



METRO

600 NE Grand Ave.
Portland, OR 97232-2736

MINUTES OF THE METRO SOLID WASTE AND RECYCLING COMMITTEE (SWAC) MEETING

Metro Regional Center, Room 370

Thursday, April 26, 2007

Members / Alternates Present:

Councilor Kathryn Harrington
Mike Hoglund
Judy Crockett
Glenn Zimmerman
Lori Stole
Jeff Murray
Janet Malloch

Dean Kampfer
Ray Phelps
Rick Winterhalter
Dave White
Anita Largent
Eric Merrill
Paul Edwards

Dave Garten
Mike Miller
Audrey O'Brien
Matt Korot
Theresa Koppang
John Lucini
Wade Lange

Guests and Metro staff:

Janet Matthews
Brad Botkin
Steve Apotheker
Jeff Gage
Lee Barrett
Scott Klag

Roy Brower
Easton Cross
Meg Lynch
Leslie Kochen
Matt Tracy

Heidi Rahn
Jennifer Erickson
Bryce Jacobson
Marta McGuire
Gina Cubbon

I. Call to Order and Announcements.....Councilor Kathryn Harrington

- Councilor Harrington opened the meeting at 10:00 a.m.; attendees introduced themselves.
- Approval of minutes: No changes or corrections were requested. Matt Korot of the City of Gresham moved to accept the minutes as written; Dave Garten seconded the motion; the Committee voted unanimously to approve.

II. Solid Waste & Recycling Director's Update.....Mike Hoglund

- Mike Hoglund reported that the Regulatory Affairs Division imposed a penalty on Avila Drywall; the settlement has been approved by Metro Council. The penalty - for unpaid fees and penalties, and taking regional waste for disposal outside the region – was reduced when the company provided documentation to show that some of the waste was actually generated outside the Metro region.
- The MRF (materials recovery facilities) standards and administrative procedures / application materials are complete. After being signed by the COO, they will be sent to all solid waste facilities in the region, as well as posted on Metro's website.
- Enhanced Dry Waste Recovery Program (EDWRP): Mr. Hoglund reviewed an updated timeline for the program.

He and staff presented the program at a recent MPAC (Metropolitan Planning Advisory Committee, which advises Metro Council regarding growth management and planning issues) because it will impact land use and / or citizens. MPAC was in general support, though there were some concerns about how it will affect Lakeside Landfill, and Waste Management's expansion to become a MRF

as well as a landfill. Work on those issues will continue through June. (MPAC had no quorum the day of the presentation, so no vote was taken, Councilor Harrington added.) Mr. Hoglund will report back to MPAC as meetings with Washington County facilities continue.

A June 21 Council hearing is scheduled; a vote is possible at that time. Discussions of a potential disposal surcharge will continue through March 2008, with possible implementation sometime in 2009.

III. Annual Waste Reduction Plan (Year 18) Meg Lynch

Waste Reduction Manager Meg Lynch introduced this item; the Plan summary was included in the agenda packet, and a link given to the entire document. The Plan is brought before SWAC each year, Ms. Lynch explained; the program provides residents and businesses with programs and helps work towards the regional goals set out in the RSWMP and state law. Highlights and changes were shown in a PowerPoint presentation (attached).

Ms. Lynch opened the floor for questions and comments. Ashforth Pacific's Wade Lange suggested that recycling statistics for businesses might be tracked more accurately by contacting the private companies many of them use for recycling collection (paper / fiber, in particular). Collecting information just from the haulers who pick up cans, bottles, plastic, etc. misses a large portion of what some businesses recycle. The group discussed the merits of this; the City of Portland's Judy Crockett pointed out the difficulty in tracking / policing what jurisdiction loads come from because the collector crosses jurisdictional lines throughout the day. The City does get a lot of that data from the larger private collectors.

Eric Merrill of Waste Connections reiterated what he said was an opinion he's voiced each year, that the programs should be judged on efficiency: "...the amount of recycling divided by the amount it costs to generate these additional items." He quoted himself from a 2006 SWAC meeting on the subject. Clackamas County's Rick Winterhalter responded that it's a public good. Ms. Lynch acknowledged the difficulty in measuring performance data in the region's unique solid waste recovery system.

