



REDESIGNING RESIDENTIAL RECYCLING



RECYCLEBC™

WHO WE ARE

Recycle BC is a not-for-profit organization responsible for residential packaging and paper recycling throughout British Columbia.

Recycle BC ensures household materials are collected, sorted and responsibly recycled.

Our program is funded by over 1,200 businesses that include retailers, manufacturers and restaurants that supply packaging and printed paper to BC residents, shifting costs away from homeowners.



EXTENDED PRODUCER RESPONSIBILITY (EPR)

- EPR is the obligation that businesses have to reduce the environmental impact of their products and packaging
- Producer responsibility spans the entire product management lifecycle, physical and financial, for products and packaging supplied into the marketplace
- Shifts responsibility upstream, away from municipalities and regional waste authorities to the companies that put the products in the market

PROVINCE OF BC REGULATION

- Recycle BC operates within the framework of the Province of BC's Environmental Management Act and the Recycling Regulation
- The materials we collect are directed by the Regulation and we operate under our Stewardship Plan, approved by the Ministry of Environment

RECYCLE BC'S STEWARDSHIP PLAN

On behalf of producers, Recycle BC:

- Provides collection services
- Processes material
- Markets material to end-markets

RECYCLE BC 2017 PROGRAM PERFORMANCE

234,847

tonnes reported
by stewards



174,942

tonnes collected*



75%

recovery rate*



38.3 kg

recovered per capita



*174,942 tonnes collected and 75% recovery rate reflect the exclusion of tonnes collected by Recycle BC on behalf of other stewardship programs and reported in their annual reports.

RECYCLE BC 2017 ACCESS

98%

of households with
access to depots



1,846,097

households serviced (includes
curbside, multi-family and
depot collection)



156

communities benefitting/
participating in program
(curbside and multi-family)



3,475,000

population served by curbside
and multi-family collection



RECYCLE BC COLLECTION STREAMS



Curbside collection

Collection from households that set out material individually for pick-up



Multi-family collection

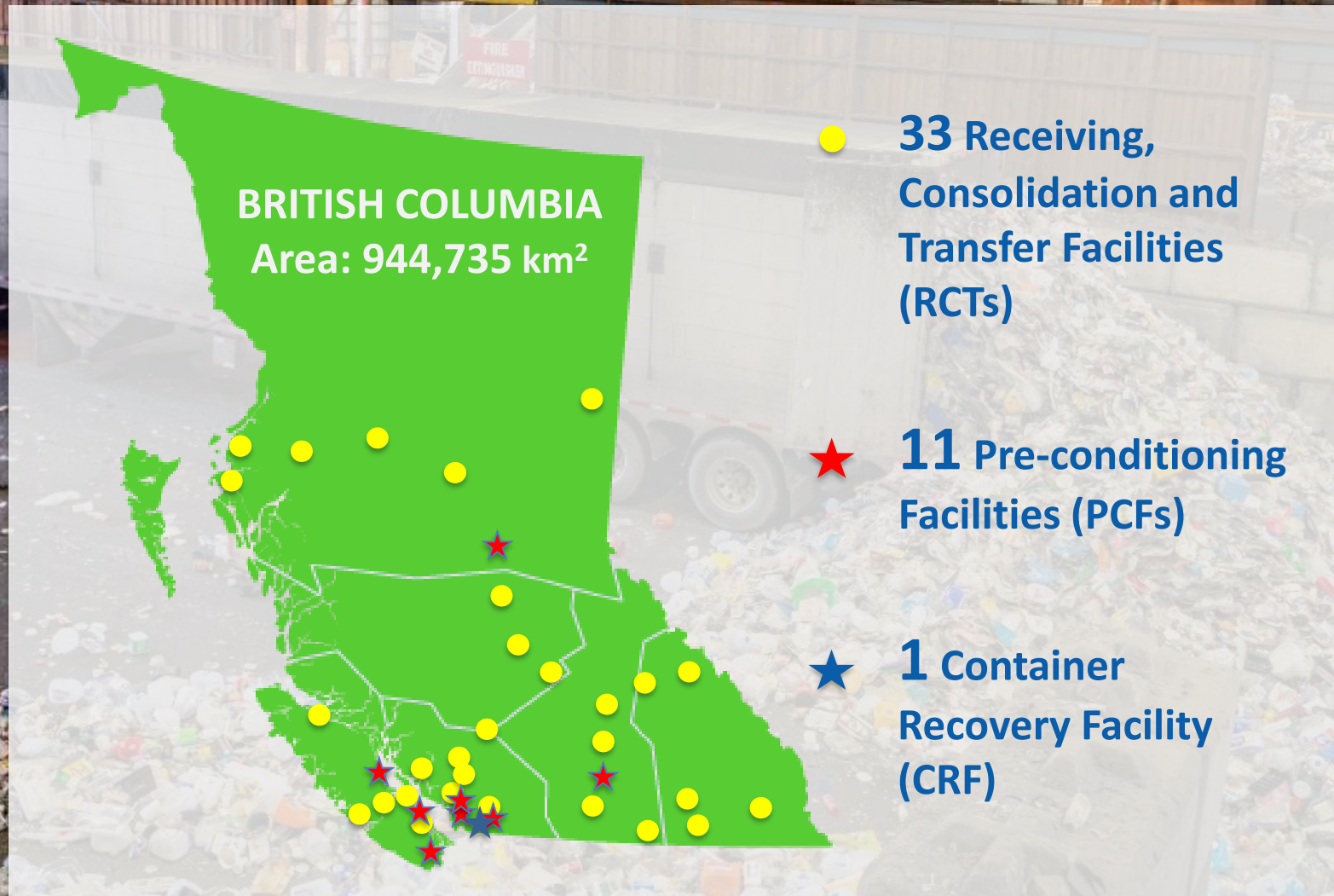
Collection from a central location in residences with five or more units



