



Glass

GLASS RECYCLING

JUNE 11, 2014



Presentation Overview

1. Video of Glass Recycling
2. Guiding Policy
3. Local Data



Glass Recycling Video





Two Policy Paths for Glass Container

Bottle Bill-
1971
5c deposit

- Reverse Vending
- 99% G2G

Opportunity
to Recycle-
1983

- Curbside
- 50% G2G



Ideal System



NORTH AMERICAN GLASS CULLET MARKET



Reverse Vending



Bottle Drop-2105 West Broadway



Curbside Collection





EcoSort Storage







Current Action



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Plastic Bags

Recycling

Bold Steps Award Program

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Where to Recycle Construction Debris

Contact Information

Waste Prevention & Green Building

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Recycling and Solid Waste

Recycling and Solid Waste Programs in Eugene

The City of Eugene sets rates and standards for garbage, yard debris and recycling collection service inside the City limits. In addition, food scrap collection is offered for commercial customers.

- [Find a garbage hauler](#)
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- [Garbage rates](#)
- [Commercial food waste collection](#)
- [Recycling](#)

Love Food Not Waste Video



Compost Video-Recycling 101



Reuse It Video



Spotlight

Find out more about Thundercans:



To find out more about the Bold Steps Program, click [here](#).

Calendar

Wed, Jun. 18
Sustainability Commission Meeting

Sat, Jun. 21
Neighborhood Sharing Workshop

[View All](#)



Questions and Discussion

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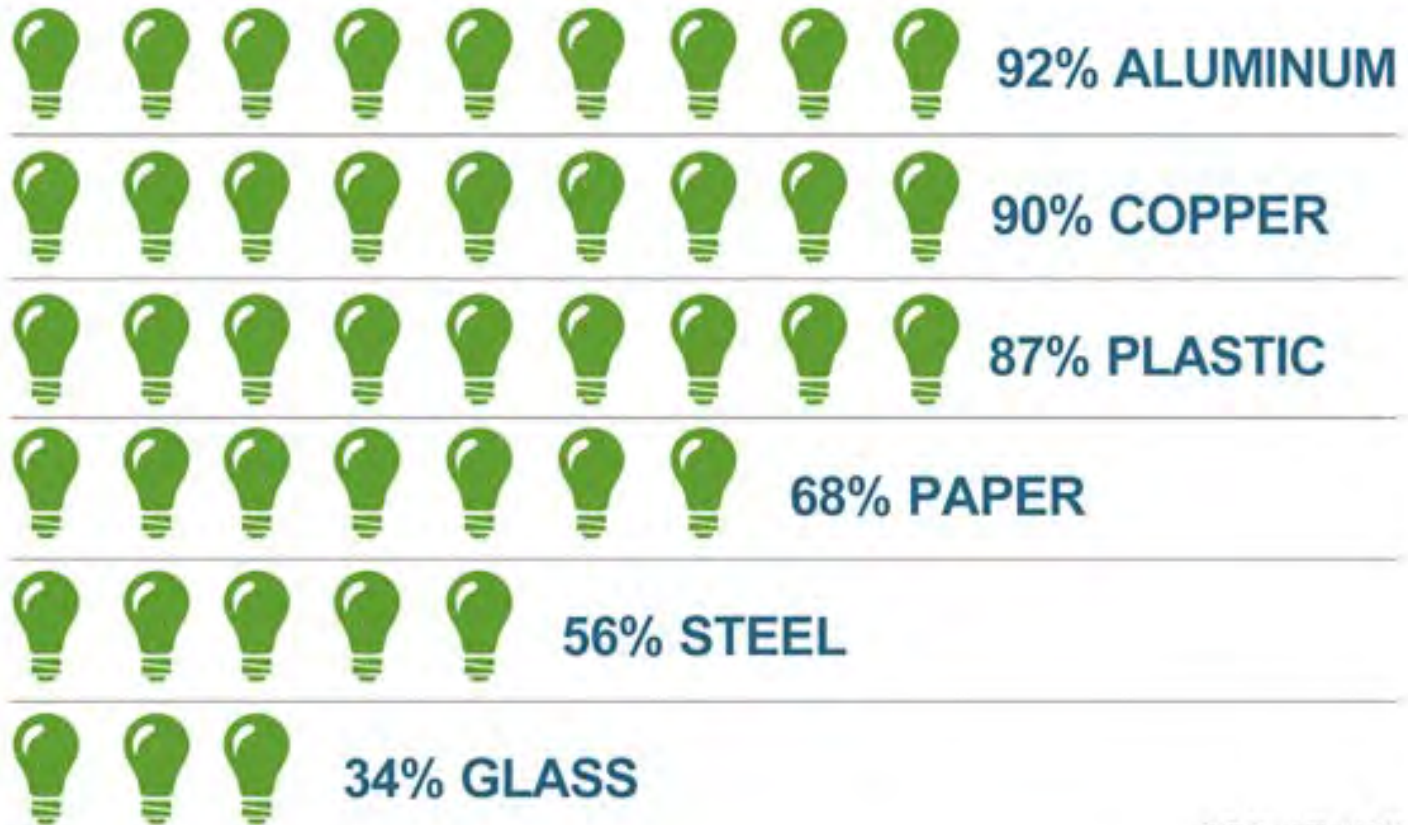
541-682-5224