After further clarifying questions, Councilor Harrington asked if the members present would like to recommend forwarding the Plan to Council. The members present voted unanimously in favor of Mr. Winterhalter's motion.

IV. Options for Increasing Business Recycling Marta McGuire, Heidi Rahn

Heidi Rahn of the Waste Reduction & Outreach Division introduced herself and coworker Marta McGuire. She explained that they would be doing presentations at the next two SWAC meetings, as well, to inform the Committee about possible ways to help increase recycling from businesses. Paper recovery from the commercial sector is currently about 70%, she said, but the rate is far less for other recyclables such as containers (bottles, cans, etc.). There are stable markets for these targeted recyclables, yet participation is lower than desired. Ms. Rahn's PowerPoint presentation is attached.

Ms. McGuire continued the agenda item with another PowerPoint (also attached). Businesses, she explained, hold the greatest potential for helping reach the recovery goal of 64%. Development of various strategies is ongoing, with the help of local governments and stakeholder workgroups. Options being considered include mandatory recycling, which has been extremely successful in cities around the country. Local jurisdictions, however, prefer a 90% recovery standard.

Questions were taken after the dual presentations. Ms. McGuire said that haulers would not be expected to do inspections; new Metro employees or contractors would be hired for that portion of the program. Staff are hoping that after all the options are laid out, SWAC will recommend one or more be forwarded to Metro

Council. Dean Kampfer of Waste Management suggested that the same benchmarks used in a mandatory program could be in the 90% standard option. ORRA's Dave White recommended that businesses that recycle at high levels might be rewarded with a plaque, sign, or stickers saying something to the effect of "We Recycle ____." This might help create a peer pressure climate, encouraging the public to frequent those businesses.

Discussion continued. Mr. Korot commented that since the City of Portland implemented a mandatory recycling program for businesses, they're maintaining about a 90% rate. The City of Gresham, without that type of program, recycles only around 60%. While Portland does a great job with outreach as well, it's worth considering whether the mandatory program has been instrumental.

Councilor Harrington said that, having seen some of the educational presentations for businesses, she finds them to be lacking information about how businesses can recycle without either increasing costs or decreasing efficiency. She'll be relying on SWAC to help put together a useful option, and will be looking at the criteria being used for each option presented.

Ms. McGuire said that the next steps will be to present program comparisons and criteria, as well as looking at individual jurisdictions. She asked the members to email questions they'd like to see answered in the next two meetings, adding that staff hopes to email the next presentation prior to the May meeting.

V. Final Comments on RSWMP Internal Review DraftJanet Matthews

Ms. Matthews reported that she had received some written comments regarding the current RSWMP draft; they have been very helpful, and will be forwarded to the full committee. She asked for any "stop the presses" comments before the upcoming public comment period begins. Staff are aware of some RSWMP issues that need further analysis; these portions will not yet be included in the public comment period.

Handing out charts depicting information from 2002 DEQ waste composition data, Ms. Matthews said that because of operational changes and programs that are still in development, staff are concerned that the 64% goal may not be reached by 2009. Chapter 2 of the draft RSWMP will likely be reworked in that regard before being released for public comment. The handouts, she said, illustrate what is needed. Staff suggests more work needs to be done to reflect likely results, shown on page two of the handout.

Jeff Murray of Far West Fibers voiced concerns that he and Mr. Korot have discussed about "clean" MRFs. What happens if MRFs handling mixed materials (as opposed to the source-separated recyclables clean MRFs accept) fail to do a good job? They feel that government, perhaps Metro, should have the option to decide it should be handled by public facilities rather than private. Mr. Korot explained that he is uncomfortable taking that option off the table for the 10-year period the RSWMP will cover. The policy should state that if market conditions warrant it, Metro or local governments should be able to process the materials. Ms. Matthews said that idea could certainly be discussed at a future SWAC meeting.

Mr. Murray also commented that state statute exempts clean MRFs from regulation. Metro has no authority, he said, contradicting page 20 of the draft Plan, which mentions Metro having the authority to inspect those facilities. The MRFs work with Metro voluntarily. Councilor Harrington responded that it's important the Plan reflect that accurately.

