture, mattresses)
- Develop new reduced tipping fee rates for source separated materials
- Increase Hartland tipping fee for mixed general refuse
- Expand enforcement of landfill material bans
- Expand material stream diversion services

# Scope of RFEOI

- Process source separated waste through:
  - Thermal processes for energy use
  - Recycle, reuse and repurpose
- On-site or off-site processing of diverted wastes





# Key Information



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# Key Information



<b>RFEOI Issued</b>	December 22, 2022
<b>EOI Information Meeting</b>	January 13, 2023
<b>EOI Response (closes)</b>	January 24, 2023
<b>Interviews</b>	January 30, 2023
<b>Issue Invitational RFP</b>	February 17, 2023
<b>In Service Target Date</b>	July 1, 2023

**QUESTIONS?**