

RESOLUTION NO. 948 -R

**A RESOLUTION ADOPTING THE CITY OF TROUTDALE YARD
DEBRIS PLAN.**

WHEREAS, the Metropolitan Service District has been designated by the State of Oregon as the responsible jurisdiction for solid waste planning; and,

WHEREAS, the Metropolitan Service District has developed a Regional Solid Waste Reduction Plan for the Metropolitan region; and,

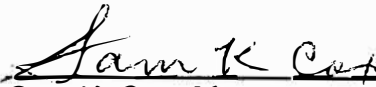
WHEREAS, the regional plan requires local cities to implement a yard debris recycling plan by July 1, 1992

**NOW, THEREFORE, BE IT RESOLVED BY THE COMMON COUNCIL OF THE
CITY OF TROUTDALE THAT:**

The City of Troutdale hereby adopts Option "D" as stated in the supporting documents to be the type of yard debris recycling program the City will implement. The Common Council will approve a final draft of this plan at a later date.

**ADOPTED BY THE COMMON COUNCIL OF THE CITY OF TROUTDALE THIS
24th DAY OF MARCH, 1992**

YEAS: 4
NAYS: 0
ABSTAINED: 0



Sam K. Cox, Mayor

DATED: March 25, 1992

ATTEST:



Valerie J. Raglione, CMC
City Recorder

YARD DEBRIS OPTIONS

The following is a list of items that will be attached to all of the options except the depot option (Option F);

1. The rate for collection of yard debris will be included in the base rate for normal solid waste collection.
2. The 60 gallon roller carts will be of uniform color, size and shape.
3. A fee of \$2.50 will be charged for amounts collected above the level of service the customer has subscribed. Extras must be in either a 32 gallon can or an approved yard debris bag both with maximum weight of 60 lbs.
4. The City will be responsible for Education/Promotion portion of the program.
5. All programs will have an exemption for home composters. The City will assume responsibility for the certification of such composters. Standards for the composting will be written into the final Yard Debris Recycling Plan.
6. Any curbside collection will be done the same day as garbage.
7. A rate will be provided for customers who do not subscribe to normal solid waste collection. This charge will be set at \$1.00 greater than the regular customer charge to cover administrative and billing costs. Yard debris only customers will be required to subscribe for an entire calendar year and pay the entire year in advance.

The cost analysis for all aspects of the programs was performed by R.W. Beck and Associates as a part of the Solid Waste Collection/Recycling Rate Study. Based on program assumptions, cost estimates were developed for the SWCAC-recommended option and four alternatives taking into consideration each collector's requirements for capital.

Option A - Weekly year round curbside collection, hauler provided 60 gallon roller cart
Cost - \$4.45/mo. Non-Customer rate \$65.40/yr.
(Option A is the SWCAC's recommendation)

Option B - 60 gallon roller cart, weekly collection March-October (8 months), Monthly Collection November-February (4 months) 60 gal. cart.
Cost - \$4.35/mo. Non-Customer rate \$64.20/yr.

Option C - Choice of Weekly or Monthly collection, 60 gal. cart.
Cost - weekly service - \$4.45/mo. monthly service - \$4.90/mo.
Non-Customer rate weekly service - \$65.40/yr, monthly service - \$70.80/yr.

Option D - Weekly year round collection, hauler provided 60 gal. cart or customer provided 32 gal. can.

Cost - 32 gallon can service \$3.35/mo., 60 gallon cart service \$5.50/mo.

Non-Customer rate - 32 gallon can service \$52.20/yr., 60 gallon cart service \$78.00/yr.

Option E - Weekly collection March-October, Monthly collection November-February, hauler provided 60 gallon cart or customer provided 32 gallon can. Cost - 32 gal. can service \$3.25/mo., 60 gallon cart service \$5.40/mo.

Non-Customer rate - 32 gallon can service \$51.00/yr., 60 gallon cart service \$76.80/yr.
(Option E is the my recommendation to Council)

Option F - Yard Debris Collection Depot, user pay. Cost is not yet available.

Option A

Solid Waste Citizen's Advisory Committee Recommendation

COLLECTION SCHEDULE

Weekly, Year-round

CONTAINER SIZE

60 gallon roller cart (120 lbs. maximum) provided by hauler

PROGRAM COST PER CUSTOMER

\$4.45 per month

\$53.40 over a year

MONTHLY COLLECTION RATE

20 gallon can	\$15.95
32 gallon can	18.95
60 gallon cart	23.45
Extras	2.50

COMMENTS

This program is recommended by the SWCAC as the option that will best achieve the program goals and objectives. A city-wide program using 60 gallon roller carts will provide a collection system that utilizes semi-automated equipment, resulting in greater collection efficiency and reduction in worker's compensation claims due to fewer back related injuries. In addition, the unit price for the purchase price of the carts will be less due to vendor discounts allowed for high volume purchases. This option results in an estimated monthly cost of \$4.72 per household. The SWCAC is recommending that the program cost be set at \$4.45.