Further comments included audience member Jeff Gage, who said he'd like to see new initiatives mentioned in the Plan. The industry and markets are in place, he said, and should be recognized (mentioning food waste in particular).

The next step, Ms. Matthews concluded, will be to go through the written comments and produce a rewrite of the draft in the next three weeks. Highlights of the draft Plan and the public involvement process will be presented at a Council work session on May 22; the public comment period will run for six weeks (June 1-July

17, 2007). SWAC will have the opportunity to forward a recommendation to Council at their August meeting; Council will likely vote on it September 18. Staff will determine when they can talk to MPAC about RSWMP and EDWRP.

VI. Other Business and Adjourn..... Councilor Harrington

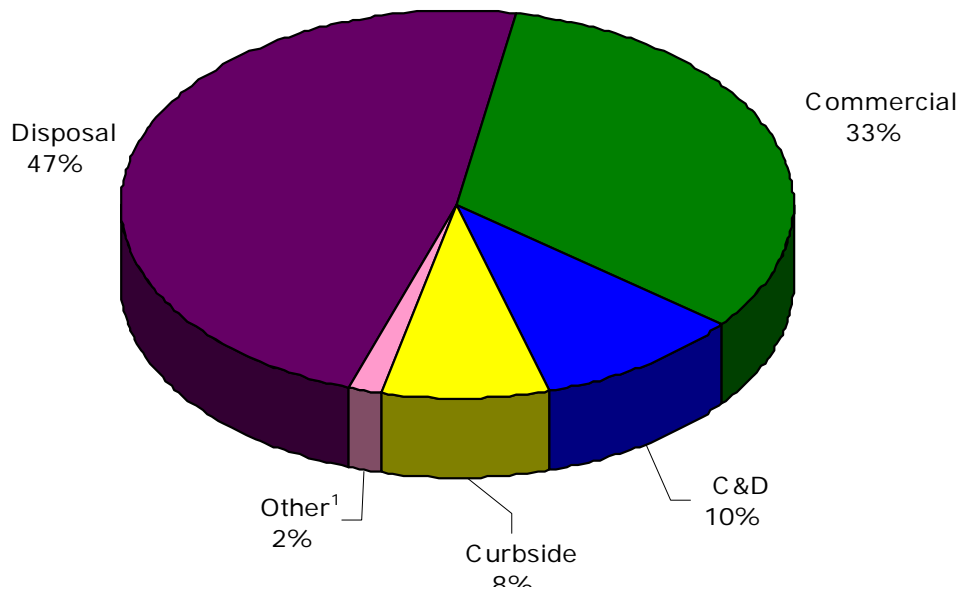
The Councilor adjourned the meeting at 11:59 a.m.

Prepared by:

