



METROPOLITAN SERVICE DISTRICT

527 S.W. HALL ST., PORTLAND OR. 97201, 503/221-1646

# A G E N D A

-- EXECUTIVE SESSION ON ENERGY RECOVERY/  
SPECIAL COUNCIL MEETING

Date: AUGUST 10, 1982  
Day: TUESDAY  
Time: 5:30 PM  
Place: METRO OFFICES

## Executive Session (5:30 PM)\*

To discuss the contract negotiations between Metro and Wheelabrator-Frye.

## Special Council Meeting (6:30 PM)\*

1. Ordinance No. 82-140, An Ordinance Relating to the FY 1982-83 Budget and Appropriations Schedule and Amending Ordinance No. 82-132. (Second Reading)
2. Discussion of other matters related to the Energy Recovery Facility project.

\*Times listed are approximate



METROPOLITAN SERVICE DISTRICT  
527 S.W. HALL ST., PORTLAND, OR. 97201, 503/221-1646

## MEMORANDUM

Date: August 6, 1982  
To: Metro Council  
From: Bob Oleson, Deputy Presiding Officer  
Regarding: Ordinance No. 82-140, An Ordinance Relating  
to the FY 1982-83 Budget and Appropriations  
Schedule and Amending Ordinance No. 82-132.

The ordinance provides for:

- a) Appropriations for a cost of living adjustment for Zoo non-union employees equal to that received by Zoo union employees; and
- b) Transfer of funds from the Waste Reduction contingency to specific programs related to Waste Reduction. (See Appendix E)

At the regular Council meeting on August 5, the Waste Reduction appropriations were discussed at some length and an amendment passed regarding consolidation of the remaining contingency funds (\$36,023) into one fund titled "Waste Reduction Contingency". During the discussion, it was determined that one of the seven Councilors present is opposed to the Waste Reduction appropriations and therefore, to passage of the ordinance.

As you know, Metro Code requires seven (7) affirmative votes for passage of an ordinance. The final vote on this ordinance was postponed until the special Council meeting scheduled for August 10 or until the next regular Council meeting on August 26.

Assuming that there will be time and sufficient attendance of Councilors, it is my recommendation that we take up this matter next Tuesday at the special Council meeting and staff has been asked to implement my recommendation by placing the ordinance on the agenda.

The special Council meeting is scheduled for August 10, following the Executive Session on Energy Recovery, which will take place at 5:30 PM. The attached agenda for the meeting includes this ordinance for your consideration.

BO:sh

Waste Reduction 1982 - 1983  
 Contingency Budget as Recommended  
 by the Waste Reduction Steering  
 Committee

	<u>Material/ Services</u>	<u>Personnel</u>
Curbside Collection Demonstration Program	\$58,000	\$
Support for curbside collection efforts in target areas. Specific areas to be selected at the next WRSC meeting.		
Monthly Projects: Support and underwrite	2,000	
2 monthly projects, Pilgrim Lutheran Church and Parkrose High School		
- Reimbursement cost for hauling and labor not covered by revenues generated from the sale of materials		
Cooperative Marketing: Contract to fund PRT to continue to provide service where no other exists	40,000	
- Reimbursement cost for rent, insurance, utilities and safety supplies		
Personnel: Increase to 1.0 FTE Clerk-Typist (Switchboard)		5,241
		merit 210
		fringes 1,526
Contingency:		
To increase PRT support if Council so chooses	10,000	
To Waste Reduction Curbside Collection	26,023	
TOTAL	<u>\$136,023</u>	<u>\$6,777</u>

*Shouldn't make dec' on should be on Leon base*

*Mike move to PRT \$10,000 in co-op mktg*

*\$20,000*

*Waste Reduction Contingency*

METRO COUNCIL

5:30 pm Ex. Session ERF  
 Special Council Session  
 (need 7 members) carry over  
 Budget Ord.  
 Reg. Serv. Comm.