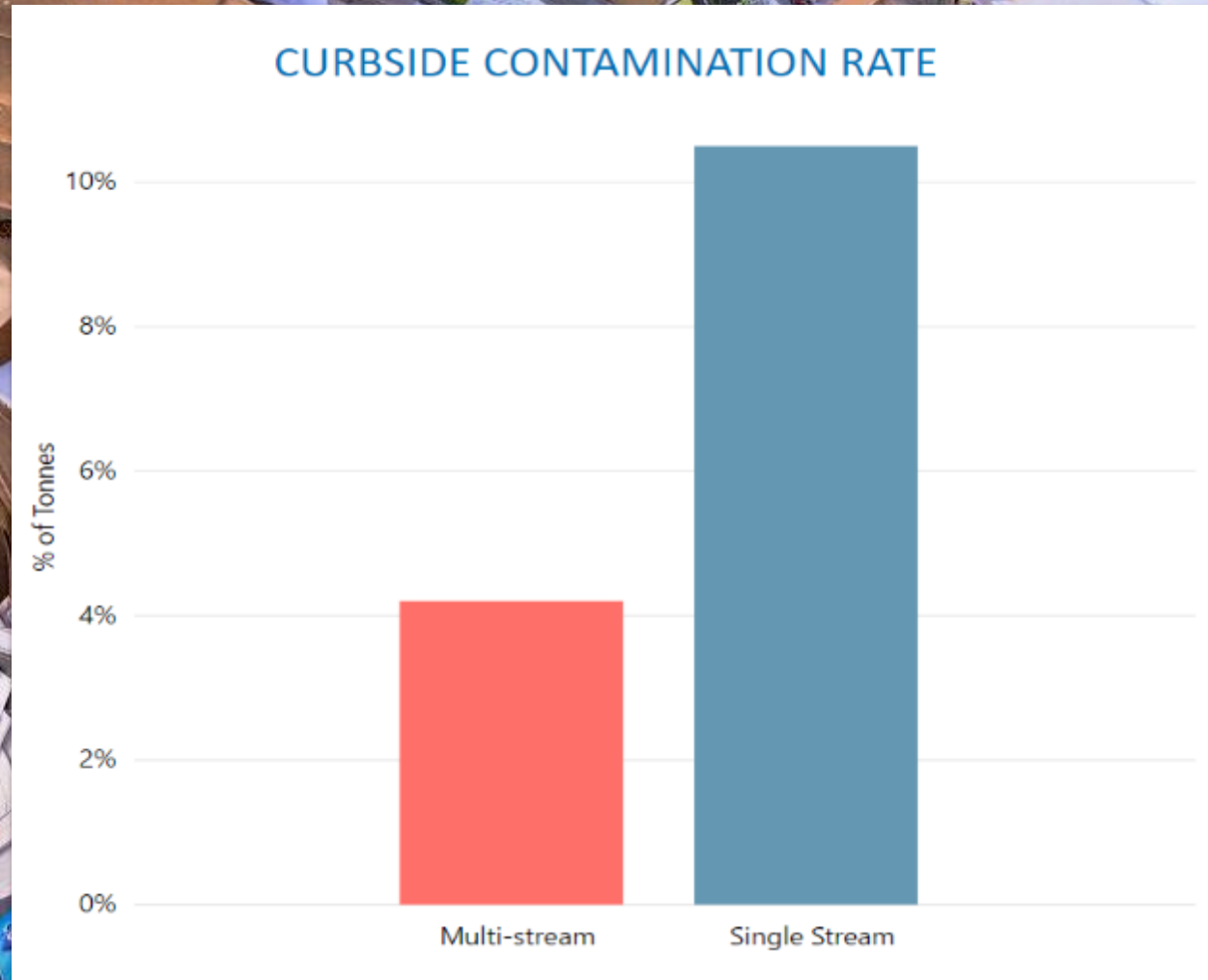
Depot collection

Residents drop off their materials

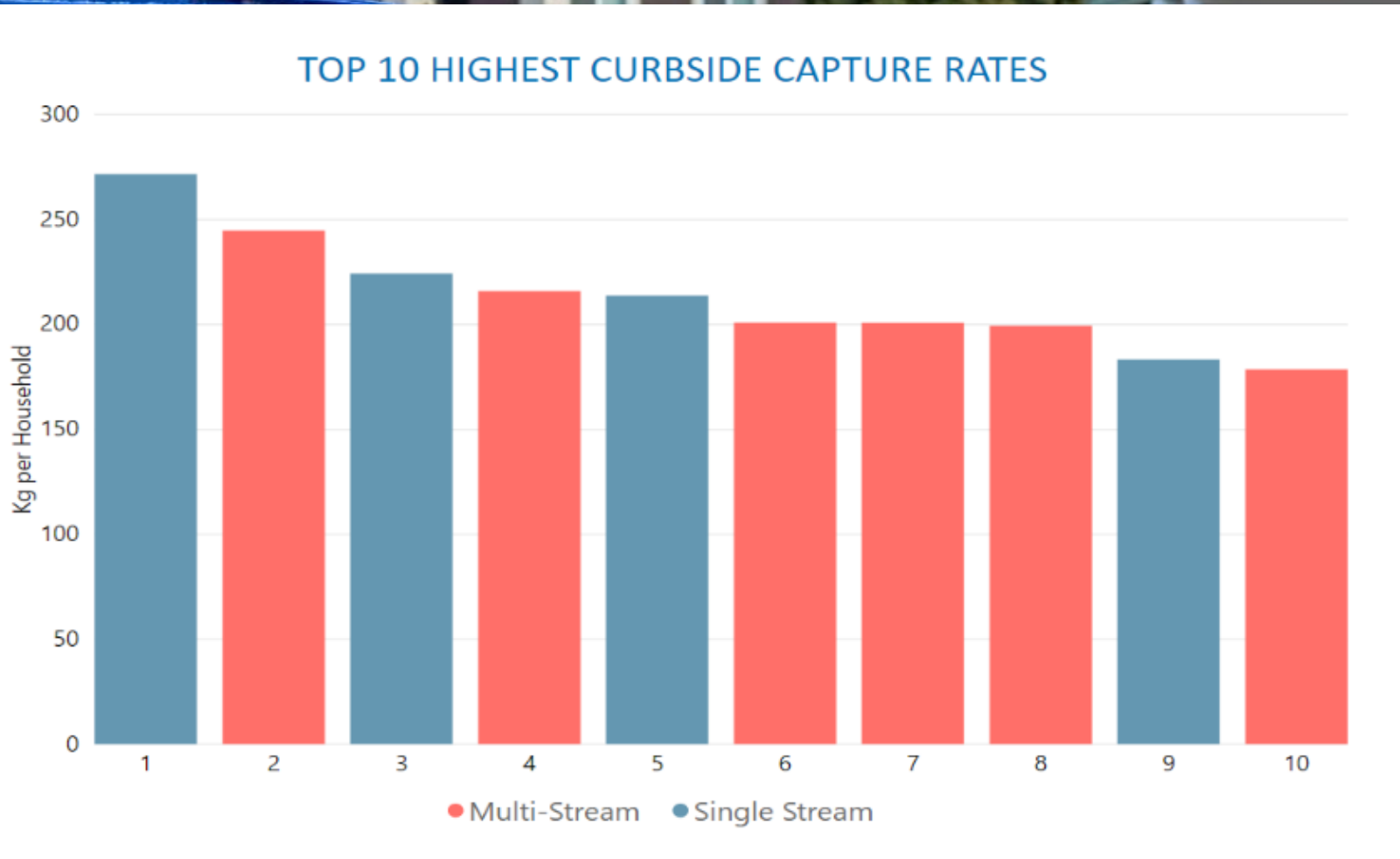
POST-COLLECTION NETWORK



CURBSIDE CONTAMINATION RATE



CURBSIDE CAPTURE RATES



RESPONSIBLE RECYCLING ELEMENTS



STANDARDIZED MATERIAL LIST

PAPER

PUT INTO REUSABLE RECYCLING BAG

Recycle at curbside or depot
Clean and dry paper only



CONTAINERS

PUT INTO BLUE BOX

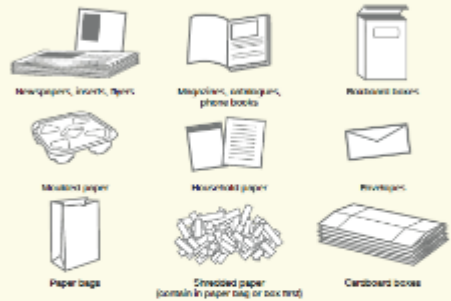
Recycle at curbside or depot
Empty and rinse containers



GLASS

PUT INTO GREY BOX

Recycle at curbside or depot
Empty and rinse glass bottles and jars



- ✓ Chewing cards
- ✓ Paper gift wrap
- ✓ Paper gift bags
- ✓ Paper carry-out beverage trays
- ✓ Cores from paper towel and toilet paper



- ✓ Plastic packaging for toys, batteries etc.
- ✓ Separate plastic from paper backing
- ✓ Spiral reward cards and lids for frozen juice concentrates, chips, etc.