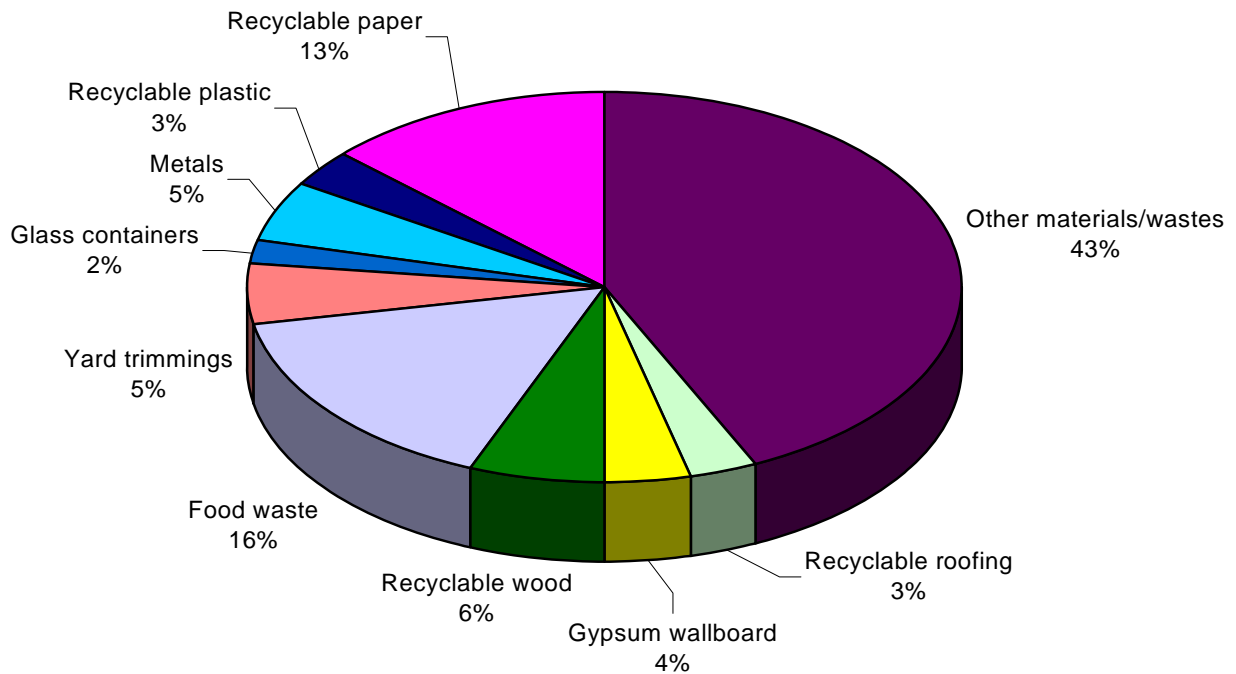
Gina Cubbon
Administrative Secretary
Metro Solid Waste & Recycling Department

gbc
Attachments: Annual Waste Reduction Plan (Year 18) presentation
Increased Business Recycling presentation
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Queue

