

# A G E N D A

600 NORTHEAST GRAND AVENUE PORTLAND, OREGON 97232-2736  
TEL 503-797-1700 FAX 503-797-1797



METRO

**MEETING:** REGIONAL SOLID WASTE ADVISORY COMMITTEE (SWAC)

**DATE:** Thursday, February 28, 2008

**TIME:** 10:00 a.m. to noon

**PLACE:** Council Chambers, 600 NE Grand Avenue, Portland

- 5 mins.    **I. Call to Order**..... **David Bragdon**  
*Introductions and announcements*  
*Approval of minutes\**
- 5 mins.    **II. Director's Update**..... **Mike Hoglund**
- 110 mins. **III. Sustainable Operations brainstorming\***..... **All**  
*SWAC subgroups will be asked to generate ideas to advance 23 Sustainable Operations objectives. Participants will assist the Sustainable Operations Work Group to create a more sustainable solid waste & recycling system. (See attachment for further details.)*
- 5 mins.    **IV. Other business and adjourn**..... **David Bragdon**

\*Denotes material included in the meeting packet

All times listed on this agenda are approximate. Items may not be considered in the exact order listed.

Chair: Council President David Bragdon  
(503-797-1889)

Staff: Janet Matthews  
(503-797-1826)

Committee Clerk: Gina Cubbon  
(503-797-1645)

**ATTACHMENT**  
**SWAC Agenda Item I**  
**February 28, 2008**

**Regional Solid Waste Advisory Committee (SWAC)**  
**January 31, 2008 Meeting Summary**



**METRO**

600 NE Grand Ave.  
Portland, OR 97232-2736

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

Metro Regional Center, Council Chambers  
Thursday, January 31, 2008

**Members / Alternates Present:**

David Bragdon, Chair	Scott Keller	Anita Largent
Mike Hogleund	Audrey O'Brien	Dave White
Glenn Zimmerman	Matt Korot	Steve Schwab
Lori Stole	Bruce Walker	Mike Miller
Paul Edwards	Rick Winterhalter	Jeff Murray
Janet Malloch	JoAnn Herrigel	Susan Steward
Mike Leichner	Dean Kampfer	John Lucini
Dave Garten	Theresa Koppang	

**Guests and Metro staff:**

Janet Matthews	Larry Harvey	Patty Unfred
Pat Vernon	Roy Brower	Matt Tracy
Segeni Mungai	Jeff Gage	Marv Fjordbeck
Jim Watkins	Paul Ehinger	Chris Thomas
Wendy Fisher	Jennifer Erickson	Susan Moore
Dan O'Dell	Ann Wawrukiewicz	Julie Cash
Kathryn Harrington	Scott Klag	Gina Cubbon
Steve Kraten		

**I. Call to Order..... Council President David Bragdon**

- Council President David Bragdon, who is chairing the Committee this year, called the meeting to order at 10 a.m. He noted that this will be a year of important decisions regarding the transport contract, waste allocation, and that SWAC's help and participation will be an integral part of the process.
- Following introductions, the minutes were approved as submitted.

**II. Director's Update ..... Mike Hogleund**

- Mr. Hogleund reported that the Request for Proposals for Solid Waste Transport has been released. Proposals are due in mid-March, and staff expects to hear from a variety of rail, barge, and trucking companies. The final version, he continued, weighed the four criteria as follows:
  1. Cost = 45 points
  2. Operations / Risk = 25 points
  3. Environmental Impact = 20 points
  4. Socio-economic Impacts = 10 points

An inter-agency evaluation team will evaluate proposals and make a recommendation to the Chief Operating Officer by April or May; a negotiated contract is anticipated by late summer. The new contract will become effective January 1, 2010.

- Approval of the RSWMP has been delayed pending development of a companion ordinance by the Office of Metro Attorney. Local governments are asked to take a look at the Ordinance when it is released; Council will consider it sometime in March.
- The Rate Review Committee’s first meeting is scheduled for Thursday, February 28. Councilor Bragdon will be chairing the RRC this year. The group will be looking at cost allocations and discussing the predictability of the rate path in light of challenges such as the transport contract, bond retirement, diesel retrofit and tonnage allocations. The Committee will look at rate paths to 2020 and offer advice to Metro Council regarding management of potential paths. The group will also recommend a tip fee for Metro transfer stations.
- The Solid Waste & Recycling Year in Review report has been completed, copies were provided to SWAC members. The report will also be available on Metro’s website.

Before moving to the next agenda item, Councilor Bragdon mentioned that local jurisdictions have been contacted to set up briefings regarding the Business Recycling program. He also announced that a trip to the Columbia Ridge Landfill is being planned for sometime in the coming spring. If any members are interested in going, please let staff know.

**III. Member Orientation ..... Janet Matthews et al**

Janet Matthews and Mr. Hoglund briefly went over the orientation packet (attached).

Several staff then introduced future SWAC agenda items:

- Annual Waste Reduction Program: Jennifer Erickson (Waste Reduction & Outreach Division) outlined this program, in which Metro and local governments have partnered since 1990. The program is a key implementation tool for the RSWMP, she explained, and helps ensure compliance with state law. It provides local governments with per-capita allocations to help support and maintain existing waste reduction programs, thereby freeing-up local government resources for new programs. The plan template is developed annually and brought before SWAC and Council each spring; local jurisdictions' reports of the previous year's activities are due to Metro August 1.
- Organics: After ten years working towards an organics composting program for the region, a contract with Cedar Grove was executed in 2005, Ms. Erickson said. Approximately tons of food waste and soiled paper are composted in Mount Vernon, Washington each year, as Cedar Grove works to find a local site. Roughly 300 Portland businesses participate in the City’s compost program, the only jurisdiction that currently has a permanent program in place. There are also several large business generators outside Portland who direct food waste to the program. A capital grant program is available to help defray the cost to businesses who would like to start their own organics program.
- Business Recycling Program: Ms. Matthews reported for Marta McGuire. In 2007, SWAC considered two business recycling options: 1) a non-regulatory, local “standards” approach, or 2) a regional mandatory program. Council ultimately directed staff to move ahead with developing a mandatory ordinance and seek feedback from local elected officials and business groups. SWAC will review the proposed program over the course of two meetings in the spring, and will make a recommendation to Council.
- Self-Haul Study: Paul Ehinger (Engineering & Environmental Services Division) reported that nearly 25% of waste taken to regional transfer stations is from individuals, clean-up businesses, and construction companies. A study is being conducted to look into the reasons people self-haul, the operating costs associated with the practice, and other trends. Results will be presented to SWAC in March.

- Sustainable Operations Work Group: Matt Tracy (Office of the Director) detailed the charge of this group, which will identify implementation strategies for the sustainability goals and objectives outlined in Chapter 5 of the RSWMP. The work plan the group is developing will be discussed at SWAC later this year.
- Enhanced Dry Waste Recovery Program (EDWRP): Roy Brower (Regulatory Affairs Division) reviewed that EDWRP requires all mixed, dry solid waste loads within the region to be taken to a materials recovery facility (MRF) prior to landfilling. SWAC will be updated on the program’s progress, and on related new MRF standards that are being implemented.
- Landfill Standards Report: Mr. Brower explained that during the EDWRP discussion with Council last year, there was considerable discussion about how these new requirements would and could be imposed on the landfills closest to the Metro boundary (Lakeside and Hillsboro). Several councilors asked staff to evaluate the landfills currently accepting Metro-generated dry waste and whether that waste was appropriately going to the most protective landfills available. Staff is preparing an analysis of these landfills and will provide the Council with that analysis and policy options for consideration in April. SWAC will be briefed on the findings.
- E-Waste: Scott Klag (Waste Reduction & Outreach Division) informed the group that House Bill 2626 has assigned responsibility to manufacturers for providing a recycling system for their electronic products, or pay into a fund for state-approved contractors to handle the items by July 2009. The DEQ is currently creating guidelines for manufacturers. As the system develops, haulers and sites will see how they will be affected. Staff will report to SWAC in September.
- Disaster Debris Management Mr. Klag reported that a contractor is currently looking at the operations aspects of disaster debris management, developing estimates of debris amounts that could be expected in various areas and possible collection sites. A draft plan has been completed and is being reviewed; SWAC will be updated in March.
- Diesel Retrofit Program: Jim Watkins (Engineering & Environmental Services Division) reviewed this item, which SWAC discussed at several meetings in 2007. The program would install emission control devices on the region’s collection fleet to reduce particulate matter in the environment. SWAC recommended Metro take the lead in the retrofit effort by using the best-available technology to install the devices, and finance it through the Regional System Fee or consider using reserves. The Committee did not feel that local governments should be required to implement an accelerated vehicle replacement program. An “add package” has been requested in the budget and will be presented to Council. If the package is approved, a Request for Proposals (RFP) will be issued to solicit a contractor to manage and execute the program. SWAC will be updated in July.
- Long-term RSWMP Goals: Ms. Matthews explained that the only date-certain goal within the Plan is the regional recovery goal (64% by 2009), set in state statute. Many interested parties have asked Metro to go further; a SWAC subcommittee will be formed this fall to examine long-term RSWMP goals with an eye towards possible amendments to the Plan in 2009.
- Solid Waste & Recycling Strategic Plan: The Department’s plan was last updated in 2005, Ms. Matthews reported. When the RSWMP update is complete, staff will turn to reviewing and revising the Department’s Strategic Plan, reporting and discussing items with SWAC throughout the process.