Option B

COLLECTION SCHEDULE

Weekly curbside collection for 8 months (March - October)

Monthly curbside collection for 4 months (November - February)

CONTAINER SIZE

60 gallon roller cart (120 lbs maximum) provided by hauler

PROGRAM COST PER CUSTOMER

\$4.35 per month

\$52.20 over the year

MONTHLY COLLECTION RATE

20 gallon can \$15.85

32 gallon can 18.85

60 gallon cart 23.35

Extras 2.50

COMMENTS

This program option is based on the assumption that yard debris volumes decrease during the four winter months to a point where weekly service is unnecessary. The cost analysis indicates there would be a reduction in operation and maintenance costs resulting from a lower utilization of collection equipment. However, there is an offsetting increase in administrative costs due to the requirement of the haulers to provide additional notices to customers informing them of the seasonal changes in service levels. Compared to the recommended weekly year round service option, this program results in a system wide savings of \$0.09 per household per month. The monthly cost for the program would be \$4.35 as compared to \$4.45 for the weekly service.

Option C

COLLECTION SCHEDULE

- Two choices of service;
- Weekly year round, or
 - Monthly, year round

CONTAINER SIZE

60 gallon roller cart (120 lbs. maximum) provided by hauler

PROGRAM COST PER CUSTOMER

- \$4.45 per month for the weekly service
- \$4.90 per month for the monthly service

MONTHLY COLLECTION RATE

20 gallon can	\$15.95	weekly service
	16.40	monthly service
32 gallon can	\$18.95	weekly service
	19.40	monthly service
60 gallon cart	\$23.45	weekly service
	23.90	monthly service
Extras	\$2.50	

COMMENTS

This program option provides two choices of service for the customer, (1) full service with once per week collection and (2) reduced service with once per month regular collection and service for "extras" charged on a per use basis. This option results in an increased system cost and results in the monthly service increasing \$0.45 over the weekly service. This is the result of the increased complexity of the program which requires additional administrative costs resulting from the need for increased record keeping.

Option D

COLLECTION SCHEDULE

Weekly, year round

CONTAINER SIZE

Two choices of service;

- 32 gallon can (60 lbs. maximum) customer provided
- 60 gallon roller cart (120 lbs. maximum) hauler provided

COST OF PROGRAM PER CUSTOMER

\$3.35 per month for 32 gallon can service

\$5.50 per month for 60 gallon roller cart service

MONTHLY COLLECTION RATE

20 gallon can	\$14.85 for 32 gallon service
	17.00 for 60 gallon service
32 gallon can	\$17.85 for 32 gallon service
	20.00 for 60 gallon service
60 gallon cart	\$22.35 for 32 gallon service
	24.50 for 60 gallon service
Extras	\$2.50

COMMENTS

This option provides the customer two choices of service based on container size. The total program costs would be reduced because the hauler would be required to purchase fewer carts. The customers choosing 32 gallon service would need to purchase their own cans. It is estimated the amount of yard debris collected would decrease resulting in lower disposal costs. Because of the two levels of service there would be some increases in administrative costs.

Option E

Staff recommendation

COLLECTION SCHEDULE

Weekly curbside collection 8 months (March - October)

Monthly curbside collection 4 months (November - February)

CONTAINER SIZE

Two choices of service;

- 32 gallon can (60 lbs. maximum) customer provided

- 60 gallon roller cart (120 lbs. maximum) hauler provided

PROGRAM COST PER CUSTOMER

\$3.25 per month for 32 gallon service

\$5.40 per month for 60 gallon service

MONTHLY COLLECTION RATE

20 gallon can	\$14.75 for 32 gallon service
	16.90 for 60 gallon service
32 gallon can	\$17.75 for 32 gallon service
	19.90 for 60 gallon service
60 gallon cart	\$22.25 for 32 gallon service
	24.40 for 60 gallon service
Extras	\$2.50

COMMENTS

This program option provides the customer two choices of service based on container size. Collection service would occur weekly eight months of the year and monthly four months of the year based on the assumption that yard debris volumes decrease during the winter months to a point where weekly service is unnecessary. Cost analysis indicates there would be a reduction in operation a maintenance costs resulting from a lower utilization of collection equipment. However, there is an offsetting increase in administrative costs due to the requirement of the haulers to provide additional notices to customers informing them of the seasonal changes in service levels. Compared to Option D this program results in a customer savings of \$0.09 per month. If a customer chooses the 60 gallon roller cart service, the required subscription period would be one year. This would allow the hauler to recover some of the capital cost of purchasing the cart.

