

Waste Reduction Update

Governance and Services Committee Meeting

September 10, 2020

1450 K.L.O. Road
Kelowna, BC, V1W 3Z4
rdco.com





Alternative Recyclable Collection

Background

On May 9, 2019, the Board directed staff:

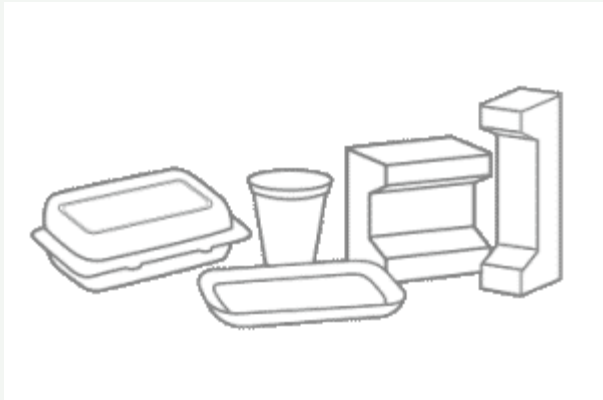
“...to explore and report to the Board on alternate collection methods including the costs for recyclable material which is currently collected through the depot system but not in residential curbside carts.”

Background

- Provincial regulation requires printed paper and packaging recycled to be paid for by the producer (Extended Producer Responsibility program - ERP)
- The RDCO Solid Waste Management Plan advocates for the full cost compensation of recycling programs by producers
- The EPR for printed paper and packaging is the responsibility of Recycle BC
- Recycle BC funds the collection of recyclables within communities

Depot Only Recyclables

Foam Packaging



Non-Deposit Glass



Plastic Bags and Overwrap



Other Flexible Plastic



Recycle BC pays the RDCO to collect these recyclables at Depots

Glass Recycling

- Curbside glass was collected prior to 2007
 - Changed to improve the marketability of recyclables
 - Glass recycling now limited to depots and retailers
- Non-deposit curbside glass recycling can be provided through a separate smaller curbside container
 - Approximate cost: \$9 per household annually in other BC communities

Beverage containers are only acceptable at retailers and bottle depots

Foam and Flexible Packaging Recycling

- Collected through Recycle BC depot program
 - Recyclables are sorted and sold to market
- All reviewed communities are collecting this material through the Recycle BC depot program
- No comparable costs available
 - Research indicates low marketability with a negative return

Foam and Flexible Packaging Recycling



London Drugs retail locations have partnered with Recycle BC to provide alternative drop off locations for these recyclables

Source: <https://recyclebc.ca/recycling-plastic-bags-gets-easier-penticton-kamloops-kelowna-west-kelowna-prince-george-gibsons-squamish/>



RDCO Waste Reduction Update

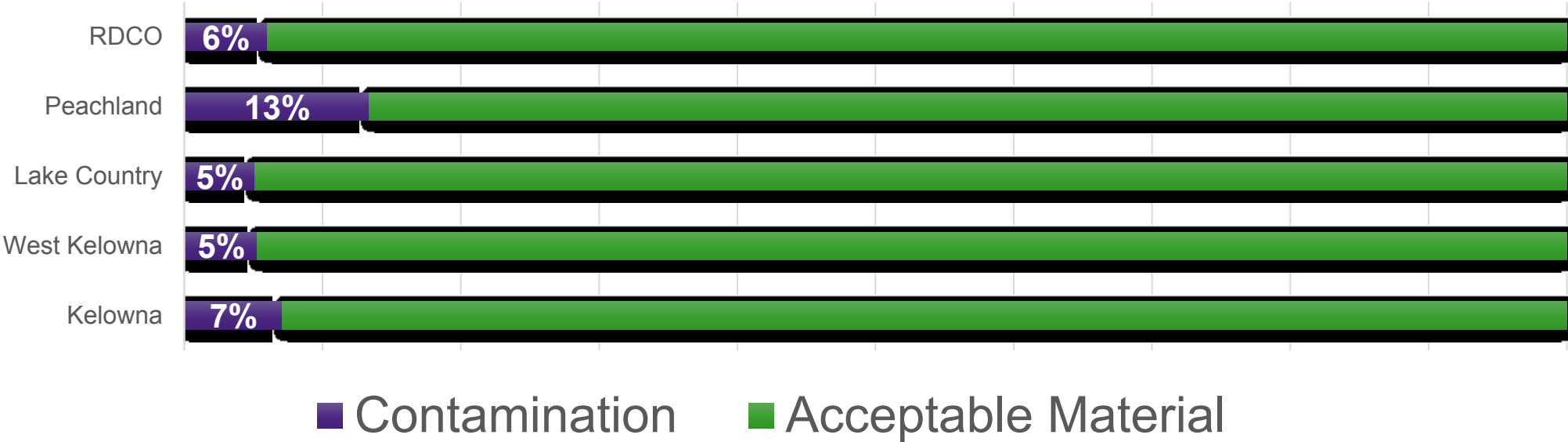
Recycle BC Survey Results

Top reasons for not recycling in BC (April 2020):

- 72% - said they are 'not sure if it's accepted for recycling'
- 27% - said they reuse recyclable materials, in particular plastic bags
- 24% - said they don't want to clean them
- 15% - said they are unsure how to sort them
- 11% - said it was inconvenient to take an item to a depot

Curbside Recycling Contamination (Audit)

- December 2019 Recycle BC Audit:
 - Most communities* decreased curbside contamination from previous averages
- *Peachland's first audit



Curbside Collection Update

▪ Customer Inquiries

- Decreased in inquiries and complaints through Q2
 - Calls from unique customers decreased 40%
 - Calls from repeat customers decreased 14%
- Increase in missed collections per week through the summer
 - From 60 per week to 72 per week

▪ Curbside Service

- Delayed collection
 - Summer traffic patterns and residential congestion
- 20% increase in amount of waste collected curbside

COVID 19 Impacts

▪ Curbside Collection

- Delayed cart delivery (replacements and upgrades)
- Accessibility challenges
- Waste generation shifted from work to home

▪ Education & Outreach

- Events cancelled for 2020
- Tag a bag program restored August 25th
- Green Cones and Composters delivered
- Student Ambassador program delayed

Solid Waste MOU Update

The Solid Waste MOU formalizes and co-ordinates Solid Waste Management by the RDCO on behalf of member municipalities

- Solid Waste Technical Advisory Committee (TAC) has completed its technical review
- Further review is required before being brought to the Board for consideration

Recycle BC Update

- Recycle BC has committed to attend the G&S meeting on October 8th
- Tentative content includes:
 - Overview of the recycling system
 - Recyclable market update
 - Contamination Audits
 - Depot and Curbside materials
 - Multi-family Recycling



End of Presentation