


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**

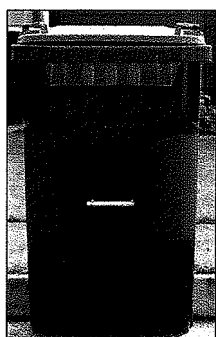


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Canby's Current Organics Recycling Program

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

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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



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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?

- ✱ Nature's Needs (Recology)-North Plains <http://www.naturesneeds.com/>
 ? Type 3 application submitted to DEQ
- ✱ NW Greenlands (Recology)-McMinnville
<http://www.westernoregonwaste.com/greenlands/>
- ✱ 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/>



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How Much Will the Program Cost?

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

Current unit cost of solid waste disposal - \$/ton \$ 85.85

Projected unit cost of food waste disposal - \$/ton:

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

Projected food waste disposal fee as a percentage of the current solid waste disposal fee 95%



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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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