

Calgary



Pet Waste in the Green Cart: How Calgary makes it work

Agenda

1. Calgary's Green cart program
2. Composting at the Calgary Composting Facility
3. Public education and outreach

Calgary's Green Cart Program

FOOD SCRAPS



Plate scrapings and leftovers



Meat, seafood and bones



Fruits and vegetables
Remove any stickers



Cooking oil, sauces and grease
Tip: Use a paper towel to soak up grease and put in compost too.



Eggshells and dairy



Bread, rice and noodles



Food dirty paper
• Paper plates • Paper towel
• Napkins • Used tissues



Coffee grounds and tea bags

YARD WASTE



Grass clippings



Leaves

PET WASTE



Pet waste
Collected in a certified compostable or paper bag.

Why include pet waste in the Green Cart program?

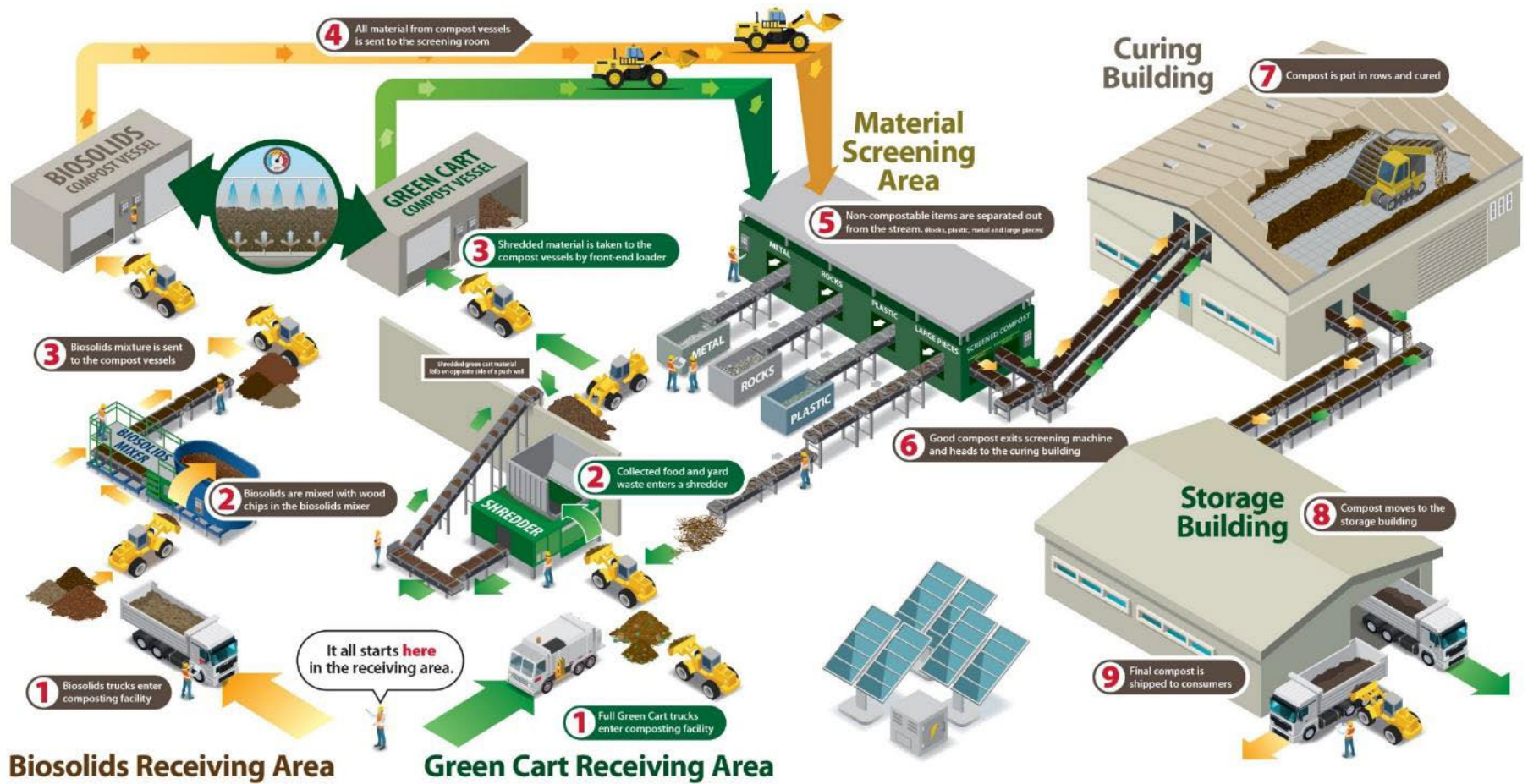


- Composting Facility capabilities
- Waste diversion potential
- Convenience

Calgary Composting Facility



Calgary Composting Facility



Calgary Composting Facility

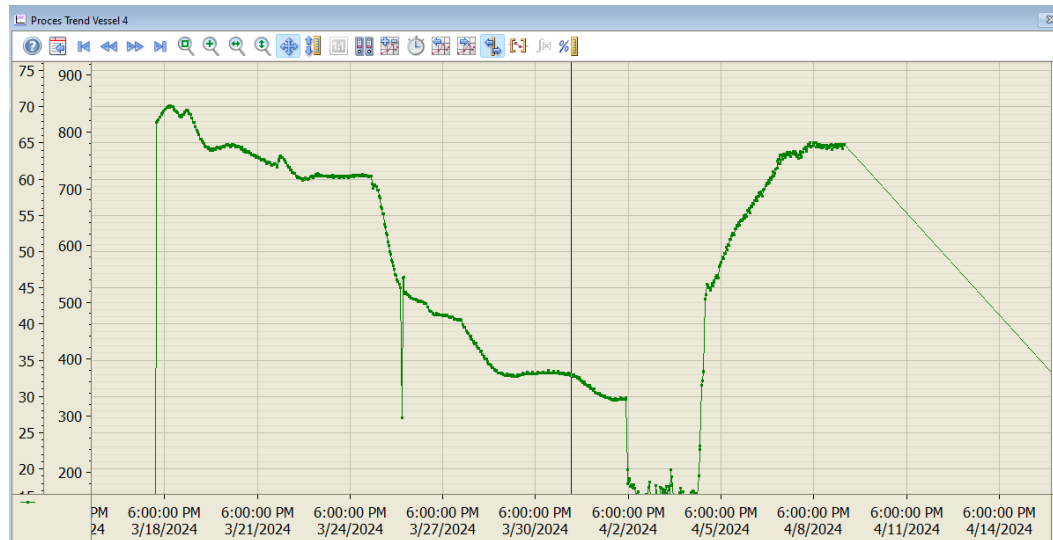
Key parameters managed in the various stages of the process include:

- Temperature
- Oxygen levels
- Moisture



Producing a safe product - Pathogen destruction

- The pasteurization phase of the composting process is the primary method for eliminating pathogens, ensuring their destruction and removal from the feedstock.
- To achieve pathogen destruction: **55+** degrees Celsius is maintained for a period of at least **72** hours
- SCADA system continually monitors and records all active vessels for pasteurization and records the vessel process phases.



Testing and certification

- Finished compost is tested at a certified lab for pathogens like fecal coliform and salmonella to ensure it meets CCME Category A standards.
- The composting facility produces Category A compost that is safe to use anywhere, including farms, gardens, parks and nurseries.