**IV. Draft Compost Regulations..... Pat Vernon**

Pat Vernon of the Oregon Department of Environmental Quality (DEQ) informed the group that compost rules were originally developed in 1996, with the understanding that composting facilities are, ultimately, disposal sites and pose similar threats to health and the environment. Composting facilities are currently regulated by one of three types of permits, which she detailed. Four divisions within the current rules are being amended, as shown in the attached Power Point presentation.

Facilities will be required to apply for their appropriate permits within 90 days of the rules' effective date. An associated stormwater runoff permit has also been developed; this has been a missing piece of the compost regulatory puzzle, Ms. Vernon explained.

For more information on the proposed rules, see the DEQ's website:  
[www.deq.state.or.us/lq/sw/sompost/rulemaking.htm](http://www.deq.state.or.us/lq/sw/sompost/rulemaking.htm)

In answer to questions from the membership, Ms. Vernon said that composting facilities will have up to two years to fully comply with the revised rules. The DEQ doesn't, however, anticipate the changes will cause much upheaval. The impact on rate-payers' collection fees could range anywhere from three to 45 cents per month; tip fees are expected to increase as little as \$1 or as much as \$9.

**V. Other Business and Adjourn.....David Bragdon**

The City of Portland's Bruce Walker announced the launch of a BEST (Businesses for an Environmentally Sustainable Tomorrow) Resource Center, which will supply sustainability assistance to businesses.

With no further announcements nor new business, Councilor Bragdon adjourned the meeting at 11:50 a.m.

Prepared by:

Gina Cubbon  
Administrative Secretary  
Metro Solid Waste & Recycling Department

gbc  
Attachments: Member Orientation Packet  
DEQ Draft Compost Regulations (PowerPoint)  
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# SWAC ORIENTATION AGENDA

Thursday January 31, 2008

## I. Overview

*Janet Matthews*

## II. Background information

*Janet Matthews and Mike Hogleund*

- SWAC's role
- Metro's organizational structure
- Solid waste roles and responsibilities in the region
- Solid Waste & Recycling Dept. programs, budget, performance
- "Tip fee" components and cost allocations

## III. Review of 2008 SWAC topics

### A. Discussion and recommendation

- Waste allocation *Mike Hogleund*
- Annual waste reduction plan, Organics processing infrastructure *Jennifer Erickson*
- Business recycling requirements *Marta McGuire*
- Self-haul services *Paul Ehinger*
- Sustainable Operations project (08/09 workplan) *Matt Tracy*

### B. Informational updates

- EDWRP implementation, MRF standards implementation, *Roy Brower*
- Landfill standards report *Scott Klag*
- State E-waste program, Disaster debris operations plan *Jim Watkins*
- Diesel retrofit program implementation *Janet Matthews*
- Long-term goals for RSWMP, SW&R strategic plan



METRO

### Solid Waste Advisory Committee

Members and Alternates	Affiliation and address	Date Appt.	Phone	Fax and e-mail
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#### Committee Chair

David Bragdon, Chair	Metro Council President	01/08	503-797-1889	797-1793 <a href="mailto:bragdond@metro.dst.or.us">bragdond@metro.dst.or.us</a>
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#### Recycling Industry Representatives (3)

##### FACILITIES

Jeff Murray, Member	Far West Fibers PO Box 1139 Hillsboro, OR 97123-1139	11/02	503-643-9944 503-314-5057	503-646-2975 <a href="mailto:jmurray@farwestfibers.com">jmurray@farwestfibers.com</a>
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Andy Kahut, Alternate	KB Recycling, Inc. PO Box 550 Canby, OR 97013-0550	11/02	503-659-7004 503-266-7903	503-659-2107 <a href="mailto:akahut@aol.com">akahut@aol.com</a>
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##### COMPOSTERS

Glenn Zimmerman, Member	Compost Oregon PO Box 934 Aumsville, OR 97325-1136	11/02	503-849-6093	503-749-2667 <a href="mailto:gmzimmerman@hotmail.com">gmzimmerman@hotmail.com</a>
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Wendy Fisher, Alternate	3630 NE 22nd Avenue Portland, OR 97212	02/05	503-310-2516	<a href="mailto:wendyf@emeraldnw.com">wendyf@emeraldnw.com</a>
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##### END-USERS

John Lucini, Member	SP Newsprint Company 16810 SE 120th Avenue Clackamas, Or 97015	02/00	503-537-5420	503-431-6112 <a href="mailto:john.lucini@spnewsprint.com">john.lucini@spnewsprint.com</a>
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Janet Malloch, Alternate	Blue Heron Paper Co. 419 Main Street Oregon City, OR 97045	05/06	503-650-4267	<a href="mailto:jmalloch@blueheronpaper.com">jmalloch@blueheronpaper.com</a>
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#### Hauling Industry Representatives (4)

##### CLACKAMAS COUNTY

Steve Schwab, Member	Sunset Garbage Collection 9035 SE Henderson Portland, OR 97266	11/02	503-774-4122	503-788-0170 <a href="mailto:sgesteve@qwest.net">sgesteve@qwest.net</a>
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Mike Borg, Alternate	Oak Grove Disposal PO Box 22214 Milwaukie, OR 97269-2214	11/02	503-654-6118	503-786-2837 <a href="mailto:carolynflint@hotmail.com">carolynflint@hotmail.com</a>
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##### MULTNOMAH COUNTY

Members and Alternates	Affiliation and address	Date Appt.	Phone	Fax and e-mail
Mike Miller, Member	Gresham Sanitary Service PO Box 1560 Gresham, OR 97030	11/02	503-665-2424	503-666-0917 <a href="mailto:mike@greshamsanitary.com">mike@greshamsanitary.com</a>
Bryan Engleson, Alternate	Eastside Recycling PO Box 301369 Portland, OR 97294-9369	11/02	503-261-7300	503-255-7731
<b>Hauling Industry, cont.</b>				
WASHINGTON COUNTY				
Mike Leichner, Member	Pride Disposal PO Box 820 Sherwood, OR 97140	11/02	503-625-6177	503-625-6179 <a href="mailto:mike@pridedisposal.com">mike@pridedisposal.com</a>
Charles Marshall, Alternate	Executive Director WA County Haulers Assoc. 15135 NW Perimeter Dr. Beaverton, OR 97006-5413	11/02	503-645-2366	503-531-8763 <a href="mailto:CRMgt@aol.com">CRMgt@aol.com</a>
AT-LARGE				
David White, Member	OR Refuse & Recycling, Assn 1739 NW 156th Beaverton, OR 97006	11/02	503-690-3143	503-536-6708 <a href="mailto:davidw@orra.net">davidw@orra.net</a>
Brian Heiberg, Alternate	Heiberg Garbage PO Box 22069 Portland, OR 97269-2069	11/02	503-794-8212	503-794-7100 <a href="mailto:recycwaste@cs.com">recycwaste@cs.com</a>

### Disposal Site Representatives (3)

Dean Kampfer, Member	Community and Municipal Marketing Manager Waste Management, Inc. 7227 NE 55th Av. Portland, OR 97076	11/02	503-493-7831	503-493-7824 <a href="mailto:dkampfer@wm.com">dkampfer@wm.com</a>
Adam Winston, Alternate	Waste Management 7227 NE 55TH AVE Portland, OR 97218	01/06	503-493-7858	503-493-7883 <a href="mailto:awinston@wm.com">awinston@wm.com</a>
Ralph Gilbert, Member	East County Recycling PO Box 20096 Portland, OR 97294	11/02	503-253-0867	503-253-1902 <a href="mailto:ecr@ecrrecycling.com">ecr@ecrrecycling.com</a>
Vince Gilbert, Alternate	East County Recycling PO Box 20096 Portland, OR 97294	11/02	503-253-0867	503-253-1902 <a href="mailto:vince@ecrrecycling.com">vince@ecrrecycling.com</a>
Todd Irvine, Member	WRI 10295 SW Ridder Rd Wilsonville, OR 97070	01/06	503-570-0626 x228	503-570-0523 <a href="mailto:tirvine@awin.com">tirvine@awin.com</a>
Ray Phelps, Alternate	WRI/Allied Waste Industries 10295 SW Ridder Rd. Wilsonville, OR 97070	4/04	503-570-0626 x231 Cell 503-784- 3516	503-570-0523 <a href="mailto:ray.phelps@awin.com">ray.phelps@awin.com</a>

