



ECOSAFE[®]
ZERO WASTE

**COMPOST FOR A
REGENERATIVE
PLANET**

“Compost for a Regenerative Planet” Advocacy Group

The CCC, EcoSafe, Composters and the CMA



CANADIAN REALITY

Federal, Provincial and Local governments will lay the foundation for the Waste Management Industry that will drive Recyclers of Organics and non-organics for decades



CANADIAN REALITY

Governments are laying the industry's foundation with rules that will be entrenched for decades

THE CHALLENGE

No question... the current collection system is broken?





CANADIAN REALITY

Governments are laying the industry's foundation

THE CHALLENGE

Current collection systems are broken

DECISION TIME

Our options are clear... wait and adjust to the new regulatory environment...

Or... join with the CCC, EcoSafe and the “Compost for a Regenerative Planet” advocacy group to build a new Canadian model based on best practices and success in Canada, the USA and EU.

OUR MISSION

Evaluate and Implement Proven Solutions from North American and the EU

01 Legislation and Governance

02 Composter Gate Keeping

03 Protect the Composter Profit Model

01 - LEGISLATION & GOVERNANCE

- ⑩ Ban... Organic to Landfill
- ⑩ Ban... Single Use Throwaway Plastics
- ⑩ Restrict the use of Compostable Plastics to the Food Chain Only
- ⑩ 2017 ~ King County WA

01 - LEGISLATION & GOVERNANCE

Only Compostable Bags can be Tinted Green or Brown

Green and Brown Plastic Bags*
(such as produce)



*Requirement is effective
July 1, 2017

NEW: Effective July 1, 2017, retail stores and services prohibited from providing customers with plastic bags (such as produce bags) that are tinted green or brown.

NEW: Allows stores to provide approved compostable bags for in-store use (such as produce), and they must be colored green or brown.

NEW: Bags may not be labeled "biodegradable," "degradable," or similar confusing terms.

01 - LEGISLATION & GOVERNANCE

- ⑩ Ban... Organic to Landfill
- ⑩ Ban... Single Use Throwaway Plastics
- ⑩ Restrict the use of Compostable Plastics to the Food Chain Only
- ⑩ 2017 ~ King County WA
- ⑩ 2019 ~ WA State passed the Compostable Labelling Legislation
- ⑩ California Assembly Bill AB 1972 prohibits a person from selling a plastic bag that is labeled as "compostable," "biodegradable," "degradable," unless it meets the ASTM Standard Specification D6400-04 for Compostable Plastics.

02 - COMPOSTER GATE KEEPER

Empowering Composters

- They are the Gatekeepers ~ they set and control the rules for their facility
- Tolerance for Contamination
- Authority to Reject
- The “Yes & No” items for Residential, Commercial, Institutions & Events

03 - COMPOSTING PROFIT MODEL

Regulate to Protect the Composter Profit Model

- Explore Regulatory RFP models that reward Compost Quality over Volume
- National Standard for Compost to be Free of Plastic & Micro-plastic by 2025
- 80% Reduction in use of Chemical Fertilizers, Herbicides and pesticides in Canada by 2030

**A Collaboration to Leverage the
Critical Role of Composters in
our Fight to Save Our Planet**

**Are we up to the Challenge?
Do we have your Support?
It's your Decision!**



CURBSIDE PROGRAM



GIBSONS CURBSIDE PROGRAM



A Collaborative Effort

- Town of Gibsons
- Composter
- Hauler
- ReCollect ~ Online Customer Support

An EcoSafe Turn-key Solution





CURBSIDE PROGRAM

Launched April 1st, 2018

- ✓ Weekly organics pickup
- ✓ First 6 weeks ~ full audit

2019 Updated - 6-Month period ~ April 1st - September



STANDARDS

- ZERO tolerance for visible contamination
- Source separated organic only
- Manual tipping / curbside inspection
- Yard waste ~ drop-off depots
- Gibsons Goal ~ ZERO organics to landfill



