

## Challenges and Opportunities – 2018 Existing Solid Waste Management System

Waste Composition – Diversion Potential	<ul style="list-style-type: none"> <li>Potential challenge to meet Province's per capita disposal rate.</li> <li>Recyclable, Compostable, and EPR material are being landfilled that could be diverted.</li> </ul>
Reduction and Reuse Activities	<ul style="list-style-type: none"> <li>High material consumption levels.</li> <li>Opportunities to encourage the 3Rs, to promote sustainable design, and consider the circular economy.</li> </ul>
Recycling (Collection Services)	<ul style="list-style-type: none"> <li>Recyclable materials are being landfilled.</li> <li>Securing ongoing funding for Gulf Island recycling depots.</li> <li>National Sword (China) policy restricting markets for recyclables. This could encourage local processing capacity and markets.</li> <li>Lack of Recycle BC PPP recycling collection for multi-family sector.</li> <li>PPP from the Industrial, Commercial and Institutional sector is not included in the PPP EPR program.</li> </ul>
Extended Producer Responsibility	<ul style="list-style-type: none"> <li>Multiple EPR programs and locations for items can lead to consumer confusion and frustration.</li> <li>Opportunities for improved education efforts.</li> <li>Siting of return depots can involve multiple jurisdictions, and can be resisted at the community level.</li> </ul>
Composting and Organics Recycling	<ul style="list-style-type: none"> <li>Currently no in-region composting facility, however a procurement process has been initiated (January 2018).</li> </ul>
Resource Recovery	<ul style="list-style-type: none"> <li>Explore options to maximize Hartland landfill gas utilization.</li> </ul>
Residual Management	<ul style="list-style-type: none"> <li>Highest Waste Management Facility (Tervita) has a limited life (2023 without further expansion).</li> <li>Maximizing airspace at Hartland landfill is a top priority with the goal of extending the life of the landfill beyond 2100</li> </ul>
Construction, Renovation and Demolition Waste	<ul style="list-style-type: none"> <li>Asbestos containing materials requires special handling and management protocols.</li> <li>Explore opportunities to divert clean wood waste.</li> </ul>
Household Hazardous Waste	<ul style="list-style-type: none"> <li>Hartland is only facility in the region accepting non-EPR HHW, which is expensive to handle and manage. Advocate for more to be covered under EPR.</li> </ul>
Illegal Dumping	<ul style="list-style-type: none"> <li>An ongoing challenge for municipalities. CRD role is to educate.</li> </ul>
Education and Outreach	<ul style="list-style-type: none"> <li>Opportunities for expanding education campaigns and for working with stewards.</li> </ul>
Financing CRD Solid Waste System	<ul style="list-style-type: none"> <li>Current financial reserves are healthy in part due to strong economy.</li> <li>Funding diversion programs with disposal revenue is unsustainable as the CRD work towards reducing per capita disposal rate. Recycling costs more than landfilling.</li> </ul>