Option F

YARD DEBRIS COLLECTION DEPOT

COLLECTION SCHEDULE

Open once a week year round.
Open most likely every Saturday.

TYPE OF SYSTEM (One possibility)

Set up a facility on City property and Contract Ege Sanitary to operate the depot. The system might consist of; an area where traffic can easily unload, turn around and exit; a drop box with some type of machine to pack the material; and a minimum of 4 persons operating and loading the truck.

PROGRAM COST TO CUSTOMERS

This system would be user pay. The SWCAC looked at this option at the very early stages of planning and deemed this type of system inadequate. So, a cost analysis was not performed for this type of system. It is my feeling that this system would be very expensive and the City may have to subsidize the cost. A subsidy would be required because the cost to the customer otherwise might be higher than the cost to dispose of an equal amount of material as solid waste.

COMMENTS

This option provides the lowest form of yard debris collection that still keeps the City in compliance with the law. Participation levels and yard debris recovery rates will be no where near what we might accomplish with a regular collection service.

YARD DEBRIS OPTIONS SUMMARIZED

SERVICE DESCRIPTIONS	OPTION A SWCAC	OPTION B 8/4 ROLLER	OPTION C Mo./Wkly Collection	OPTION D Two Container Sizes	OPTION E Two Containers 8/4 Collection
COLLECTION SCHEDULE Monthly Weekly 8/4 Weekly/Monthly	Weekly	8/4 wkly/mnthly	Monthly and Weekly	Weekly	8/4 wkly/mnthly
CONTAINER SIZE 32 gal. can customer provided (60 lbs) 60 gal cart hauler provided (120 lbs)	60 gallon cart	60 gallon car	60 gallon cart	32 gallon can 60 gallon cart	32 gallon can 60 gallon cart
PROGRAM COST PER CUSTOMER	\$4.45 / mo.	\$4.35 / mo.	\$4.45/mo. wkly. \$4.90/mo. mthly.	\$3.35 32 gallon \$5.50 60 gallon	\$3.25 32 gallon \$5.40 60 gallon
HOME COMPOSTING PROGRAM	Yes	Yes	Yes	Yes	Yes
EXTRAS - YARD DEBRIS 32 gal. can (60 lbs. max.) Yard debris bag (60 lbs. max)	\$2.50 per use	\$2.50 per use	\$2.50 per use	\$2.50 per use	\$2.50 per use
YARD DEBRIS, NON-CUSTOMERS (one year subscription)	\$65.40 / yr.	\$64.20	\$65.40 wkly. \$74.40 mthly	\$52.20 32 gallon \$78.00 60 gallon	\$51.00 32 gallon \$76.80 60 gallon
MONTHLY COLLECTION RATES					
<u>Garbage Service</u> <u>Current Rates</u>					
20 gallon can \$11.50	\$15.95	\$15.85	\$15.95 wkly \$16.40 mthly	\$14.85 32 gal. \$17.00 60 gal.	\$14.75 32 gal. \$16.90 60 gal.
32 gallon can \$14.50	\$18.95	\$18.85	\$18.95 wkly \$19.40 mthly	\$17.65 32 gal. \$20.00 60 gal.	\$17.75 32 gal. \$19.90 60 gal.
60 gallon cart \$19.00	\$23.45	\$23.35	\$23.45 wkly \$23.90 mthly	\$22.35 32 gal. \$24.50 60 gal.	\$22.25 32 gal. \$24.40 60 gal.

COMPARISON OF SOLID WASTE RATES

CITY/COUNTY	20 gallon	32 gallon	60 gallon	Yard Debris Program/Cost
Beaverton	None	\$12.80	None	City has not implemented a yard debris program
Clackamas County	None	\$17.35	\$23,\$55 60 and 90 gallon carts	Weekly, year-round collection \$2.60 included in base rate for all customers - Assumes 32 gallon can per month. \$3.40 added to rate if customer chooses 60 gallon roller cart.
Gladstone	None	\$13.55	None	Curbside, weekly, year-round. Funded by General Fund. Not included in garbage rate.
Milwaukie	None	\$14.05	None	Same as Clackamas program
Oregon City	None	\$17.40	None	Same as Clackamas program
Portland	\$13.15	\$17.50	\$24.00	City has not yet implemented a yard debris program. Implementation is due this spring at a cost of \$2.00 added to the rate for either a 32 gallon can or an approved yard debris bag.
Tualatin	\$13.58	\$16.60	\$22.53	Curbside, weekly 8 months, monthly 4 months. 60 gallon roller carts. \$4.50 included in the base rate.
West Linn	None	\$15.35	None	City owned and operated yard debris drop off site.