- ✓ Plastic pails less than 25L for laundry detergent, cat litter, etc.
- ✓ Plastic tubs for yogurt, margarine, etc.



1 Put all lids in blue box.

Want to recycle something not included here?

Search Recycle BC's Waste Wizard or download a full material list at RecycleBC.ca
To recycle items that are not packaging or printed paper, contact the Recycling Council of BC (RCBC) at 804-750-4253 or visit RCBC.ca.

Unused Medication

Medicine containers can be recycled with Recycle BC, but unused or expired medication can be safely disposed through community pharmacies. For more information or to find a location nearest to you please visit www.healthward.ca

NOT ACCEPTED

Do NOT place into Yellow Bag



- ✗ Non-paper gift wrap, foil wrap, cello or paper with glitz
- ✗ Rubber bands, ribbons, bows
- ✗ Padded envelopes
- ✗ Bags and boxes with foil liners
- ✗ Paper towels, napkins and tissues
- ✗ Foil or plastic lined paper bags

NO HAZARDOUS MATERIALS

Exclude batteries, medical sharps, bleach or aerosol containers with any contents remaining, compressed gas cylinders, for example used propane cylinders, containers for paint, motor oil, vehicle lubricants, or antifreeze, or containers for pesticides with the words DANGEROUS, WARNING or POISON, and precautionary octagon or diamond symbols with skull and cross bones.

NOT ACCEPTED

Do NOT place into Blue Box



- ✗ Foam packaging
- ✗ Chip or foil bags, candy wrappers
- ✗ Stained up packages
- ✗ Packaging labeled biodegradable or compostable
- ✗ Wiring, metal cords, hardware
- ✗ Clothing, textiles and shoes
- ✗ Food and yard waste

NOT ACCEPTED

Do NOT place into Grey Box



- ✗ Dishes and cookware
- ✗ Wine and mirrors
- ✗ Light bulbs
- ✗ Ceramic products

Return deposit containers for a refund.