Recycled and disposed amounts

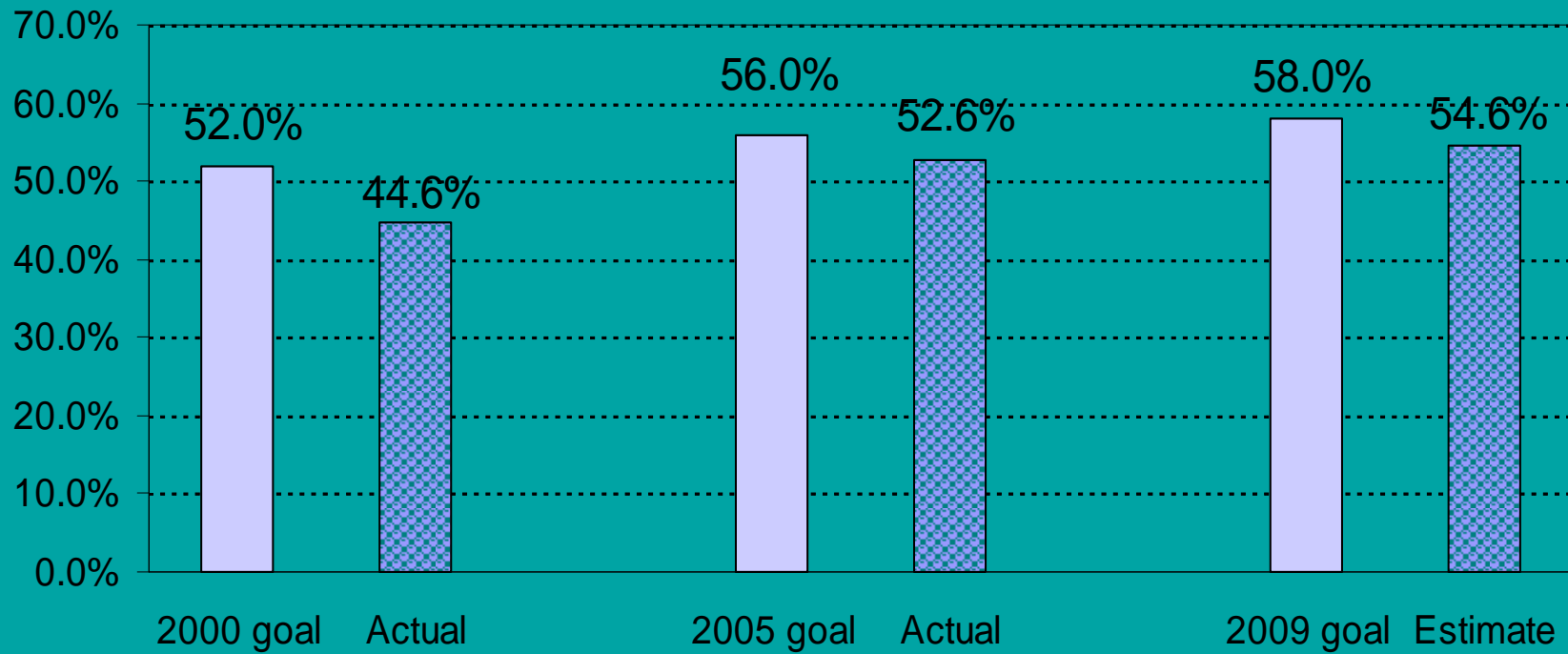


Aggregate composition of disposed waste, including residential, commercial, industrial and construction demolition



2002 DEQ waste composition data

Progress Toward Regional Recovery Goals*



**Does not include 6% Waste Prevention Credits*

POTENTIAL GROWTH SCENARIOS FOR RECOVERY FROM NEW PROGRAMS

	Growth*	New (target)	Total	High Recovery	Likely Recovery		
Organics	0	34,000	34,000	Food waste compost facility in region & operational by 1-1-09 Portland adds organics to residential curbside YD collection Portland commercial and the rest of the region increases significantly	34,000 No food waste composting facility in region before 2009; No Portland residential organics Portland, Gresham, and other jurisdictions have modest increases in commercial food waste collection. <i>shortfall</i>	15,000 <i>(19,000)</i>	
C&D	40,000	42,000	82,000	EDWRP passes and implemented by 1/01/09: Hillsboro MRF is on line 1/01/09 and is getting 25% recovery No unprocessed wastes go to Lakeside; tons go to other facilities that recover at 25%	42,000 EDWRP passes and by 1/01/09: Hillsboro MRF on line 7/1/09, gets 25% recovery Lakeside pays additional "tax" on waste received; 50% of flow goes to other facilities that recover at 25% <i>shortfall</i>	12,000 <i>(30,000)</i>	
Business	45,000	80,000	125,000	Region-wide mandatory business recycling program passes Programs implemented by 7/01/08	80,000 Business Standards ordinance passes, jurisdictions' new programs fully implemented before 1/1/09 Recycle at Work staff access to businesses improves <i>shortfall</i>	35,000 <i>(45,000)</i>	
Multi-family	1,000	5,000	6,000	New containers for MF and outreach programs both in place before 1/1/09	5,000 New containers for MF and outreach programs both in place before 1/1/09 <i>shortfall</i>	5,000 0	
Curbside	13,000	18,000	31,000	By 1/1/09 all jurisdictions moved to weekly collection with roll carts (glass on side, contamination stays below 10%)	18,000 Roll cart switch over is slower than anticipated and/or some jurisdictions move to every other week collection, contamination is an issue <i>shortfall</i>	10,000 <i>(8,000)</i>	
Other	91,000	8,000	99,000	Strong market for carpet E-scrap legislation passes Metal prices remain stable	8,000 Carpet market weakens E-scrap legislation passes Metal prices remain stable <i>shortfall</i>	6,000 <i>(2,000)</i>	
Recovery	190,000	187,000	377,000	New recovery	187,000	New recovery <i>shortfall</i>	83,000 <i>(104,000)</i>
				Recovery	1,779,000	Recovery	1,675,000
				Disposal	1,288,000	Disposal	1,392,000
				Generation	3,067,000	Generation	3,067,000
				Recovery Rate	58.0%	Recovery Rate	54.6%
				Waste Prevention Credits	6.0%	Waste Prevention Credits	6.0%
				Total Metro WR Rate	64.0%	Total Metro WR Rate	60.6%

*Metro will continue annual outreach campaigns for business and residential curbside to ensure that current programs grow with increased population.