Members and Alternates	Affiliation and address	Date Appt.	Phone	Fax and e-mail
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**Rate-payer Representatives (6)**

CLACKAMAS COUNTY CITIZENS

Vacant

MULTNOMAH COUNTY CITIZENS

David E. Garten	3609 SW 38th Avenue Portland, OR 97221	04/05	503-327-4278 503-223-8865	<a href="mailto:daveoutside@alum.mit.edu">daveoutside@alum.mit.edu</a>
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BUSINESSES

Susan Steward, Member	Executive Director BOMA Portland 200 SW Market, Suite 1710 Portland, Oregon 97201	9/07	503/228-9214	503/223-1659 fax <a href="mailto:susan@bomaportland.org">susan@bomaportland.org</a>
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Tom Badrick, Member	Legacy Health System 1015 NW 22nd Ave Portland, OR 97210	05/03	503-413-6066	503-413-8100 <a href="mailto:tbadrick@lhs.org">tbadrick@lhs.org</a>
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Vacant

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**Government Representatives (6)**

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Rick Winterhalter, Member	Clackamas County Dept. of Transportation & Development 9101 Sunnybrook Blvd. Clackamas, OR 97015	04/98	503-353-4466	503-353-4453 <a href="mailto:Rickw@co.clackamas.or.us">Rickw@co.clackamas.or.us</a>
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Susan Ziolko, Alternate	Clackamas County Dept. of Transportation & Development 9101 Sunnybrook Blvd. Clackamas, OR 97015		503-353-4455	503-353-4453 <a href="mailto:susanz@co.clackamas.or.us">susanz@co.clackamas.or.us</a>
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CLACKAMAS COUNTY CITIES

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Vacant, Alternate				
<b>Government Representatives, cont.</b>				
<b>CITY OF PORTLAND</b>				
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<b>WASHINGTON COUNTY</b>				
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Kathy Folsom, Alternate	Washington County 155 N First Ave Ste 170 Hillsboro, OR 97124	08/07	503 846-2817	503-846-4490 <a href="mailto:kathy_folsom@co.washington.or.us">kathy_folsom@co.washington.or.us</a>
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### Non-voting Members

DEQ Audrey O'Brien, Member	DEQ Solid Waste Policy & Program Development 2020 SW 4th Avenue Portland, OR 97201	09/28	503-229-5072	503-229-5072 <a href="mailto:obrien.audrey@deq.state.or.us">obrien.audrey@deq.state.or.us</a>
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<b>CSU</b>				
Dennis Gronquist, Member	Terminal Manager CSU PO Box 40 Arlington, OR 978112	07/98	541-454-2797	541-454-2185 <a href="mailto:pointer@gorge.net">pointer@gorge.net</a>

## Staff

Janet Matthews	Metro Solid Waste & Recycling Department 600 NE Grand Av. Portland, OR 97232-2736		503-797-1826	503-797-1795 <a href="mailto:matthewsj@metro.dst.or.us">matthewsj@metro.dst.or.us</a>
Susan Moore	Metro Solid Waste & Recycling Department 600 NE Grand Av. Portland, OR 97232-2736		503-797-1643	503-797-1795 <a href="mailto:moores@metro.dst.or.us">moores@metro.dst.or.us</a>

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## Metro’s Solid Waste Obligations, Authorizations and Constraints Under State Law and the Metro Code.

Metro has obligations, authorizations and constraints related to solid waste management for the wasteshed. The following state laws and Metro Code chapters guide regional policy and programs.

- Oregon Revised Statutes (ORS) Chapter 459 covers solid waste management administration roles, disposal sites, hazardous waste management, enforcement and penalties.
- ORS 459A covers reuse and recycling programs and requirements in the state.
- Oregon Administrative Rules (OAR) Chapter 340 sets out implementation standards, reporting requirements, recovery rate requirements, recovery rate calculation methods, etc. This chapter also covers rules governing waste disposal, facility permitting, landfill operation and closure requirements.
- Title V of the Metro Code covers facility regulation, fees and other solid waste related programs.

### Obligations:

ORS 459.055	Prepare and adopt a waste reduction program
ORS 459.250	Provide recycling collection at transfer stations
ORS 459.268	Landfill closure requirements
ORS 459.340	Implement the program required by 459.055
ORS 459.345	EQC monitoring and reporting requirements
ORS 459.413(1)	Establish permanent HHW depots
ORS 459.413(2)	Encourage use of HHW collection
ORS 459A.010	Recovery rates, required program elements and reporting
ORS 459A.050	Recycling and facility reporting to DEQ
ORS 459A.750	School curriculum and teacher’s guide components
OAR Chapter 340, Divisions 90, 93 & 94	Implementation standards, reporting requirements, disposal rules, landfill operation

### Authorizations:

ORS 268.317(1)-(2)&(8)	Authority to own and operate solid waste facilities
ORS 268.317(3)-(4)	Flow control authority
ORS 268.317(5)-(7) & 268.318	Solid waste regulatory authority
ORS 268.390	Functional planning authority
ORS 459.095	Local government compliance with RSWMP
ORS 459.290	Rehabilitation & Enhancement committees & programs

Constraints:

ORS 459.263(3) & 459A.110	State fees levied on Metro in lieu of landfill
ORS 459.284	Restrictions on use of Rehabilitation & Enhancement fees
ORS 459.335	Restriction on use of solid waste fees
ORS 459A.085	Cities and counties authority to regulate collection

Metro Code, Title V:

Chapter 5.01	Solid Waste Facility Regulation
Chapter 5.02	Disposal Charges and User Fees
Chapter 5.03	Disposal Site Franchise Fees
Chapter 5.05	Solid Waste Flow Control
Chapter 5.06	Community Enhancement Programs
Chapter 5.07	Recycling Credits
Chapter 5.09	Illegal Dumping

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## 2.19.130 Metro Solid Waste Advisory Committee (SWAC)

(a) Purpose. The purpose of the Metro Solid Waste Advisory Committee (SWAC) is to:

- (1) Evaluate policy options and present policy recommendations to the Metro Council and Chief Operating Officer regarding regional solid waste management and planning.
- (2) Advise Metro on the implementation of existing solid waste plans and policies.
- (3) Provide recommendations concerning the solid waste planning process, to ensure adequate consideration of regional values such as land use, economic development, and other social, economic and environmental factors.
- (4) Provide recommendations on compliance with the Regional Solid Waste Management Plan and applicable state requirements.
- (5) Provide recommendations on alternative solid waste policies and practices developed by subcommittees of the SWAC.
- (6) Recommend needs and opportunities to involve citizens in solid waste issues.
- (7) Recommend measures to build regional consensus for the management of solid waste.

(b) Membership. Members are categorized as follows:

<u>(1) Regular Voting Members:</u>		
Chair (Metro)		1
Recycling Interests:		3
Facilities	(1)	
Composters	(1)	
Recycler/advocate	(1)	
Hauling Industry:		4
County Areas	(3)	
At-Large	(1)	
Disposal Sites:		3
Undesignated		
Citizen-Ratepayers		6
Citizens	(3)	
Business	(3)	
Governments:		6
Cities	(4)	
Counties	(2)	
	Total	23
<u>(2) Non-Voting Members:</u>		
Metro Solid Waste & Recycling Director		1
Department of Environmental Quality		1
Clark County, Washington		1
Clark County Hauler		1
<u>(3) Associate Members:</u>		
Additional associate members without a vote may serve on the Committee at the pleasure of the Committee		

(c) Appointment of Members.

- (1) Candidates for the representative of recycling facilities shall be solicited from the processing industry and appointed by the Council President. Candidates for the representative of composting facilities shall be solicited from the composting industry and appointed by the Council President.

Metro shall solicit candidates for the remaining recycling representative from recycling industries, environmental advocates and other business and civic groups. Candidates for the remaining recycling representative may also submit their names directly to the Council President. The remaining recycling representative shall be appointed by the Council President.

- (2) Solid Waste Hauling Industry candidates shall be solicited from the hauling industry and appointed by the Council President. Solid Waste Hauling Industry representatives shall include one from each of the three Counties, plus one representing the region at large.
- (3) Disposal Site candidates shall be solicited from the disposal industry and appointed by the Council President.
- (4) A pool of candidates for the citizen representatives shall be nominated by the participating jurisdictions, SWAC members, and by civic and business groups. Candidates may also submit their names directly to the Council President. The Council President shall appoint one citizen member from each of the three Counties, as available.
- (5) A pool of candidates for the business representatives shall be nominated by business groups, the participating jurisdictions, and SWAC members. Candidates may also submit their names directly to the Council President. The Council President shall appoint three business members, as available.
- (6) The representative from the City of Portland shall be appointed by the Mayor of Portland.
- (7) Representatives of Cities within a County shall be appointed by consensus of those Cities.
- (8) Representatives from the Counties shall be appointed by the Chairperson of the County Board.