MEETING DATE

Tuesday, August 10/82

		<u>AYE</u>	<u>NAY</u>
<u>DISTRICT 10</u>			
Bruce Etlinger	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 11</u>			
Marge Kafoury	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 12</u>			
Mike Burton	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 1</u>			
Bob Oleson	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 2</u>			
Charles Williamson	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 3</u>			
Craig Berkman	<del>180</del>	<u>          </u>	? <u>          </u> left message
<u>DISTRICT 4</u>			
Corky Kirkpatrick	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 6</u>			
Jane Rhodes	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 7</u>			
Betty Schedeen	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 8</u>			
Ernie Bonner	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 9</u>			
Cindy Banzer	✓	<u>X</u>	<u>          </u>
<u>DISTRICT 5</u>			
Jack Deines	✓	<u>X</u>	<u>          </u>
<b>TOTAL</b>		<u>11</u>	<u>          </u>



**METROPOLITAN SERVICE DISTRICT**  
527 S.W. HALL ST., PORTLAND, OR. 97201, 503/221-1646

## MEMORANDUM

Date: July 30, 1982  
To: Metro Council  
From: Gus Rivera, Acting Waste Reduction Manager  
Regarding: Waste Reduction Steering Committee (WRSC)  
Report No. 2

Enclosed is a memorandum dated July 12, 1982. This was the first written report on the status of the Waste Reduction Steering Committee. This report was submitted to the Council Coordinating Committee at the request of the Regional Services Committee, and covered all WRSC meetings until that date.

Since then, the WRSC has met only once. At the July 22, 1982 meeting, a criteria that curbside collection demonstration programs should be targeted to franchised areas only was approved. This decision was based on: 1) the willingness of all components to be able to cooperate with each other (e.g., Metro, city/county and collector); 2) the efficiency of one collector; 3) the greater potential for success; and 4) the willingness to report/quantify participants and material.

The Committee also accepted the staff recommendation that three areas be asked to submit proposals by the meeting of August 5. The three areas are, chosen on the basis of having an ongoing curbside collection program, Lake Oswego; one in the planning stages, Beaverton; and another willing to start a program, Gresham. Furthermore, it was also decided that Metro notify all franchised jurisdictions about the curbside collection program, Metro's willingness to promote their program, and for the city or county, in cooperation with the collector, to submit to us a letter of intent if they are willing to participate as additional funds become available. After we are able to quantify the amount of material, participation, willingness of participants, and availability of staff to carry on these programs, FY 83-84 budget will be easier to justify.

The enclosed pink copies represent, in more detail, all three participant's involvement. The cost of each program will depend on the population and program's approach. After we receive the proposals, we will be able to determine if other areas should be considered.

Memorandum  
July 30, 1982  
Page 2

The enclosed blue copies will bring you up to date on the accomplishments of the WRSC as of July 30, 1982.

GR:bb

Enclosures



METROPOLITAN SERVICE DISTRICT  
527 S.W. HALL ST., PORTLAND, OR. 97201, 503/221-1646

## MEMORANDUM

Date: July 12, 1982  
To: Council Coordinating Committee  
From: Norm Wietting, Acting Director of Solid Waste  
Regarding: Waste Reduction Budget FY 1982-1983

In May 1982, during Council's Waste Reduction budget discussion, \$143,000 from Contractual Services line item was placed under Contingency line item. Council requested more detailed information on what program services were to be provided and also asked for a recommendation from the newly formed Waste Reduction Steering Committee.

The Waste Reduction Steering Committee has been meeting on a weekly basis, delineating what is intended to be a Waste Reduction Implementation Program to supplement the approved 1981 Waste Reduction Plan. After the generalized Waste Reduction Implementation Plan outline (see Appendix A) was approved, the Committee directed its energy in establishing long-range and short-range goals, before dealing with the 1982-83 budget.

Appendix B (long-range goals), Appendix C (short-range goals) and Appendix D (definitions) are attached for your information.

Considering the short time frame, the Waste Reduction Steering Committee postponed discussions on the short-range goals to deal with the FY 1982-83 Waste Reduction Budget (Appendix E). The proposed budget reflects the belief that curbside collection of recyclables in the region is the most efficient method to achieve the waste reduction recycling goal. Although the budget emphasizes curbside collection, it recognizes that there should be a smooth transition from the existing recycling structure. Only two monthly projects have been proposed for funding, and under Cooperative Marketing (Portland Recycling Team (PRT)) there is support for only the operation of the warehouse and one drop-off center. The Committee recommends increasing the Switchboard operator from .5 FTE to 1.0 FTE with a very strong recommendation that Saturday hours for the Recycling Switchboard be completely dropped. With the Waste Reduction staff being cut from 5 FTE to 2.5 FTE, and a potential increased workload, it is believed to be more efficient to utilize the staff during regular working hours.