What is this Program?

- In place since 1990.
- Cooperative Metro/local government plans to implement the RSWMP.
- Developed and reviewed annually.



Why?

- Offers a coordinated, consistent approach.
- Increases efficiency, reduces duplication.
- Provides residents and businesses with relatively seamless programs.
- Presents a unified effort to reach state goals.



Plan Format

1. Regional Program Areas
 - Multifamily (\$130,000)
 - Building Industry (\$198,000)
 - Business (\$950,000)
 - Organics (\$245,000)



Plan Format

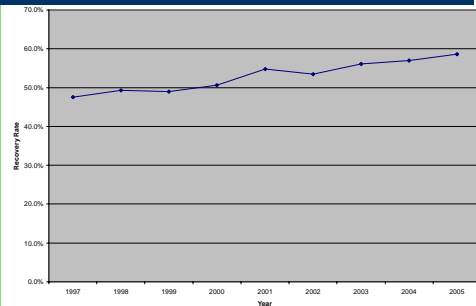
2. Maintenance of Existing Programs
 - Per-capita allocations (\$675,584)
 - \$0.43 per citizen per year



How Are We Doing?

- 2005: 59% Recovery Rate.
- Up from 57% in 2004.
- Recovery increased but fell 91,000 tons short of region's 62% goal.
- Residential up, yard debris down.
- Organics down.
- Wood and roofing up.
- Scrap metal way up.
- Business paper from haulers up, but overall business recovery of paper down.

Regional Waste Reduction Rate 1997-2005



Other Impacts

- Paper recycling saved the equivalent of 8 million trees, or 8 Forest Parks.
- Energy savings from recycling and energy recovery equal 18 trillion Btu, enough to power 171,000 households per year.
 - Greenhouse gas reductions from recycling equal 589,000 metric tons of carbon equivalents, or 444,000 fewer cars on the road for a year.

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Recycle at Work
from Metro and your local governments

Increased Business Recycling
Regional Solid Waste Advisory Committee

Presenters: Heidi Rahn and Marta McGuire

10:00 a.m. to 12:00 p.m.
April 26, 2007
Metro Council Chambers, Metro

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Discussion Outline

- **April Meeting:** Background and Proposed Programs
- **May Meeting:** Current Recovery and Program Details
- **June Meeting:** Review and Vote

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Agenda

- The targets
- Business waste stream
- Current system
- The problem
- Process for developing new strategies
- Proposed programs

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Target generators:

- More than 50,000 businesses, institutions and public agencies.

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Target materials:

- Cardboard, mixed paper and mixed containers (glass, plastic bottles and aluminum cans).

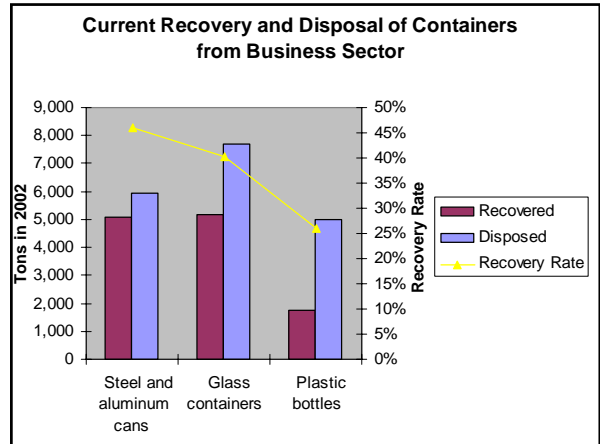
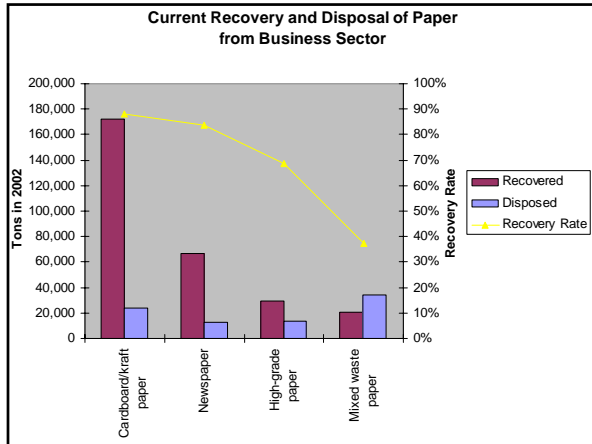


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The business waste stream:

- More than 44% of the region's total disposed waste.
- Approximately 25% of the garbage businesses throw away is fully recyclable paper and containers.
- 17% anticipated increase of recyclable paper and containers generation by 2009.