(d) Appointment Of Alternate Members. Alternate members shall be specifically named for recycling, the solid waste hauling industry,

disposal site, and government positions and shall be appointed in the same manner as regular members. Alternates can vote in the absence of the regular Committee member and have full rights and responsibilities of the Committee member in his/her absence. Upon resignation of an Advisory Committee member, a new member shall be appointed in accordance with the appointment of regular members' section of the bylaws.

(e) Appointment Of Non-Voting Members. Non-voting members may be named by the non-voting agency represented.

(f) Membership.

- (1) Terms of Office. The Council President may review the status of the Committee Membership every four (4) years and appoint new members as needed.
- (2) Attendance. It is expected that members will be present and participate at all regular meetings. Members who are absent from four or more regular meetings in one calendar year may be asked by the Council President or Committee Chair to resign. Industry, facility and government representatives who send alternates to attend in their absence will be counted as present.
- (3) Restriction on Representation by One Company. No more than one regular voting member of the Committee may be employed by the same company.

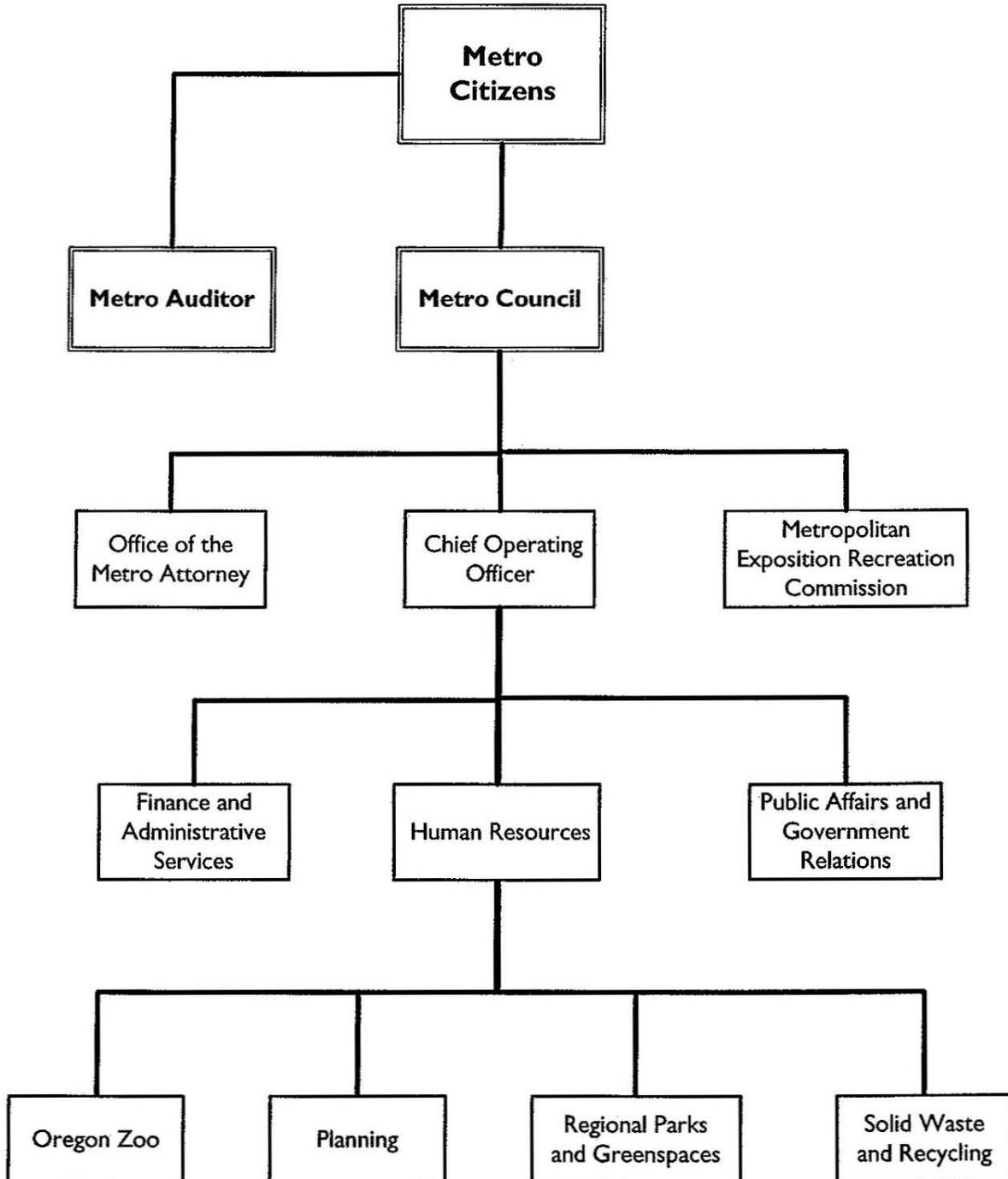
(g) Officers.

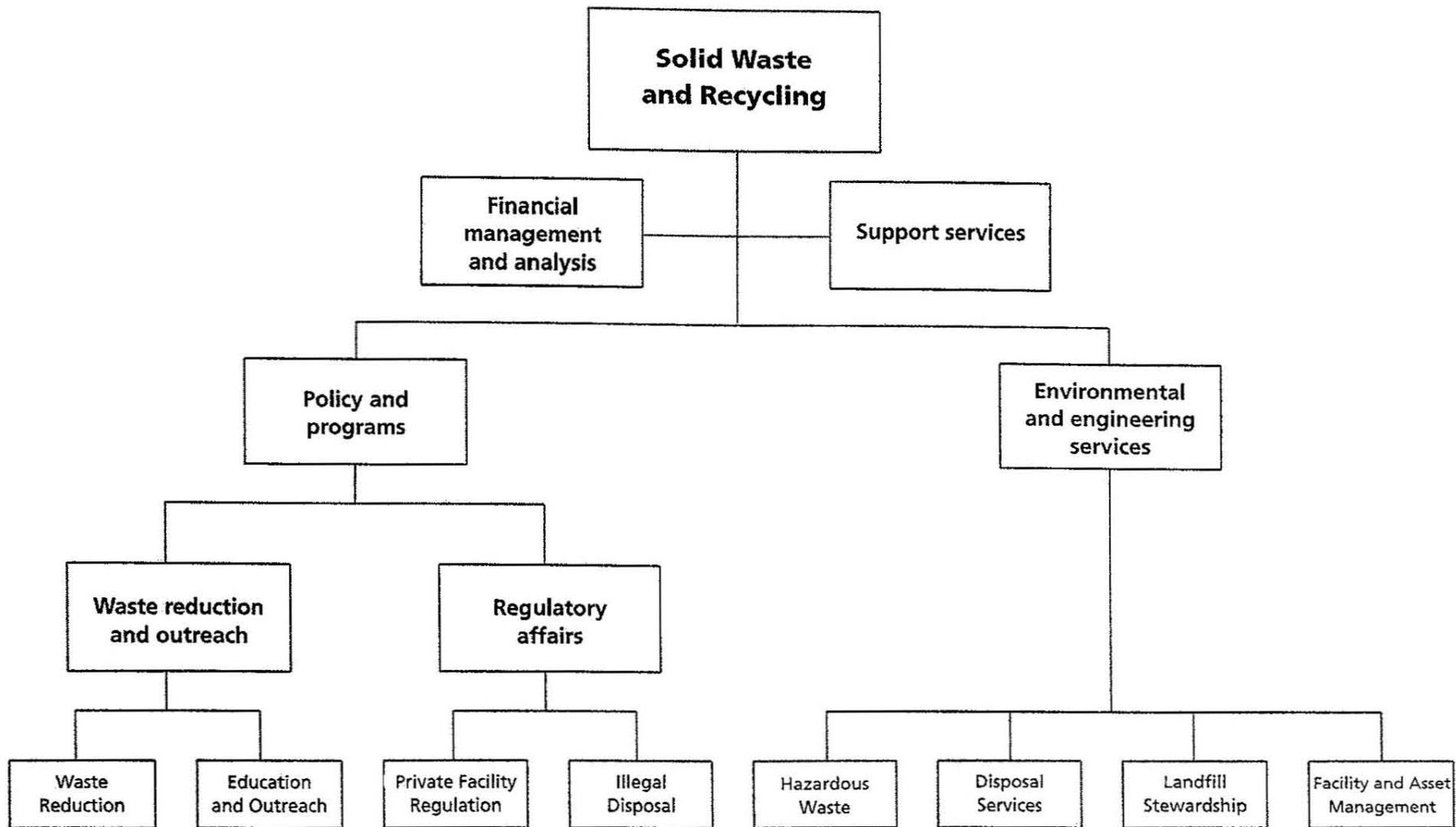
- (1) Chair. The Chairperson of the Committee shall be a Metro Council representative appointed by the Council President and confirmed by the Council.
- (2) Vice-Chair. In the absence of the Chairperson, the Committee shall be chaired by the Vice-Chairperson.

(h) Subcommittees. Subcommittees may be established by the Chairperson as necessary upon request of the Committee. Membership composition shall be determined according to mission and may include individuals who are not members of the Committee. All such subcommittees shall report to the Committee.