Energy Saved

Recycled vs Virgin Material





Bottle Drop-West Eugene

Zone 1

- Fred Meyer- West 11th
- Albertson's- West 18th
- Safeway- East 18th
- Bi-Mart- West 18th
- Burns Apple- West 6th
- The Kiva- West 11th

Zone 2

- Trader Joe's- Oakway
- Bi-Mark- Royal Ave
- Bi-Mart- River Road
- Rite-Aid- Echo Hollow Rd.
- Rite-Aid- West 29th
- Natural Grocers-Coburg Rd.
- Capella Market- Willamette
- Safeway- East 40th



Oregon Bottle Bill



Mrs. Joe H. Rand talking with Governor Tom McCall at a February 2, 1970 demonstration by members of the Young Women's Christian Association against non-returnable bottles & cans.

OHS Library CH022687

OREGON'S LANDMARK LEGISLATION

Cleaner Oregon: 1971 Bottle Bill

House Bill 1036, passed in 1971, mandated a 5-cent deposit on all soft drink and beer bottles, redeemable on return. The legislation faced vigorous opposition from producers of beverages and grocery owners. Producers feared the surcharge would discourage purchases; store owners did not want to cope with returned containers. When the concept had been defeated in 1969, Governor Tom McCall dynamically endorsed revised legislation. As the 1971 legislature assembled, one member remarked: "the Bottle Bill was a train speeding down the tracks with everyone on board."

"The idea for Oregon's landmark bottle bill was hatched in the mind of Richard Chambers, a logging equipment salesman who couldn't abide the sight of litter on the state's trails and beaches."

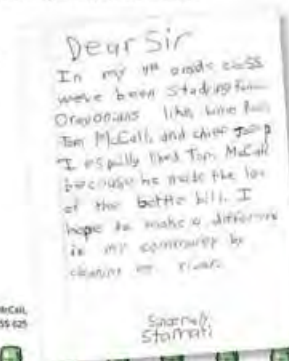
The Register-Guard
(Eugene, OR.), 2002



Tom McCall shows support for the Bottle Bill, *The Oregonian*, undated

John Piacentini, President of Plaid Pantry, a chain of neighborhood convenience stores, grasped the value of the proposed law. When he offered a half-cent refund on any beer or soda pop container, his stores were so overwhelmed with returns that the National Guard was called in to haul away the bottles and cans. The House voted 54 to 6 in favor of the bill. Offended by strong-arm opposition to the legislation, the Senate passed it with a vote of 22 to 8. Governor McCall signed this landmark legislation on July 2, 1971, and Oregon became a leader in national recycling.

Letter to Gov. McCall,
OHS Library MS5 625



Since passage of Oregon's container law of 1971, ten other states have adopted similar legislation. Oregon Senate Bill 707 in 2007 added water bottles to the refund and recycling program.



