



Solid Waste Roadmap

Food Scraps Processing Capacity Project: Part 1

Metro Solid Waste Advisory Committee Meeting
June 11, 2014



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Today's Meeting

1. Provide context and background.
2. Describe project approach and schedule.
3. Prepare SWAC members for July's in-depth discussion.

Solid Waste Roadmap: Food Scraps Processing Capacity Project

What actions should Metro take to ensure there is adequate and proximate capacity to transfer and process food scraps collected from the region's businesses and residents?



Project Objective

To develop a number of alternatives for increasing food scraps processing capacity that will be provided to Council for consideration.



Regional context

- The Regional Solid Waste Management Plan (RSWMP) identifies food scraps as one of the region's priority targets for additional recovery.
- The region lacks processing capacity for accommodating growth in the supply of food scraps.

DISPOSED

206,000 tons food scraps
disposed per year in the
region (2009-10)¹

Commercial

Approximately 55%
(113,000 tons/year)

Residential

Approximately 45%
(93,000 tons/year)

CURRENTLY RECOVERED

Commercial = ~28,000 tons/year
Residential = ~5,500 tons/year*
(*mixed with 79,500 tons of yard debris)

Early Initiatives

Pilot Projects

Infrastructure Development Grants

Cooperative Procurement with Portland

Processing Capacity Grants

RFP and Contract with Cedar Grove

Wastewater Treatment Plants

Facility Siting Efforts

Metro's Contract with Cedar Grove

Allowed for the establishment of food scraps program in the region:

- Critical role of Metro Central Station.
- Launch of Portland's program.
- Other jurisdictions launch pilots.
- Reinforced need for stable, local system.

Recent and Current System

- Region was well-positioned in 2010 for stability and processing system growth.
- Today the system is not adequate to take us into the future.



Questions so far?



Estimated Commercial Capacity Gaps

Low program expansion
32,000 tons/year total

Medium program expansion
38,000 tons/year total
(8,000 tons/year gap)

High program expansion
52,000 tons/year total
(22,000 tons/year gap)

Very high program expansion
66,000 tons/year total
(36,000 tons/year gap)

Capacity Project Goals

Identify alternatives that would increase available food scraps processing capacity for the region by a minimum of 50,000-75,000 tons per year.

Identify a broad range of alternatives for roles Metro could play in increasing the region's food scraps processing capacity within the next 1-7 years.

Overview of Project Scope

Phase 1: Identify and assess alternatives for increasing processing capacity.

- Devise and implement an alternatives development, evaluation and screening approach.
- Refine the top five alternatives narrow alternatives to three.

Overview of Project Scope

Phase 2: In-depth analysis of a select set of alternatives (if directed to do so by Metro Council.)



Schedule

July 9: Next SWAC meeting

October 16: Discussion with Councilors
Harrington and Stacey

October 28: Council Work Session

Next SWAC Meeting

Review preliminary alternatives and consider:

- Appropriate government role(s)
- Fatal flaws
- Policy implications

Questions?