(Ordinance No. 00-860A, Sec. 1. Amended by Ordinance No.02-960; Ordinance No. 02-955A, Sec. 1.)

# Metro Structure 2008



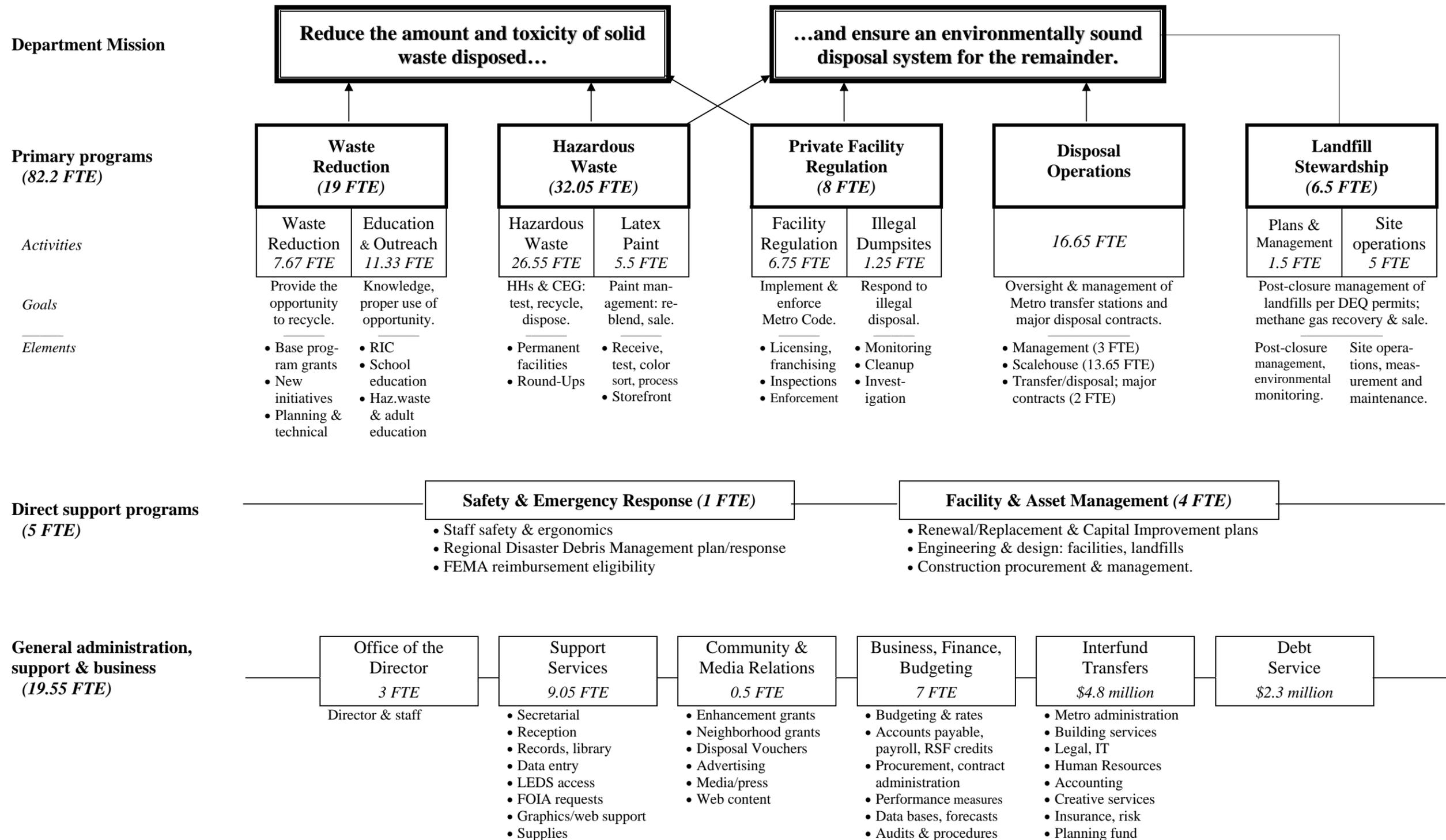


## Solid Waste Roles and Responsibilities in the Metro Region

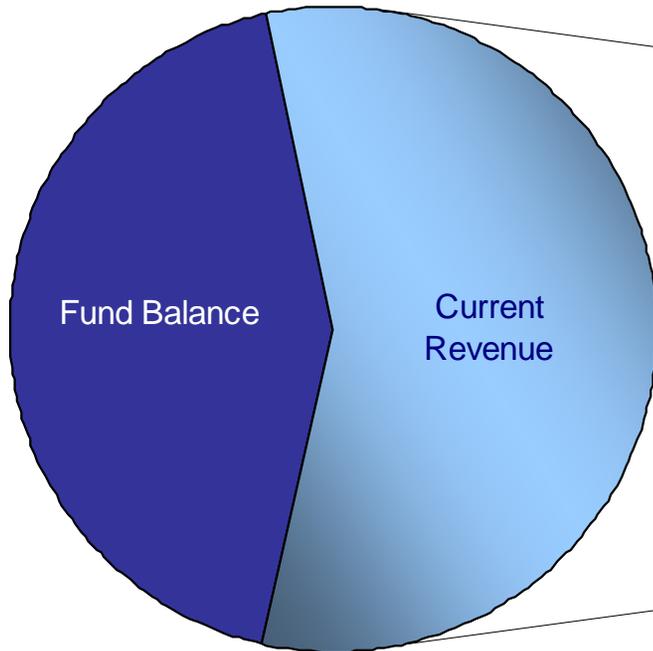
	Metro	Local Government	Shared
<b>Collection</b>			
Designing, administering & regulating programs (franchises, rates, service standards, complaints, enforcement, education)		X	
Fulfilling DEQ requirements		X	
<b>Disposal</b>			
Managing two transfer station operations	X		
Operating household hazardous waste services	X		
Managing solid waste transport contract	X		
Managing landfill contract	X		
Permitting & regulating solid waste facilities	X		
<b>Planning</b>			
Fulfilling DEQ requirements as wasteshed representative	X		
Preparing, adopting and enforcing RSWMP*	X		
Implementing the RSWMP			X
Preparing local government annual work plan		X	
Reviewing and approving local government annual work plans	X		
Preparing specific program area work plans (e.g., Recycle at Work)			X
Implementing specific program area work plans			X
<b>Outreach and Education</b>			
Providing outreach and education to residents and businesses			X
Providing in-school programs for children			X
Fulfilling DEQ requirements			X
<b>Program Evaluation</b>			
Reporting to Metro		X	
Reporting to DEQ	X		
Reporting to Metro Council	X		

\* Regional Solid Waste Management Plan

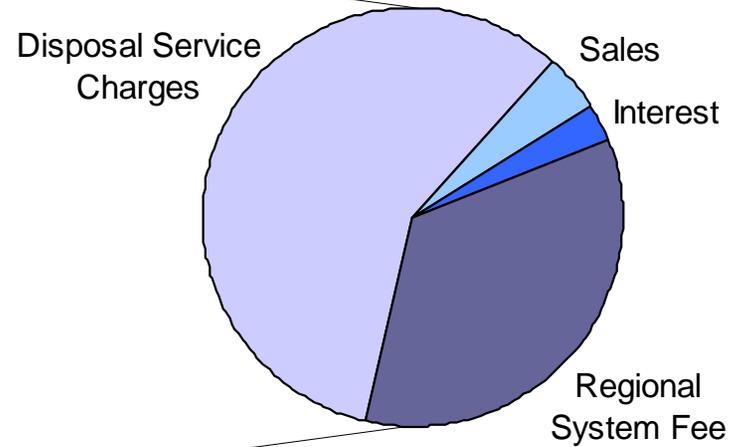
# FY 2007-08 Solid Waste & Recycling Department Program Organization (106.75 FTE)