Memorandum  
July 12, 1982  
Page 2

If the Committee recommendation were approved, there would be \$36,023 left in the Contingency line item. \$10,000 would be available to increase Cooperative Marketing support if the performance of PRT warranted an increase. This would bring Metro's support to the full amount PRT projected to receive from Metro. \$26,023 was left under Waste Reduction Curbside Collection. This money was requested by staff to be reserved for staffing and/or reclassification of personnel when final program details are delineated.

Although the Waste Reduction Steering Committee has not yet determined in which areas of the Curbside Collection Demonstration Program should occur, the staff recommendation specifies that the program should occur in targeted franchised areas and only for support of advertisement, promotion and education. The staff also selected three target areas: one where curbside collection presently occurs, one area where a curbside collection program is presently ready to be implemented, and one area that wants to start a curbside collection program.

The intent of the curbside collection demonstration program is to increase the awareness of recycling, participation rate and amount of material collected. Surveys will be conducted before, during, and after advertisement/promotion/education phases occur. Material will be quantified and the participation rate will be monitored to see the impact that the program has achieved. If successful, Metro will be able to designate specific projects in the future based on these three experiences.

The Waste Reduction Steering Committee will continue to meet every Thursday until the completion of the Waste Reduction Implementation Program. The staff will be making a recommendation as to the continuation for an ongoing Committee or as part of the Solid Waste Policy Alternatives Committee after the work is completed.

GR:bb  
6335B/D2

Attachments



METRO WASTE REDUCTION PROGRAM OUTLINE

Elements of the waste reduction plan

- Energy recovery
- Material recovery
- Yard debris
- Public awareness and education
- Legislation, waste reduction and waste generation control
- Internal operations

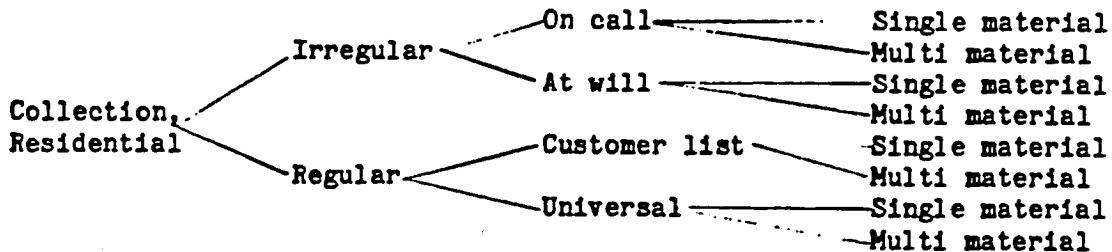
Aspects of waste reduction program implementation

- Finance
- Public awareness and education
- Material and energy recovery
- Legislation and regulation
- Evaluation

Types of material recovery

<u>Customer type</u>	<u>Service type</u>	<u>Service level</u>
Commercial	Collection	Single material
Residential	Depot	Multi material
	Market	
	Drop off	
	Periodic project	

Example:



Time frames

1980, 1981, 1982, 1983, 1984, 1985, 1990 Longer range?

Geo/Political spans

- METRO region
- Portland
- Local government urban
- Local government rural
  - with certain types of service or without certain types of service
  - with franchise or without franchise

Quantitative measure of programs

- Level of public awareness
- Level of participation
- Amount of material recycled
- Amount of recyclable material disposed of.

### General process for METRO

1. Reaffirm a commitment to the waste reduction plan goals and policies.
2. Allocate the frozen resources for the next fiscal years' waste reduction efforts.
3. Evaluate the impact of past waste reduction program efforts.
4. Develop a long-range strategy for all elements of the waste reduction program.
5. Develop a short-term strategy for all of the elements of the waste reduction program.
6. Make any necessary adjustments in the allocation of resources for next fiscal years' waste reduction efforts.
7. Continue to carry out the program.
8. Evaluate each element of the waste reduction program addressing each aspect.
9. Allocate the next round of resources.
10. Repeat the cycle making appropriate adjustments to reach the waste reduction goal.