FOCUS ON RESIDENTS

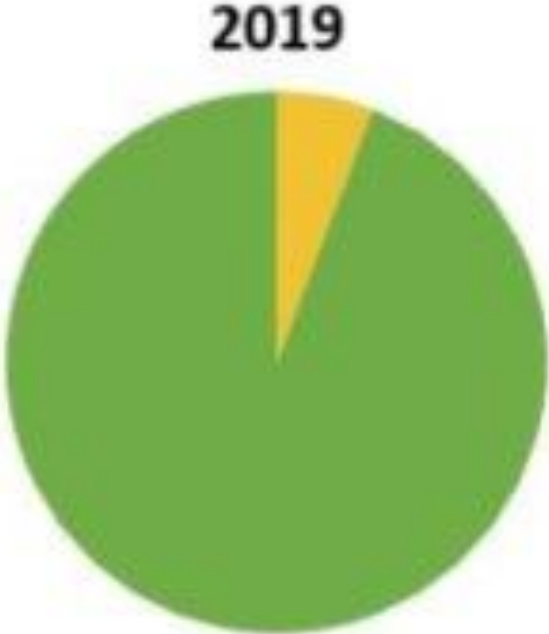
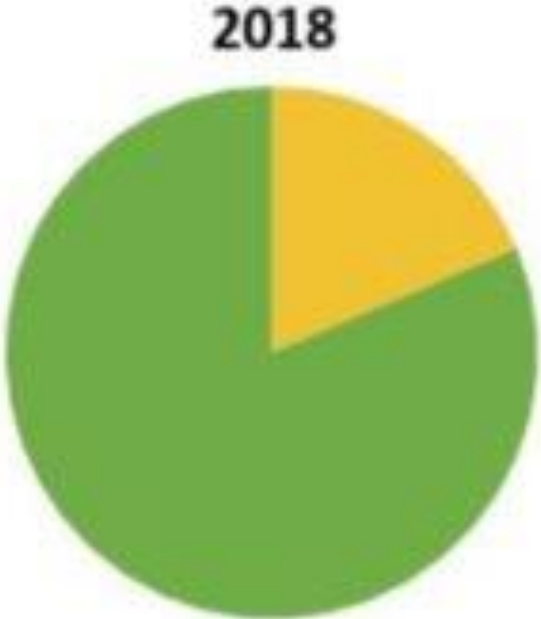
- Eliminate THE Yuck Factor and concern for odor and insects
- Provide 2, right-sized bins
 - 2 Gallon Kitchen Caddy
 - 6 Gallon EcoCaddy
- Resident communications
 - Pre-launch outreach campaign
 - 4-page handout
 - Graphical "yes" and "no" items

Immediate contamination feedback

"Start where we want to finish"

DIVERSION RESULTS

81% diversion
after 6-weeks
roll-out



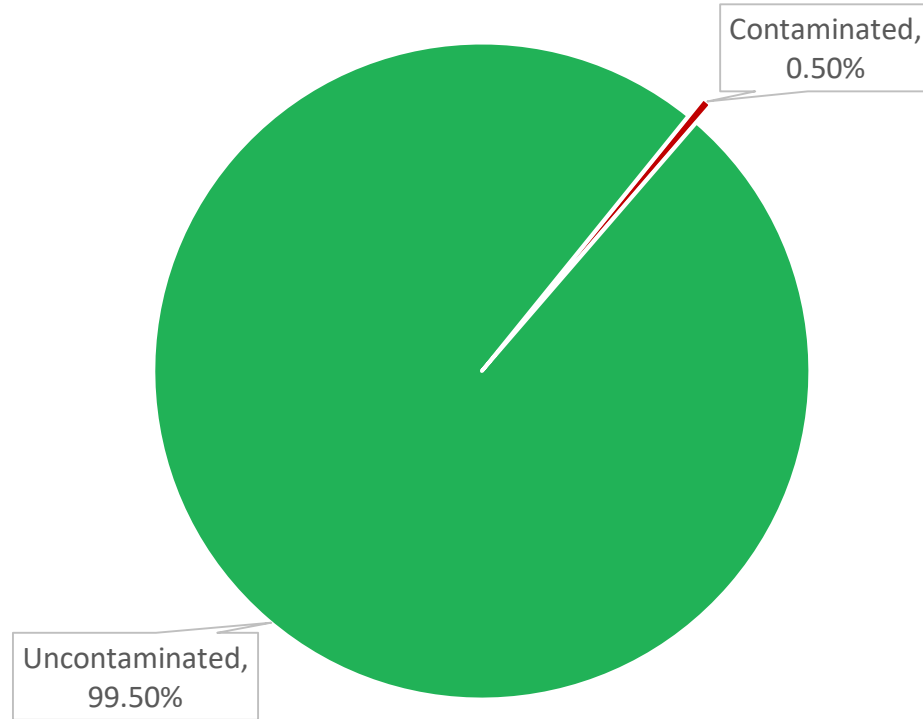
94% diversion,
4.71lbs per
household

Estimated household organics diverted

Average of only 1 call per 1,000 pick-ups

CONTAMINATION RESULTS

**< 1%
contamination**



**100%
clean bins**



COST ANALYSIS

Capital Cost

- \$20 per household

Total Startup Cost

- \$91 per household

Weekly Collection

- \$1.45 per household / week



CONCLUSION



IT'S NOT ROCKET SCIENCE

- Prioritize the issues of the waste generator
- Start where you want to finish
- ZERO tolerance for “Visible” contamination
- Give immediate feedback at the point of collection

THE PILES

TELL THE STORY

- Near ZERO visible pre-screen contamination
- Source Separated Organics
- Manual tipping
- Inspection at the point of Collection
- Immediate Feedback





**Making a meaningful difference
for the environment through strong profitable
partnerships that drive social change, using our
innovative zero waste solutions and industry leading
products.**



THANK YOU