# Where the Money Comes From

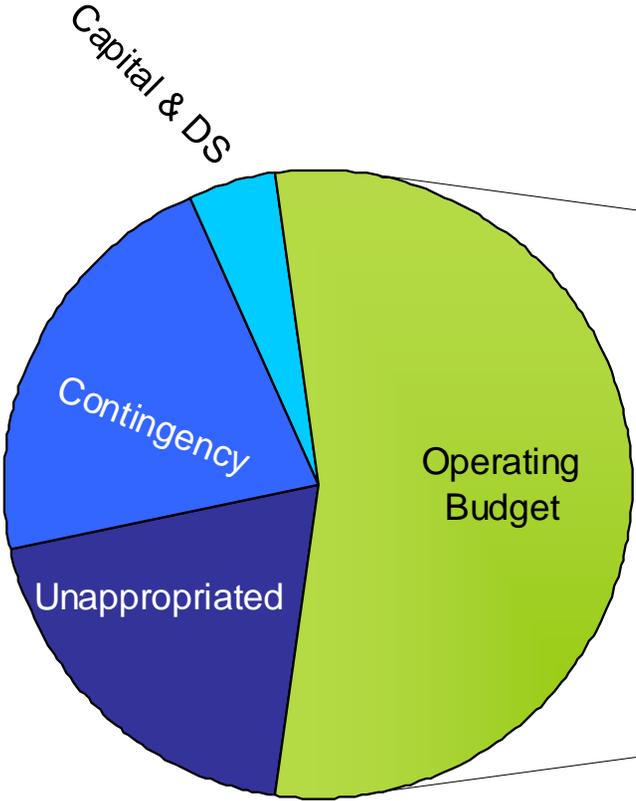


\$98.0 million

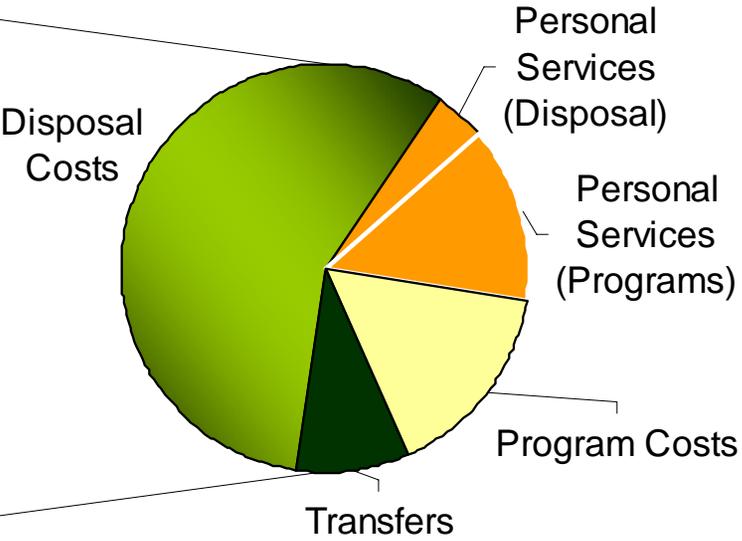


\$55.9 million

# Where the Money Goes



\$98.0 million



\$53.5 million

## Solid Waste & Recycling Department Performance Measures

Actuals FY 03-04	Actuals FY 04-05	Actuals FY 05-06	Target FY 06-07	Target FY 07-08
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### Waste Reduction & Outreach

1. Calls to Recycling Information Center (RIC)
2. Visits to Metro's "Find a Recycler" web page
3. Students reached in elementary and secondary school presentations
4. Regional recovery rate (Calendar year)

105,203	99,076	96,994	90,000	95,000
16,927	22,674	32,113	30,000	35,000
41,055	44,314	44,314	35,000	35,000
50.93%	51	52.6	53.95	57

### Regulatory Affairs

1. Number of facility inspections
2. Percent of formal enforcement actions upheld on appeal to hearings officer
3. Percent of illegal dump sites where action was taken within two days of discovery

369	404	276	300	275
100%	100	100	100	100
98.50%	94.9	98	85	85

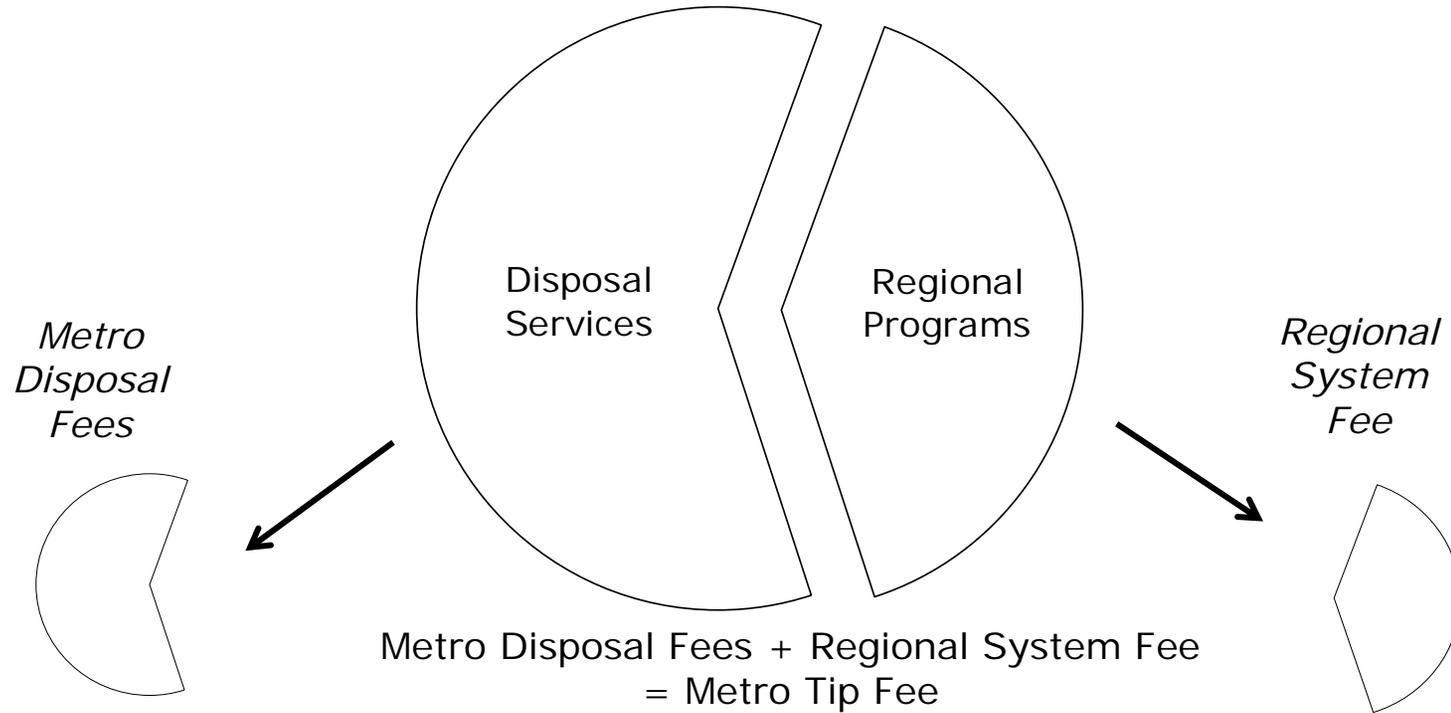
### Engineering & Environmental Services

1. Completed Project Costs are no greater than 110% of Capital Project cost estimates
2. Compliance with permits/energy contract
3. Hazardous waste net cost per pound
4. Injury and illness rate for engineering and environmental services staff at Metro transfer stations and hazardous waste facilities
5. Customer satisfaction with facility staff : Scalehouse
- 5a. Customer satisfaction with facility staff : Hazardous Waste
6. Annual percent increase in gallons sold of latex paint
7. Net cost per incoming paint gallon

NA	101%	101	<110	<110
100%	94.4	100	100	100
\$0.72	0.87	0.7	0.76	0.75
2.60%	2.68	2.68	<15	<15
88.20%	NA	NA	90	NA
98.30%	98.1	97.9	95	95
18.95%	7.85	5	14	10
NA	\$1.32	2.34	1.46	1.30

# Two-tiered Fee System

Cost of Services FY07-08



Revenue raised from Metro transfer station customers only (570,000 tons)

\$27MM/.57MM tons

**Unit Cost: \$47 per ton**

Revenue raised from all customers system wide (1,400,000 tons)