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The current system:

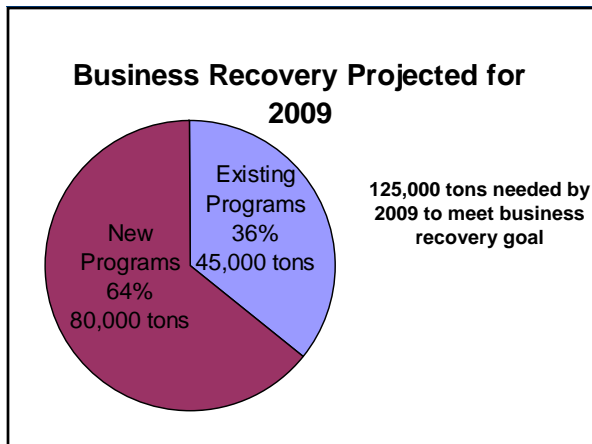
- Access to recycling service
- Free education, technical assistance and resources
- Plenty of processing capacity
- Stable material markets

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The problem:

- Disposing of recyclables
- Lack of participation & capture



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Waste Reduction Goal:

In order to reach the 64 percent regional waste reduction goal, the region must achieve a 90 percent recovery level for paper and containers from the business sector.

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New strategy development:

- RSWMP Contingency Plan Work Group, August- December 2003
- Local Government Meetings, February 2004
- Metro Policy Advisory Committee, March 2004
- Council Liaison Briefing, May 2004
- RSWMP Contingency Plan Resolution, May 2004
- "Let's Talk Recycling" Business Outreach, August-November 2004
- Waste Reduction Program Cost Work Group, December 2005
- Waste Reduction Program Comparison, January-December 2005
- New Program Development & Analysis, January 2006-present
- Commercial Baseline Evaluation, January-May 2007

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Proposed programs:

- Regional Mandatory Program
- Request Environmental Quality Commission (EQC) Action
- 90% Business Recycling Standard

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Mandatory Recycling Program:

- Paper and containers must be separated for recycling.
- No more than 10% of recyclable materials in garbage.
- Education, technical assistance and tagging to precede enforcement.
- Random business inspections.
- Violations subject to recycling specialist referral.
- \$100k to support increased education.
- Annual evaluation.

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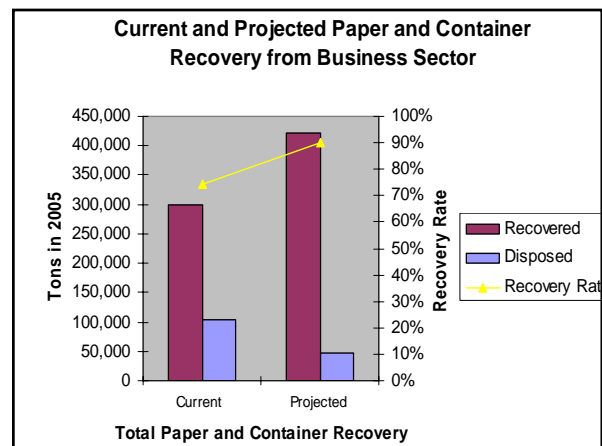
Request EQC Action:

- ORS 459A.065
- Determine if mandatory recycling is necessary.
- Mandate the program in the tri-county watershed.

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90% Business Recycling Standard:

- Recovery standard set for paper and container recycling.
- Baseline evaluation data to determine additional recovery needed by jurisdiction.
- BMPs provided to LGs
- \$100k to support new or enhanced programs.
- Formal review annually.





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Questions?