### Recommendation to this steering committee

1. Recommend that the council reaffirm a commitment to the waste reduction plan goals and policies.
2. Consider the waste reduction program in general but only the material recovery portion of the waste reduction program in any detail.
3. Reach an agreement on all five aspects of the waste reduction implementation process:
  - a. The present condition of waste reduction
  - b. Set a long-range goal (5)
  - c. Set a short-term goal (5)
  - d. Set a next year goal (5)
  - e. Consideration should be made for each type of service and each geo/political area (5)
4. Emphasize next year  
"Based on the long-term goal, short-range goal, and next year goal, the next year program should be . . ."

## Long Range General Situation Material Recovery Element

### Finance

A non user-fee source of funding to supplant operations income

### Public awareness and Education

90% level of awareness of waste reduction programs; a continued low level public relations process, a self generating awareness program, Waste reduction concepts institutionalized into the education process, regular updating of materials

### Material recovery system

Curbside collection of multimaterials available to all residents of the region, Uniform service provided, minimum service area overlap, minimum charge for service, \_\_\_ % participation

Periodic (monthly or semi annually) multi material depots, convenient, back up system, (possibly associated with neighborhood clean up- yard debris)

Depots full time multimaterial drop off, back up system, less convenient, (possibly associated with disposal sit, transfer station or other solid waste or marketing operations)

### Markets

Drop off Single material ...

### Legislation and regulation

### Evaluation

### Long-range goal for waste reduction

Achievement of the waste reduction plan goal "to decrease solid waste by reducing the amount of solid waste generated and by reclaiming materials instead of disposing of them."

(There are also goals for energy recovery and yard debris.)

### Long-range goal for material recovery

"By reducing the residential and commercial solid waste by 30% through the recovery of all available recyclable materials." Potential solid waste is up to 39% readily recyclable materials - 30% is 240,000 to 300,000 tons per year.

### Short-range goal for material recovery

"By reducing the residential and commercial solid waste by 2% per year by recovering 1/3 of all available recyclable materials." (Approximately doubling the amount of recyclable materials currently being recovered (1979) (13%).)

16,000 - 20,000 tons additional each year for six years

96,000 - 120,000 tons additional in six years

160,000 - 320,000 tons total recycling in ten years

### Present base

Amount of material recovered from each type of service (5 x 2 x 2)  
from each geo/political area (5)

Increases and potential for increases for each type of service and each area.

At 20,000 additional tons next year, \$100,000 is \$5 per new ton plus a loss of \$1.68 in user fee income \$33,600.

At 180,000 tons recycled (projected WRP 1982 rate), \$100,000 is a little over \$0.50 per total ton recycled plus a loss of user fee of about \$300,000.

### Next year goal for material recovery

An increased reduction of solid waste by 2% through material recovery.

Financing of the material recovery efforts through sale of materials and METRO user's fee.

Two public awareness programs, one promoting all types of service and one specialized to increase specific collection options.

Material recovery through continuation of the existing depot and periodic depot system, no actions in single material drop off or collection, specific assistance to two or three multimaterial collection activities to demonstrate the potential for improvement.

Draft new legislation needed to accomplish the short- and long-range goals of the waste reduction program.

Evaluate the present effectiveness of each type of recovery service with specific emphasis to multimaterial collection, present programs and potential for growth.

4. Base Information

Tons of residential and commercial solid waste discarded in the region each year 800,000.

Tons of potential residential and commercial solid waste presently recycled each year 80,000 to 120,000.

Tons of recyclable material still disposed of as solid waste each year 240,000.

Cubic yards of yard debris generated in the region each year 676,055.

Cubic yards of yard debris burned in back yards 84,784, disposed of at landfills 292,346, and total burned and landfilled in the region each year 377,130.

Cubic yards of yard debris presently recovered and processed in the region each year 32,500.

Tons of solid waste available for energy recovery before recycling for waste reduction 800,000.