TOP LEFT: Political Cartoon, Carl Bonwill Collection, OHS Library, MS5 5337
TOP RIGHT: Political Advertisement, Opposition to Massachusetts Bottle Bill, undated OHS Library, MS5 625
MIDDLE: Political Advertisement, Support Washington Bottle Bill, undated, OHS Library MS5 625
BOTTOM: Plaid Pantry Advertisement, *The Oregonian*, April 1, 1971, microfilm copy

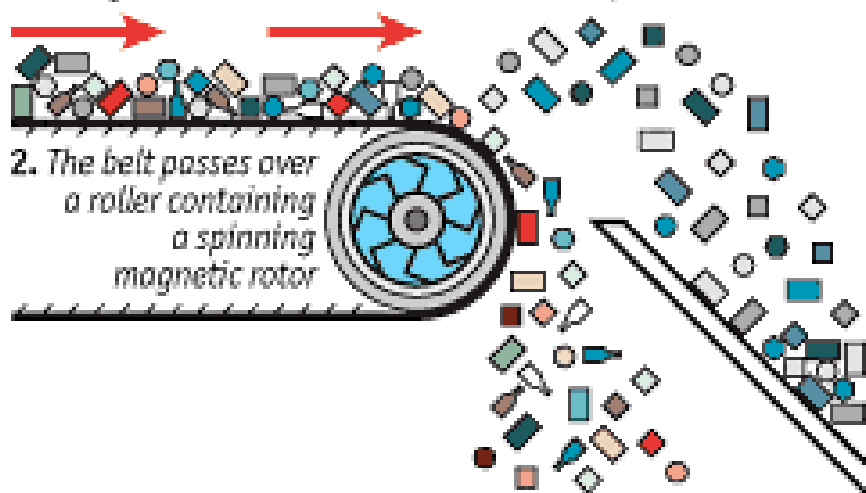
Green flingers

Eddy-current separator

1. A stream of waste material travels along a conveyor belt

2. The belt passes over a roller containing a spinning magnetic rotor

3. A secondary magnetic field is induced in metallic items, and magnetic repulsion pushes them clear of the waste stream

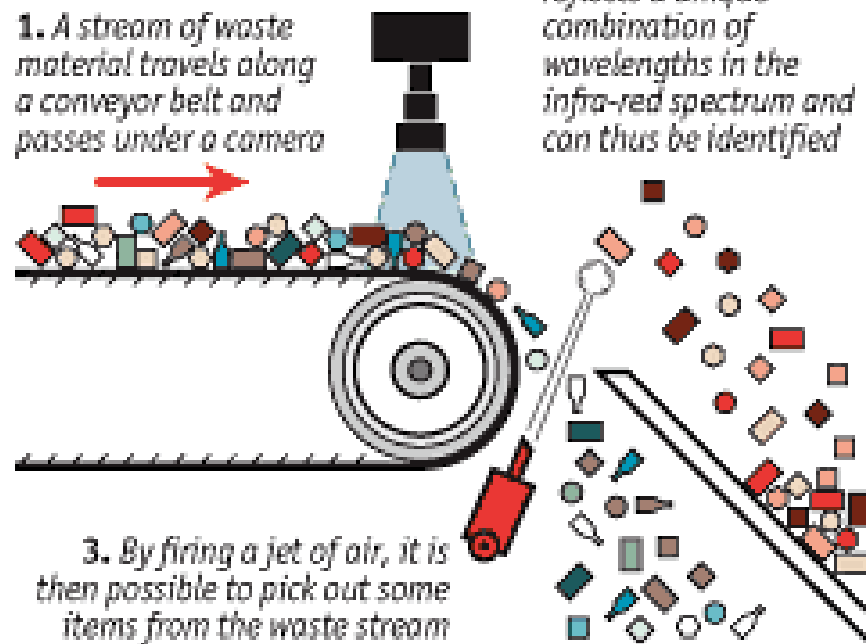


Spectroscopic sorter

1. A stream of waste material travels along a conveyor belt and passes under a camera

2. Each type of material reflects a unique combination of wavelengths in the infra-red spectrum and can thus be identified

3. By firing a jet of air, it is then possible to pick out some items from the waste stream



Sources: TiTech, *The Economist*



ORS 459A-Opportunity to Recycle-1983

- ❖ Established monthly curbside recycling programs, in cities with pops. over 4,000 and provide Education.
- ❖ Solid Waste hierarchy.
- ❖ Required Permitted Disposal Site Have a Recycling Depot.

Amended in 1991, 1997, and 2001





ORS 459A-Opportunity to Recycle

Recycling Act in 1991:

- ❖ Established Statewide Recovery Goals of 50% by the Year 2000.
- ❖ Established Wasteshed Recovery Goals.
- ❖ Established HHW Program.

Revised in 2000

- ❖ State Recovery Goal of 50% was Changed to 2009.
- ❖ Wasteshed Recovery Goals Changed