\$20MM/1.4MM tons

**\$14 per ton**

# Solid Waste Cost Allocations

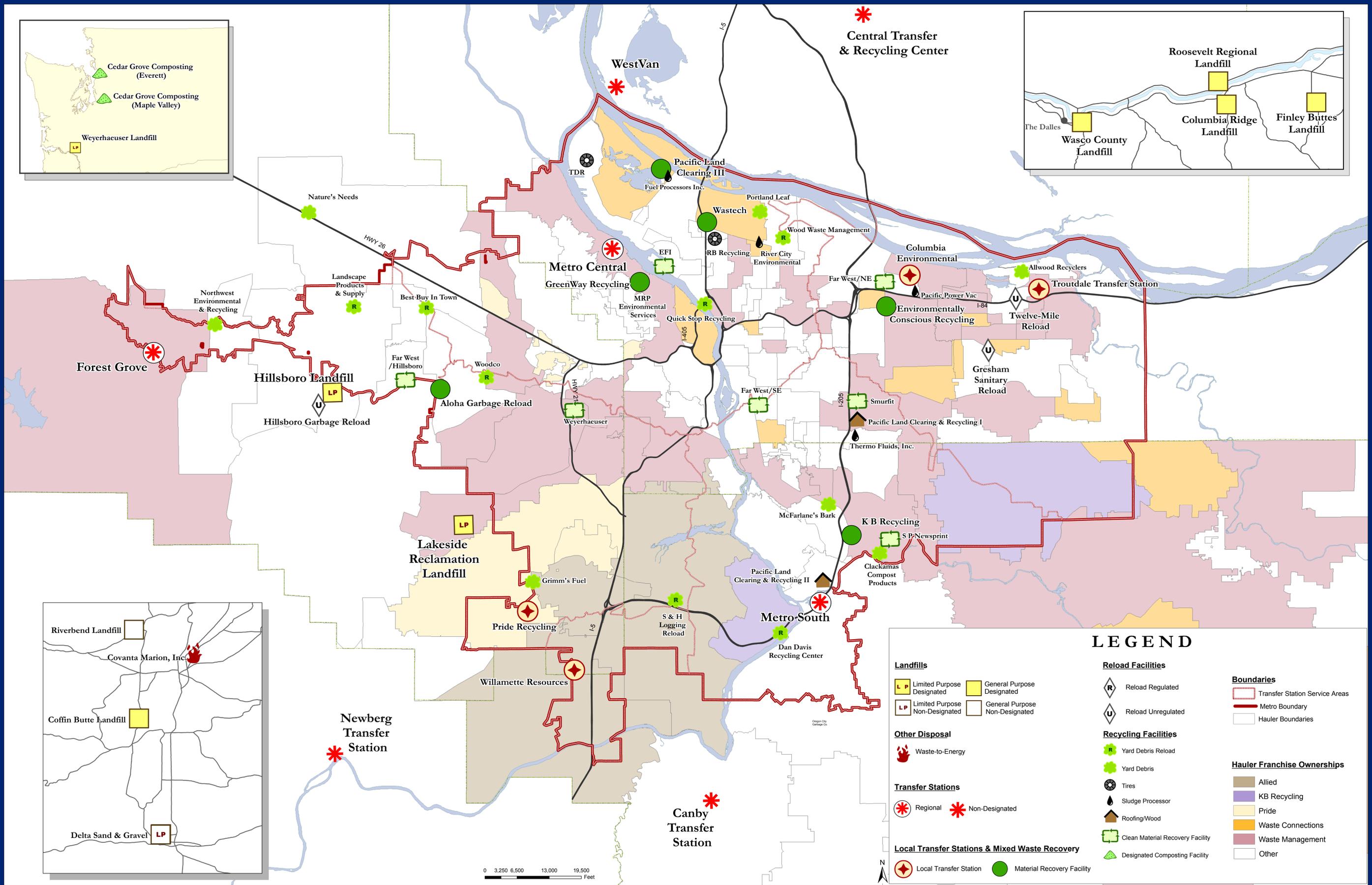
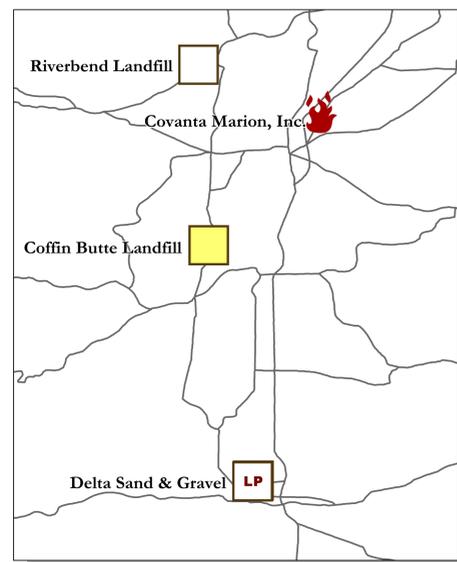
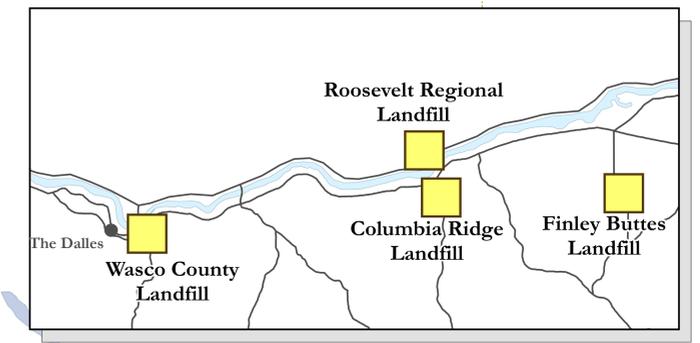
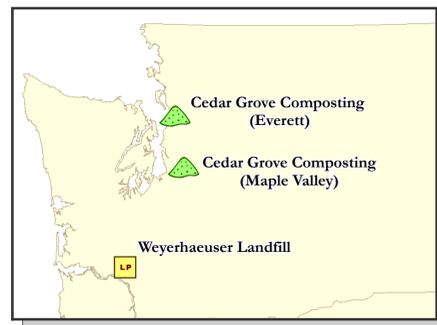
	Regional System Fee	Disposal Services	
		Commercial	Self-Haul
Regional Programs (hazardous waste, waste reduction)	<b>X</b>		
Private facility regulation & enforcement	<b>X</b>		
Metro's debt service	<b>X</b>	<b>X</b>	<b>X</b>
Metro scalehouse operations and maintenance		<b>X</b>	<b>X</b>
Transfer, transport & disposal (Allied, CSU & OWS contracts)		<b>X</b>	<b>X</b>

### SWAC Agenda Items for 2008\*

January 31	February 28	March 27	April 24	May 22	June 26
Member orientation	Special meeting: Sustainable Operations objectives (discussion; small group brainstorming)	Disaster debris mgmt. ops. plan	Year 19 (Annual Waste Reduction Plan)	Illegal dumping	Regional organics infrastructure
DEQ proposed compost standards		Self-Haul Study	Wet waste allocation (information)	Wet waste allocation (discussion)	Wet waste allocation (recommendation)
		Metro facility master plan	Business Recycling Requirements (information and discussion)	Business Recycling Requirements (discussion and recommendation)	
			Landfill standards report	DEQ waste prevention strategies	

July 24	September 25	October 23
Diesel retrofit project: implementation plan	SWR Strategic Plan update	Long-term goals for the RSWMP (establish subcommittee to develop recommendations)
Sustainable Operations Workgroup report: 2008/09 workplan	Implementation of State E-waste program	MRF standards implementation update
EDWRP implementation		

\* SWAC meetings are not anticipated in August, November, and December



### LEGEND

<p><b>Landfills</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; padding: 2px;">LP</span> Limited Purpose Designated</li> <li><span style="border: 1px solid black; padding: 2px;">LP</span> Limited Purpose Non-Designated</li> <li><span style="background-color: yellow; border: 1px solid black; padding: 2px;"></span> General Purpose Designated</li> <li><span style="background-color: white; border: 1px solid black; padding: 2px;"></span> General Purpose Non-Designated</li> </ul> <p><b>Other Disposal</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">🔥</span> Waste-to-Energy</li> </ul> <p><b>Transfer Stations</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; border-radius: 50%; padding: 2px;">*</span> Regional</li> <li><span style="color: red;">*</span> Non-Designated</li> </ul> <p><b>Local Transfer Stations &amp; Mixed Waste Recovery</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; border-radius: 50%; padding: 2px;">*</span> Local Transfer Station</li> <li><span style="background-color: green; border-radius: 50%; padding: 2px;"></span> Material Recovery Facility</li> </ul>	<p><b>Reload Facilities</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; border-radius: 50%; padding: 2px;">R</span> Reload Regulated</li> <li><span style="border: 1px solid black; border-radius: 50%; padding: 2px;">U</span> Reload Unregulated</li> </ul> <p><b>Recycling Facilities</b></p> <ul style="list-style-type: none"> <li><span style="background-color: green; border-radius: 50%; padding: 2px;">R</span> Yard Debris Reload</li> <li><span style="background-color: green; border-radius: 50%; padding: 2px;">R</span> Yard Debris</li> <li><span style="background-color: black; border-radius: 50%; padding: 2px;">●</span> Tires</li> <li><span style="background-color: black; border-radius: 50%; padding: 2px;">●</span> Sludge Processor</li> <li><span style="background-color: brown; border-radius: 50%; padding: 2px;">●</span> Roofing/Wood</li> <li><span style="border: 1px solid green; padding: 2px;">□</span> Clean Material Recovery Facility</li> <li><span style="background-color: green; border-radius: 50%; padding: 2px;">▲</span> Designated Composting Facility</li> </ul>	<p><b>Boundaries</b></p> <ul style="list-style-type: none"> <li><span style="border-bottom: 1px dashed red; width: 20px; display: inline-block;"></span> Transfer Station Service Areas</li> <li><span style="border-bottom: 2px solid red; width: 20px; display: inline-block;"></span> Metro Boundary</li> <li><span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span> Hauler Boundaries</li> </ul> <p><b>Hauler Franchise Ownerships</b></p> <ul style="list-style-type: none"> <li><span style="background-color: brown; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Allied</li> <li><span style="background-color: purple; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> KB Recycling</li> <li><span style="background-color: yellow; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Pride</li> <li><span style="background-color: orange; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Waste Connections</li> <li><span style="background-color: pink; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Waste Management</li> <li><span style="background-color: white; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Other</li> </ul>
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# Regional Solid Waste Facilities

Facilities Receiving Waste from the Metro Region

February 2008

600 NORTHEAST GRAND AVENUE  
TEL: (503) 797-1742  
drc@metro.dst.or.us

PORTLAND, OREGON 97232-2736  
FAX: (503) 797-1609  
www.metro-region.org



**DEQ SOLID WASTE  
COMPOSTING FACILITY  
RULEMAKING**



**PURPOSE**

- Update and clarify permitting requirements
  - Ensure protection of public health, ground water and surface water
- 

**Introduction**

WHAT process was used?

