

Waste & Resource Management on Salt Spring Island

Information Session

November 24, 2016

CRD Mandate and Strategic Plan

- CRD Mandate
- 200 services: regional, sub-regional, local
- 2015 to 2018 Board Strategic Priorities
- 12 priority areas
 - #1 Climate Change
 - #2 Integrated Resource Management

CRD Solid Waste Function - History

- Province of BC Letters Patent (1973)
- CRD Service Establishment Bylaw
- Solid Waste Functions
 - Disposal
 - Hartland Landfill
 - Recycling
 - CRD blue box/recycling depots (1989 - 2014)
 - Hartland recycling facility
 - Now transitioning to Extended Producer Responsibility programs

Roles & Responsibilities

- Ministry of Environment
- Environmental Management Act (EMA)
- Regulations (BC Recycling Regulation, Organic Matter Recycling Regulation etc.)
- Regional government (CRD)
- Solid Waste Management Plan (SWMP)
- Bylaws (e.g. SSI Transfer Station Bylaw)
- Disposal and recycling services (as applicable)
- Local government
- Municipalities (residential collection if applicable, bylaws, zoning)
- Electoral Areas (local services)
 - Salish Sea Islands only – zoning by Islands Trust

Solid Waste Management - Overview

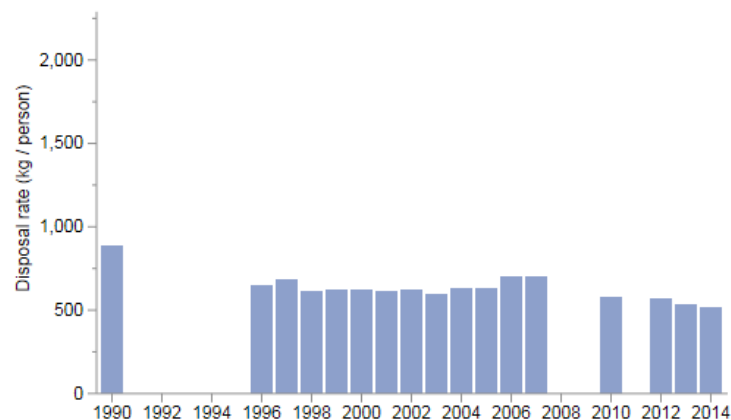
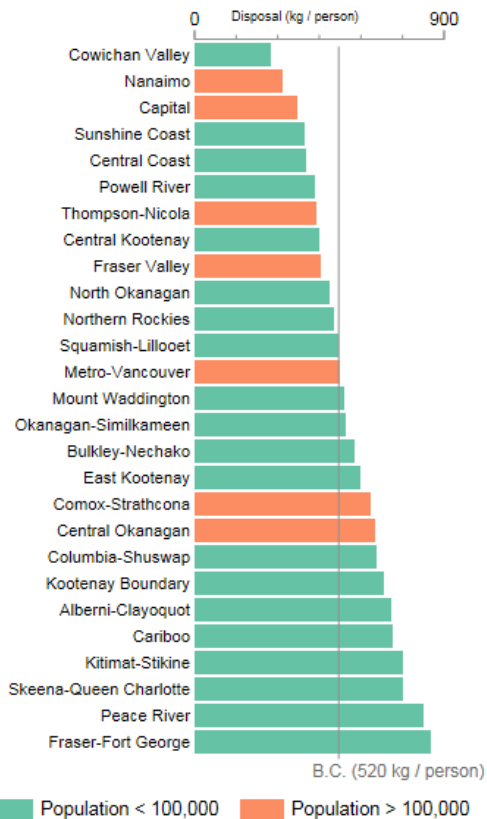
- Solid Waste Management Plan (mandated)
- Original in 1989
- Revisions 1991 & 1995
- 8 amendments
- Key Components/Tools
- Targets: per capita disposal rate
- Planning tool: waste composition study
- Strategies: 5R hierarchy

