



Organics Recycling Program 

City Council Briefing
Canby Disposal Company

Date: September 7, 2011



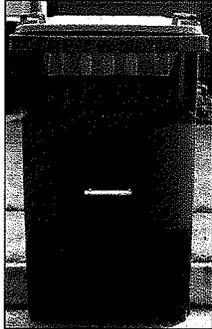
Tonight's Agenda

- ✦ A review of Canby's current organics recycling program
- ✦ Our proposal – a commercial food waste recycling program
 - 💡 How will the commercial program work?
 - 💡 How are food waste composting facilities regulated?
 - 💡 Where will the collected food waste go?
 - 💡 How much will the commercial program cost?
- ✦ Policy considerations re: food waste recycling



Canby's Current Organics Recycling Program

65 Gallon Cart



Program Highlights - 2010

- ✦ Current program limited to yard debris recycling
- ✦ 4,100 customers served
- ✦ Most commercial customers do not have yard debris
- ✦ Nearly 100% participation
- ✦ High levels of customer satisfaction
- ✦ 2,206 tons collected annually ... all composted
- ✦ Average monthly cost per customer = \$4.50
- ✦ All materials are composted locally at DEQ approved "Type 1 Organics" Composting Facility

The Commercial Program Proposal

- ✦ Program rollout on October 1, 2011
- ✦ Target customers:
 - 💡 Restaurants
 - 💡 Institutions with foodservice operations (schools, hospitals, etc.)
 - 💡 Grocery stores
- ✦ Provide each participating customer with leak-proof containers
- ✦ Pickups will be tailored to each participating customer's needs
- ✦ Rates will be at 95% of the current commercial solid waste collection rates



How the Program Will Work

- ✿ The program will be voluntary, and designed to be a complimentary service for targeted commercial customers
- ✿ The source separated food waste will be collected and transported to NW Portland (Metro's Central Transfer Station), and reloaded into transfer trailers.
- ✿ The transfer trailers will then be directed to a new "Type 3" composting facility; hopefully local, but not guaranteed
- ✿ The finished compost will be sold into the agriculture markets as a soil amendment



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How is Food Waste Composting Facilities are Regulated?

- ✿ Oregon DEQ regulates compost facilities based on the following criteria (OAR 340-093-0030 (38) (a)(b)(c)):
- ✿ **Type 1** facility - pose a low level of risk from hazardous substances, physical contaminants and human pathogens
- ✿ **Type 2** facility - pose a low level of risk from hazardous substances and physical contaminants and a higher level of risk from human pathogens compared to type 1 feedstock
- ✿ **Type 3** facility - pose a low level of risk from hazardous substances and a higher level of risk from physical contaminants and human pathogens compared to type 1 and 2 feedstocks



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Where Would the Food Waste Go?

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Nature's Needs (Recology)-North Plains <http://www.naturesneeds.com/>
 Type 3 application submitted to DEQ
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NW Greenlands (Recology)-McMinnville
<http://www.westernoregonwaste.com/greenlands/>
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Pacific Region Composting (Allied)-Corvallis
<http://www.pacificregioncompost.com/Pages/Home.aspx>
- 
Compost Oregon (Recology)-Aumsville <http://www.compostoregon.com/>
- 
Several "Pending" DEQ Applications <http://www.deq.state.or.us/lq/sw/compost/>



How Much Will the Program Cost?

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 Participating customers will be charged 95% of the corresponding fee for solid waste collection services based on the following unit disposal cost comparisons:

<i>Current unit cost of solid waste disposal - \$/ton</i>	\$ 85.85
<i>Projected unit cost of food waste disposal - \$/ton:</i>	
Collection and transport to the Metro Central transfer station	\$ 9.00
Metro Central reload and handling charge	15.00
Transportation to Aumsville, Oregon	17.50
Tipping fee at Recology's Aumsville compost facility	40.00
Total projected food waste disposal fee	\$ 81.50
<i>Projected food waste disposal fee as a percentage of the current solid waste disposal fee</i>	95%



Policy Considerations

Policy Issue	Pro	Con
Customers will have to be educated and trained on program changes	Can be a positive	Will require work
The commercial program will let us gain experience for the potential future roll out of a residential program	✓	
May lose the benefit of composting locally		✓
Program costs are unknown, and not many Type 3 facilities are currently permitted and sited	Could lead to lower overall costs	✓
Reduce the Canby's carbon footprint	✓	
Reduce amount of Canby solid waste sent to landfills	✓	



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- ## Questions/Next Steps
- ✿ What we need from the City to proceed
 - ✿ Preliminary schedule for program rollout
 - ✿ Expected outcomes
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