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**RESOLUTION NO. 1105-94**

**A RESOLUTION ADOPTING THE CITY OF TROUTDALE'S  
ANNUAL WASTE REDUCTION PLAN FOR YEAR FIVE  
(1994-95)**

**WHEREAS,** Metro has been designated by the State of Oregon as the responsible jurisdiction for solid waste planning; and

**WHEREAS,** Metro has developed a Regional Solid Waste Reduction Plan for the Metro Region; and

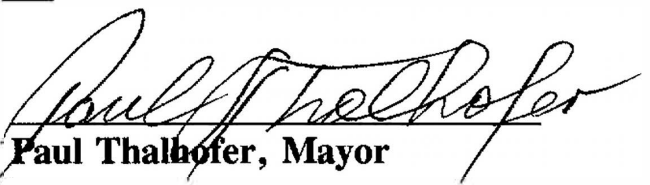
**WHEREAS,** the Regional Plan requires local cities to prepare an Annual Waste Reduction Plan.

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

The City of Troutdale hereby adopts the attached Year Five Annual Waste Reduction Plan.

**ADOPTED BY THE COMMON COUNCIL OF THE CITY OF  
TROUTDALE THIS 28TH DAY OF JUNE, 1994.**

**YEAS: 5**  
**NAYS: 0**  
**ABSTAINED: 0**

  
**Paul Thalhofer, Mayor**

**DATED: 6-30-94**

**ATTEST:**  
  
**George Martinez**  
**Deputy City Recorder**

**CITY OF TROUTDALE  
YEAR FIVE ANNUAL WASTE REDUCTION PLAN  
FISCAL YEAR 1994-95**

**INTRODUCTION**

For fiscal year 1994-95 the Metro Challenge Grant Allocation for Troutdale is \$3,361 and the total allocation for the Metro area is \$450,000. Troutdale makes up 0.75% of the Metro population and will receive its allocation in proportion to its population within the Metro area. The challenge grant amount Troutdale is receiving this year is an increase over last year by about \$860.

In order to receive the Metro Challenge Grant Allocation, Troutdale is required to submit and implement an Annual Waste Reduction Plan. A Year End Report must also be submitted to Metro by August 1, 1994 summarizing the activities of the previous year.

In order for Troutdale to comply with state waste reduction requirements, the Annual Waste Reduction Plan must comply with the Department of Environmental Quality (DEQ) requirements as specified in the Oregon Administrative Rules, Division 90, Recycling and Waste Reduction Chapter, in conjunction with the Oregon Revised Statutes, Chapter 459A Reuse and Recycling. The plan must also comply with the requirements of the 1991 Oregon Recycling Act. This is done by implementing elements a,b, c, and one other element or by implementing five of the elements in any combination. The elements to choose from are as follows:

- a. Provide a recycling container for each residential customer no later than January 1, 1993.
- b. Provide at least once each week collection of source separated recyclables.
- c. Provide a recycling education and promotion program that is expanded from the minimum requirements.
- d. Establish, through local ordinance, a multi-family recycling collection program.
- e. Establish and implement a residential yard debris collection program.
- f. Establish and implement regular on-site commercial recycling collection.
- g. Establish collection rates for residential solid waste encouraging source reduction.

Troutdale is currently in compliance with state legislation by having implemented elements a,b,c, and e.

**I. REGIONAL WASTE REDUCTION PROGRAM PLANNING**

**Objective:** To establish long and medium range waste reduction and recycling targets for the tri-county region and to develop a strategic plan for Metro and local governments to work as partners in facilitating the creation of efficient programs to achieve these targets.

**Metro Activity:** Metro will update the Waste Reduction Chapter of the Regional Solid Waste Management Plan with a 1995-2000 Regional Waste Reduction Strategic Plan. Metro will seek input from the business community, the collection industry, local governments, and the general public through public meetings and public hearings.

**Troutdale Activity:** Troutdale will continue to encourage citizen input into the implementation of solid waste/recycling programs and Metro's strategic plan by means of its City-wide newsletter, periodic solid waste educational and promotional materials, and public meetings.