Per Capita Disposal Rate

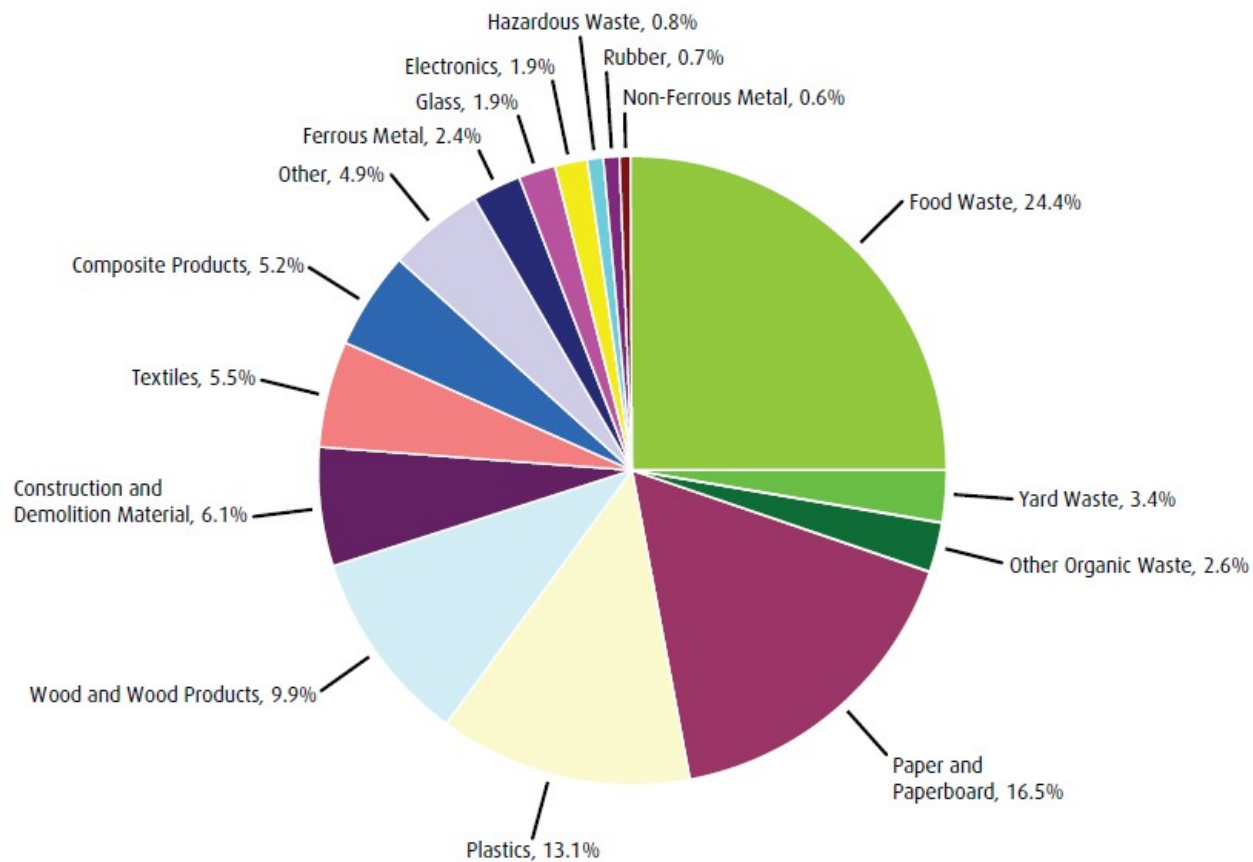
2014 Regional District disposal rates (kg per person)

Disposal rates in British Columbia (kg per person)