PLASTIC, METAL AND PAPER CONTAINERS

COLOURED FOAM PACKAGING

WHITE FOAM PACKAGING

SEGREGATED COLLECTON OF CERTAIN MATERIALS

Glass



Plastic Bags



Foam Packaging



EPR®

GREEN
by Nature EPR®

 RECYCLEBC

EFFECTIVE SORTING

Receiving, Consolidation and Transfer Facilities

- Receive, store, and bail source separated materials separately

Pre-conditioning Facilities

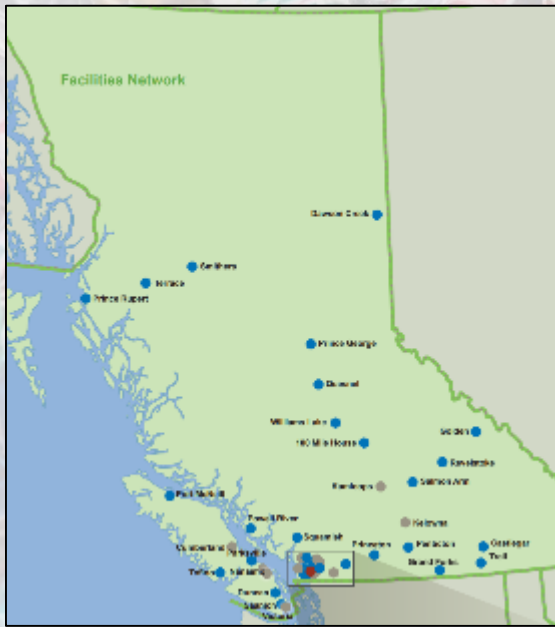
- Sort single stream material into fibres and mixed containers
- Pre-condition mixed containers

Container Recovery Facility

- State of the art sorting technology - 10 optical sorters
- 12-14 sorting categories

PROVINCIAL SYSTEM COORDINATION

Network of Facilities



Consistent Material List

WHAT CAN I RECYCLE? Residential Packaging and Paper

MIXED PAPER	CONTAINERS	GLASS
 Printed Paper	 Cans & Paper Cups	 Glass Bottles & Jars
 Paper Packaging	 Most Containers	DEPOT ONLY Plastic Bags & Garbage
 Cardboard Boxes	 Plastic Containers	 Foam Packaging

HOW TO COMPLETE YOUR RECYCLING BASKET
Download the Recycle BC app to search our waste areas and find your nearest depot.

RECYCLEBC
RecycleBC.ca

Harmonized Messaging

WHIPEEE!

Recycle BC is your residential packaging and printed paper recycling program.

MAKING A DIFFERENCE TOGETHER
Find out everything you can recycle at RecycleBC.ca

RECYCLEBC

DOMESTIC PROCESSING AND END MARKETS

- Plastics – BC
- Glass – BC
- Metal – Canada and United States
- Paper – BC and overseas

RECYCLING IS NOT FREE

- 100% EPR-funded program
- Businesses that supply packaging and paper to BC residents fund Recycle BC





WORKING WITH AND ENGAGING PRODUCERS

KEURIG



- Keurig has an aggressive goal of converting all their K-Cup® pods in Canada to a recyclable format by the end of 2018
- Recycle BC worked with Keurig and our post-collection partners, Emterra Environmental and Merlin Plastics, to facilitate testing in the sorting and recycling facilities
- RFID (radio-frequency identification) technology is used to track where their K-Cup® pods end up in the material sorting line
- An average of 92% of empty polypropylene Keurig K-Cup® pods made it to the container lines at Emterra and Merlin

NESPRESSO

- Pilot project in two BC communities, Vancouver and Coquitlam, to capture used Nespresso pods
- Curbside and multi-family collection of pods
- Residents put used pods in green bag, provided by Nespresso, and then put bag in container recycling bin

PLASTIC SQUEEZE TUBE STUDY

- In partnership with More Recycling and supported by leading manufacturers
- Three-month pilot study in Coquitlam to understand how residents prepare tubes for recycling and what types of tubes they include for recycling
- Residents received a pink bag to place empty squeeze tubes, seal the pink bag and place in their blue box for recycling collection

OTHER FLEXIBLE PLASTIC PACKAGING

- Collection of Other Flexible Plastic Packaging at depots; launched June 2018 at 115 depots, full roll-out January 2019
- Research and development project in partnership with post-collection partner, Green by Nature, and Merlin Plastics
- Seeks to develop technology that will enable the recycling of Flexible Plastic Packaging
- Any material not capable of being recycled will be recovered, processed and marketed as engineered fuel



RECYCLEBC™

Making a difference together.



[RecycleBC.ca](https://www.RecycleBC.ca)



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