- Special workgroup
- Varied interested persons

**Agenda**

Review:

- Proposed rule changes
- Public comment period process
- Adoption timeline
- Questions and Answers

**CHANGES**

- Division 93
- Definitions
- Composting
  - Feedstock

**CHANGES**

Division 93

- Promote composting
- Exempts more small facilities from permitting

## CHANGES

- Division 93
  - Exemptions
    - Increased allowable amount of Types 1 and 2 feedstock that can be composted without a permit from 20 to 250 tons annually
    - Maintained allowable amount of Type 3 feedstock that can be composted without a permit at 20 tons annually

## CHANGES

- Division 93 Exemptions
  - Allow composting up to 40 tons of Type 3 feedstock without a permit if composting in a container

## CHANGES

- Division 93
  - Agricultural Exemptions
    - Composting no more than 250 tons of agricultural waste and no more than 20 tons of any off-site agricultural waste consisting of dead animals or animal parts during any calendar year

## CHANGES

- Division 93
  - Agricultural Exemptions
    - Operating in compliance with an agricultural compost management plan and composting any of the following quantities of feedstock in any calendar year:
      - (I) more than 250 tons of agricultural waste,
      - (II) more than 20 tons of any off-site agricultural waste consisting of dead animals or animal parts,
      - (III) up to 500 tons of supplemental feedstock that is not agricultural waste.

## Agricultural Exemptions

Agricultural operations require:	When compost > 250 tons Type 1 and Type 2 feedstock and...
ACMP	All feedstock is agricultural waste
DEQ permit	All feedstock is non-agricultural, non-supplemental waste

## Agricultural Exemptions

Agricultural operations require:	When compost > 20 tons of Type 3 feedstock and..
ACMP	> 20 tons of feedstock is off-site agricultural waste
DEQ Permit	Feedstock includes >20 tons of off-site non-agricultural waste

## Agricultural Exemptions

Agricultural operations require a DEQ Permit	When compost > 500 tons of non-agricultural, supplemental feedstock
--	---

## CHANGES

- Division 93
  - Institutional Exemption
    - All feedstocks are generated on site, except that up to 250 tons of supplemental feedstock may be composted annually.
    - All feedstocks are composted on site, and
    - All composted material produced must be used at an agronomic rate within the contiguous boundaries of the site.

## CHANGES

- Division 93
  - “Reload” facility
    - A site or facility that accepts and reloads only yard debris and wood waste (as described in OAR 340-093-0030(94) or transports these materials to another location, providing no composting occurs at the site.

## CHANGES

- Division 96
  - Eliminates existing registration and general permits
  - Clarifies design and operational requirements at a solid waste composting facility
  - Adds testing requirements for pathogen reduction
  - Clarifies financial assurance
  - Lists anaerobic digesters as solid waste treatment facility
  - Adds requirements for Agricultural Compost Management Plan

### Division 97 0120 – Solid Waste Permit Fees

Annual Individual Permit Compliance Fee	Proposed Fee
>250 and ≤ 3,500 *	\$100
> 3,500 and ≤ 7,500	\$500
> 7,500 and ≤ 50,000	\$1,000
> 50,000	\$5,000

\* New tonnage range for individual permit

## IMPLEMENTATION

- 90 days from effective date to apply for permit
- 270 days from effective date to submit plans a specifications
- Up to 2 years from permit issuance to comply with all conditions

## **PUBLIC COMMENT**

- Comment period Jan. 15 – Feb 29
- Public hearings throughout state
  - Portland's February 19, 6:00 PM @ DEQ
- Deadline 5:00 PM February 29

## **PUBLIC COMMENT**

More information

[www.deq.state.or.us/lq/sw/compost/rulemaking.  
htm](http://www.deq.state.or.us/lq/sw/compost/rulemaking.htm)

**ATTACHMENT**  
**SWAC Agenda Item III**  
**January 31, 2008**

**Sustainable Operations Brainstorming**

## Sustainable Operations Brainstorm

February 28, 2008

### Purpose:

*Generate ideas for implementing the 23 sustainable operations objectives from Chapter V of the Regional Solid Waste Management Plan (attached).*

### How it will work:

- *Form small groups - SWAC members will be divided into 3 to 4 small groups.*
- *Brainstorm ideas - The groups, working with an assigned leader and a scribe, will brainstorm ideas for implementing objectives.*
- *Report out – Each group will report on their results.*

### Who will do what:

- *Small group brainstormers – SWAC members and alternates.*
- *Assigned leaders and scribes – Each group will have one assigned leader and one scribe. The leader will express: 1) the intended outcome of the exercise; and 2) the intended meaning or application of each objective. The scribe will record group members' ideas on poster-sized paper.*
- *Reporters – At the outset each small group will select one of its members to report a summary of their ideas when the brainstorm time concludes.*
- *Observers – Metro staff and other guests.*

### Timeframe:

- *15 minutes for getting groups ready to go.*
- *60 minutes for active brainstorming.*
- *30 minutes for groups to report back on their work and experience.*

### Types of ideas anticipated:

- *Specific, solution-oriented ideas, based on knowledge of existing practices or technological possibilities; or*
- *Steps necessary to address or achieve the objective.*

### Use of results:

- *The Sustainable Operations Work Group will use these unfiltered ideas as starting points in their examination of the objectives and discussion of a 2008/09 workplan.*

### The Sustainable Operations Work Group is:

*Haulers, facility owners & operators, and government regulators – most of whom sit on SWAC.*

- *Paul Edwards, Hillsboro*
- *Chuck Geyer, Metro*
- *Dean Kampfer, Waste Management*
- *Leslie Kochan, DEQ*
- *Dean Large, Waste Connections*
- *Mike Miller, Gresham Sanitary*
- *Jeff Murray, Far West Fibers*
- *Ray Phelps, Allied*
- *Babe O'Sullivan, Portland*
- *Rick Winterhalter, Clackamas County*
- *Glenn Zimmerman, Compost Oregon*

# Sustainable Operations Goals & Objectives

## **Goal 1.0 Reduce greenhouse gas and diesel particulate air emissions**

- Objective 1.1: Implement plans for greater energy efficiency.
- Objective 1.2: Utilize renewable energy sources.
- Objective 1.3: Reduce direct emissions of greenhouse gases from landfills and other facilities.
- Objective 1.4: Reduce diesel particulate emissions in existing trucks, barges and rolling stock through best available control technology.
- Objective 1.5: Implement long-haul transportation and collection alternatives where feasible.

## **Goal 2.0 Reduce stormwater run-off**

- Objective 2.1: Implement stormwater run-off mitigation plans.

## **Goal 3.0 Reduce natural resource use**

- Objective 3.1: Implement resource efficiency audit recommendations.
- Objective 3.2: Implement sustainable purchasing policies.
- Objective 3.3: Reduce disposed waste.

## **Goal 4.0 Reduce use and discharge of toxic materials**

- Objective 4.1: Implement toxics reduction and management plans.

## **Goal 5.0 Implement sustainability standards for facility construction and operation**

- Objective 5.1: Implement sustainability standards for site selection.
- Objective 5.2: Require new construction to meet the Leadership in Energy and Environmental Design (LEED) or equivalent program standards.
- Objective 5.3: Provide incentives for existing facilities to meet LEED or equivalent program standards.

## **Goal 6.0 Adopt best practices for customer and employee health and safety**

- Objective 6.1: Reduce injuries by automating operations where effective.
- Objective 6.2: Implement health and safety plans that meet or exceed current minimum legal standards.

## **Goal 7.0 Provide training and education on implementing sustainability practices**

- Objective 7.1: Train key regional waste industry employees, government waste reduction staff and political officials in adopted sustainability practices.
- Objective 7.2: Inform suppliers, contractors and customers of the adoption of sustainability goals and practices.

## **Goal 8.0 Support a quality work life**

- Objective 8.1: Pay a living wage and benefits to all workers.
- Objective 8.2: Promote community service.
- Objective 8.3: Strive to employ a diverse work force.

## **Goal 9.0 Employ sustainability values in seeking vendors and contractors**

- Objective 9.1: Request sustainability plans from potential vendors and contractors.
- Objective 9.2: Assist vendors and contractors in achieving sustainable practices.
- Objective 9.3: Support local vendors when feasible.