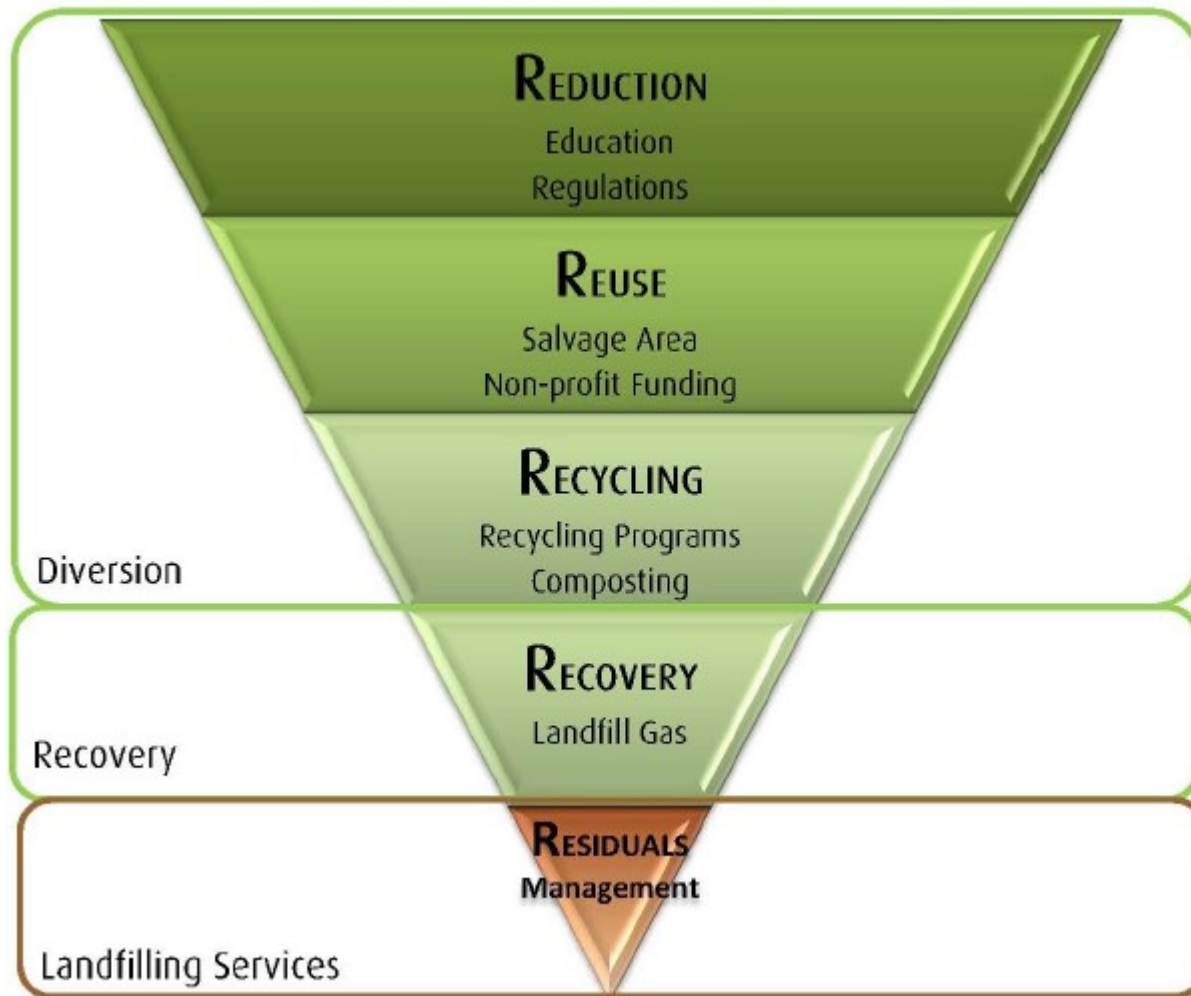
Click to sort by: [Name](#) / [Disposal Rate](#) / [Population](#)



CRD Waste Composition (2010)



5R Hierarchy



Reduction & Reuse

- Region wide
- Education programs
 - Myrecyclopedia, outreach, Compost Centre, school program
- Policies/regulations
 - Landfill bans, SSI transfer station bylaw
- Reuse area at Hartland
- Funding
 - Non profits/community clean up

Recycling - Overview

- Transition from local government services to Extended Producer Responsibility (EPR)
- BC Recycling Regulation
- 14 product stewardship categories
 - Packing & printed paper, electronics, paint etc.
- CRD has agreements with stewardship agencies
- Private haulers service commercial sector

Recycling in the CRD

- Residential Packaging & Printed Paper (PPP)
- Responsibility of Multi Material BC
 - Collection (curbside or depot)
 - Processing (centralization)
- Commercial PPP
- Not yet included in Recycling Regulation
- Other Recyclables
- 13 EPR categories plus some others
- Drop off (depots, retail, mail in)

Composting - Overview

- Provincial regulation
- Organic Matter Recycling Regulation (OMRR)
- CRD strategy
- Backyard composting
- Composting facilities bylaw (Bylaw 2736)
- Kitchen scraps ban

Composting in the CRD

- Collection
 - 6 municipalities
 - residential collection programs
 - 13 municipalities & EAs use private haulers
 - Residential and commercial customers
- Processing
 - Onsite/digesters
 - Out of region facilities
 - Investigating in region capacity

Resource Recovery

- Landfill gas recovery (Hartland)
- Power generation
- Renewable gas opportunities

- Integrated Resource Management
- Liquid waste residuals
- Solid waste residuals

Residual Management

- Municipal solid waste
- Hartland
- Construction & demolition waste only
- Tervita
- 4 closed landfills
- In electoral areas
- Future landfill capacity

Solid Waste Management Topics

Salt Spring Island

- Reduce & Reuse
- Recycling
- Composting
- Disposal
- Regulations
- Economic opportunities
- Other

Thank you.