## **II. REGIONAL COORDINATION**

**Objective:** For Metro Waste Reduction Division staff and local governments to share information, pool resources, and coordinate activities so as to minimize duplication of effort, provide uniform programs where appropriate, and to provide Metro area residents with the most cost effective waste reduction and recycling programs possible.

**Metro Activity:** Metro will facilitate and/or coordinate waste reduction programs that are most effectively implemented on a uniform basis region-wide. Metro Waste Reduction Division staff will make themselves available to attend planning and coordination meetings at the request of local governments.

**Troutdale Activity:** Troutdale will continue to implement its residential and multi-family recycling programs and expand programs where feasible, report results to Metro where applicable, coordinate with other local jurisdictions, attend Local Government Recycling Coordinators meetings, and other regional meetings as necessary. Troutdale will also continue to utilize Metro resources such as the Household Hazardous Collection Event in Gresham and Metro compost classes held at Mount Hood Community College.

## **III. COMPLIANCE WITH THE 1991 OREGON RECYCLING ACT**

**Objective:** To comply with the provisions of the Act and to document that compliance.

**Metro Activity:** Metro will submit an Annual Wasteshed Report to the DEQ on behalf of local governments and Metro. The report will consist of information submitted by local governments documenting their compliance with the Act, as well as summary information on Metro's efforts to increase the region's diversion rate through reduction, reuse, recycling, composting and recovery.

**Troutdale Activity:** Troutdale will document compliance with the 1991 Oregon Recycling Act by submitting a Year End Report which will include samples of education and promotion materials. Troutdale's Year End Report will be submitted to Metro along with the other jurisdictions in the Metro area. Metro will compile these reports and submit its annual report to DEQ.

## **IV. IMPLEMENTATION OF REGIONAL SOLID WASTE MANAGEMENT PLAN WASTE REDUCTION PROGRAM**

### **1. Single-Family Recycling**

**Objective:** To provide single-family households with a convenient opportunity to recycle.

**Metro Activity:** Metro will provide technical assistance, financial support and data to support continuation and expansion of local government single-family recycling programs.

**Troutdale Activity:** Troutdale will continue to provide weekly curbside recycling to the single-family residential sector and will continue to examine the possibility of adding recyclable materials to the program such as mixed waste paper.

### **2. Multi-Family Recycling**

**Objective:** To provide apartment residents with a convenient opportunity to participate in recycling.

**Metro Activity:** Metro will provide coordination, technical assistance, financial support and data to support local government multi-family recycling programs. Metro will assist with the local government multi-family recycling support group and provide region-wide promotion and education (through owner/manager associations and mass media).

**Troutdale Activity:** Troutdale will continue to implement multi-family recycling at its apartment complexes. All apartment complex units in Troutdale have been offered the opportunity to recycle. Currently, 75% of apartment complex units are recycling four principal materials (glass, newspaper, cardboard, and aluminum and tin cans). It is staff's intent that the remaining 25% of apartment complex units in Troutdale have recycling in place by July 1, 1995.

### **3. Yard Debris Recycling/Composting**

**Objective:** To maximize the amount of yard debris that is home composted, collected at the curb for recycling, taken to depots or otherwise diverted from disposal as garbage or illegal dumping. A second objective is to enhance the marketability of yard debris compost.

#### **A. Collection Programs**

**Metro Activity:** Metro will evaluate the region's yard debris collection and processing system. Information will be made available to local governments and the DEQ for use in improving the effectiveness of yard debris diversion. Metro will work with local governments and DEQ to effectively quantify diversion through yard debris collection programs and home composting.

**Troutdale Activity:** Troutdale will continue its residential yard debris collection program and conduct its annual spring clean-up event. Troutdale has information on the yard debris collection

program for 1993 on the number of monthly set outs and average weight per set out. This information will be provided to Metro as requested.