Tons of solid waste available for energy recovery after recycling for waste reduction 500,000.

Tons of industrial and demolition waste material available for energy recovery \_\_\_\_\_.

WASTE REDUCTION STEERING COMMITTEE

Long Range Waste Reduction Goals:

MATERIAL RECOVERY SYSTEMS

Curbside collection of multi-materials should be available to all residents of the urban areas in the metropolitan region.

Maximize efficiency of service by minimizing service area overlap.

A back-up system should be available to handle materials and areas not served by multi-material curbside collection.

Achieve uniformity of materials collected and frequency of collection. (Note: Rural areas, because of distance between homes, must be tailored to accomplish economical pickup of recyclables).

Recycling options should be available at all solid waste facilities.

100% of all franchised haulers should offer curbside, multi-material collection to their customers.

FINANCE

Operational costs for the recycling programs should be financed through the sale of materials and fees charged to customers who have curbside recycling services available.

FINANCE (continued)

Metro's involvement in the recycling program should be funded through the user fee charged to all solid waste generators.

PUBLIC AWARENESS & EDUCATION

The following should be in existence:

- \*A 90% level of awareness of waste reduction programs,
- \*A continued low level public relations process,
- \*A self-generating awareness program,
- \*Waste reduction concepts institutionalized into the education process, and
- \*Regular updating of materials.

LEGISLATION & FRANCHISING

Local jurisdictions should adopt franchise regulations with curbside collection programs as elements of the ordinance.

WRSC  
6/14/82

Waste Reduction 1982 - 1983  
 Contingency Budget as Recommended  
 by the Waste Reduction Steering  
 Committee

	<u>Material/ Services</u>	<u>Personnel</u>
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- Reimbursement cost for rent, insurance, utilities and safety supplies		
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Contingency:		
To increase PRT support if Council so chooses	10,000	} <i>Waste Reduction Contingency</i>
To Waste Reduction Curbside Collection	26,023	
TOTAL	<u>\$136,023</u>	<u>\$6,777</u>



WASTE REDUCTION STEERING COMMITTEE

Definitions to be used with long  
and short range goals.

Available: a service offered.

Multi-material: glass(all three types), newsprint, tin,  
aluminum with kraft and motor oil as optional.

Residential: a one to four family dwelling.

Participation in recycling: as being at least two materials  
one of which is newsprint and one other recyclable collected  
at least four times per year.

WASTE REDUCTION STEERING COMMITTEE  
Short Range Waste Reduction Goals:  
(DRAFT)

MATERIAL RECOVERY SYSTEMS

That multi-material curbside collection be available to 50% of residential garbage customers in the urbanized areas within the Urban Growth Boundary.

20% curbside collection participation rate out of the 50% level of availability as stated in short range goal no. 1.

CURBSIDE COLLECTION DEMONSTRATION  
PROJECT  
CITY/COUNTY - COLLECTOR - METRO'S  
INVOLVEMENT

1. Advertisement/Education/Promotion

a) Newsletters

Prepared by city & Metro, printed by Metro,  
mailed in city newsletter or water bill

b) Flyers/Doorhangers

Artwork; preparation and printing by Metro  
and collector

c) Survey (before, during, after)

Prepared, printed and tabulated by Metro  
surveyors by volunteers

d) Newspaper Ads

Prepared by Metro, in local newspapers

e) School and Neighborhood Education Programs

Prepared and presented by Metro and collector

f) Coloring Book

Prepared and distributed by Metro and collector  
at school education programs

ACCOMPLISHMENTS BY THE WASTE REDUCTION STEERING COMMITTEE

1. Long-term goals, inclusive of making curbside collection of recyclables as top priority.
2. Short-term goals, inclusive of making curbside collection available to 50% of urban area.
3. Definitions, inclusive of type of materials to be collected.
4. Defining urban area where curbside collection should occur (proposed).
5. Proposed Waste Reduction Budget FY 82-83.
6. Criteria for demonstration curbside collection program selection.
7. Proposed quantification method on a yearly basis (ongoing).
8. Proposed quantification method on five-year increments.
9. Defined area where multi-material curbside collection occurs.
10. Defined number of garbage customers that are being served by curbside collection (in process).

GR:bb