Ongoing challenges



- Pet waste bag confusion
 - Labelling
 - Greenwashing
 - Availability
- Public perception

Pet waste in off-leash parks pilot



Outreach efforts

Pet Waste Bag Campaign - Information for businesses

- Raised awareness about the importance of using certified compostable plastic bags for pet waste before placing it in the Green Cart.
- Visited over 250 pet stores and other retailers that sell pet waste bags to share promotional information to promote the use of “certified compostable bags” for pet waste cleanup.





Pet waste bag rolls – Distributed by Parks Ambassadors in off-leash parks

Use certified compostable pet waste bags in your green cart

Always look for the certified compostable logo.

calgary.ca/greencart

Biodegradable and plastic bags are NOT compostable

These bags do not break down and end up as small pieces of plastic that will contaminate the finished compost. **Keep plastic and biodegradable bags out of your green cart.**

Compost your pet waste

All pet waste must be bagged for the safety of your collector. Use a certified compostable bag (knotted closed) or paper bag (roll closed). Acceptable pet waste includes:

- Dog waste
- Kitty litter (all kinds)
- Animal bedding from pet cages
- Pet hair, fur and feathers

Pet waste can be composted

Calgary's composting process heats up to at least 55 °C over multiple days to kill off bacteria and pathogens. The finished compost is also lab-tested and certified.

Find out what can be composted and the right bags to use at **calgary.ca/greencart**

For multi-family residents

Check with your property manager to determine if pet waste is acceptable in your building's composting program.



THANK YOU

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