

STREETSCAPE RECYCLING

National Solid Waste Benchmarking Initiative

AUGUST 17, 2022



RECYCLEBCTM

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 1,200 businesses that include retailers, manufacturers and restaurants that supply packaging and paper products to BC residents, shifting costs away from homeowners.



COLLECTION STREAMS



CURBSIDE COLLECTION

Collection from households that set out materials 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

STREETSCAPE DEFINED

- Sidewalks that are municipal property, adjoin buildings in an urban commercial area, and are used for pedestrian traffic
- Plazas or town squares that are municipal property and are available to the public, and
- Parks that are municipal property.



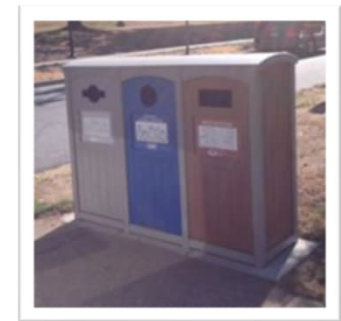
ELIGIBLE MUNICIPALITIES

- Must have existing streetscape collection program for recycling
- >20,000 population
- 200 or more people per square km



STREETSCAPE PROGRAM - EFFORTS TO-DATE

- Recycle BC has been studying streetscape recycling since 2014 through pilot projects, studies, municipal roundtables and consultation
- Active collaboration with municipalities
- Past consultation with municipalities on a Streetscape Recycling Program and financial incentive offers
- Provincial program not yet in place



PROGRAM COMMITMENTS

- Recycle BC's 2022 Draft Packaging and Paper Product EPR Plan
- Recycle BC will prepare its revised service and funding commitments to local governments and consult with local governments prior to implementation
- Recycle BC will provide the streetscape program outline to eligible local governments in Q3 2023 for local governments to request an offer to join the program



Packaging and Paper Product Extended Producer Responsibility Plan

Consultation Draft
September 29, 2022

Recycle BC
405-221 West Esplanade
North Vancouver, BC
[RecycleBC.ca](https://www.recyclebc.ca)

Recycle BC's previous Program Plans can be found at <https://www.recyclebc.ca>

PILOT PROJECTS

- 2014:
 - 2-week baseline study with North Vancouver, Penticton and Richmond
 - High levels of cross contamination
- 2015:
 - Revisited same locations to compare bin types
 - Introduction of Emily Carr design, which had best result
- 2016/2017:
 - 7-month pilot
 - Partnered with City of Vancouver on widespread installation of Emily Carr design
 - Sorting accuracy improved over time
 - Bin design had improved outcomes but many challenges



PILOT PROJECTS

- 2018/2019:
 - Continued partnership with City of Vancouver
 - Improvement of Emily Carr design and implementation of City designed bins
- 2022:
 - Continued partnership with City of Vancouver
 - Impact of collection model on liquids
- 2023:
 - Pilot with City of North Vancouver
 - Highlights impact of dog waste bins
- Detailed reports: recyclebc.ca/promotion-education-resources/on-street-recycling/



CHALLENGES

- Low accountability
- Challenging material types – coffee cups with liquid, food containers
- Poor sorting and cross-contamination
- High contamination – liquids, food waste, pet waste
- Difficulty finding end markets
- High cost
- High GHG intensity
- Outdoor factors – weather, vandalism, wear and tear



KEY CONSIDERATIONS

- Goals
- Local control/flexibility
- Number of streams
- Paper/containers mixed vs separated
- Bin design
- Colour scheme
- Visuals – graphics, naming
- Education and surveys
- Collection method
- Locations and density
- Monitoring and evaluation
- Supporting initiatives





RECYCLEBCTM

Making a difference together.



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