## **B. Home Composting**

**Metro Activity:** Metro will continue to offer home composting workshops, educational materials, and other public outreach campaigns as well as maintain home composting demonstration sites.

**Troutdale Activity:** Troutdale will continue to promote home composting by referring interested residents to Metro composting workshops and the compost demonstration site on the edge of the City at Mount Hood Community College. Troutdale will continue to offer credits on solid waste bills for residents who are approved through the yard debris exemption program. Residents may apply for an exemption throughout the year. Troutdale staff will attend composting workshops as needed.

## **C. Yard Debris Compost Marketing**

**Metro Activity:** Metro will provide coordination to ensure standards are developed on yard debris compost quality. Metro will also provide public education and marketing campaigns to promote the use of yard debris compost products in landscaping, and for soil and water conservation purposes.

**Troutdale Activity:** Troutdale staff will continue to encourage builders to utilize yard debris compost for erosion control on construction sites. The yard debris compost would serve as an alternative to other erosion control measures.

## **4. Commercial Recycling**

**Objective:** The commercial sector generates about half of the region's solid waste. In order to achieve significant additional gains in landfill diversion, this sector must be provided with effective waste reduction programs and increased opportunity, as well as economic incentives, to reduce, reuse and recycle.

**Metro Activity:** Metro will provide technical analyses of the commercial sector waste stream. Information such as tonnage, composition, and waste generated per employee will be assembled over time as funds become available for targeted generator waste characterization studies. Metro will work with local governments, haulers, and representatives from specific business types to develop educational materials and workshops specific to the needs of those business types, but will not duplicate work done by local governments and haulers. Before educational materials and/or workshops are undertaken by Metro, Metro will meet with local governments and haulers to determine if there is need for Metro involvement in that activity.

Metro will continue to conduct "buy recycled" outreach programs to businesses and industries in the region in conjunction with technical assistance and promotional activities in support of

commercial waste reduction and recycling. Metro will participate in regional activities included in the local government comprehensive commercial recycling programs.

Metro will work with local governments, area haulers, scale companies, and the State Office of Weights and Measures to develop technical information on weight-based commercial collection systems.

**Troutdale Activity:** Troutdale will implement its Comprehensive Commercial Recycling Plan. This plan was required to be developed as part of the Year Four Annual Waste Reduction Plan requirements. For details on the plan refer to Appendix A.

## **5. Construction and Demolition Waste**

**Objective:** To change construction and demolition practices such that reusable materials are salvaged for re-use, recyclable materials are diverted from disposal, and building materials with recycled content are used in new construction and remodels. To identify and overcome barriers to recycling construction and demolition waste.

**Metro Activity:** Metro will work with representatives of construction industry trade associations to promote construction site recycling and resourceful renovation practices. Metro will hold educational workshops and presentations for public and private industry including working with the region's building permit offices. Metro will work with local governments to assist contractors by establishing construction/demolition site recycling on up to 30 projects throughout the region.

Metro will provide a model policy statement to assist other public agencies with the development of their own policies regarding resource efficient building practices in government construction and renovation projects.

**Troutdale Activity:** Troutdale staff will create a flyer explaining services that Ege Sanitary offers on construction and demolition debris recycling. The Community Development Department will distribute this flyer to builders during the application process. Ege Sanitary will continue to offer drop boxes and roll offs for all separate materials such as concrete, dry wall, wood, etc. Troutdale staff will provide input to Metro as necessary on related Metro projects throughout the region.

## **6. Promotion and Education**

**Objective:** To inform the region's residents about the benefits of waste reduction/recycling and to provide them with information on how they can participate in waste reduction/recycling activities.

**Metro Activity:** Metro will perform promotion and education activities that relate to broad region-wide topics. Metro will inform local governments of upcoming promotional activities in order to avoid any unnecessary repetition of publicity or educational outreach, and to allow local governments to dovetail their promotion and education efforts with those of Metro to ensure the

best use of fiscal resources. Local governments will inform Metro of upcoming local promotion and education activities to enhance cooperative efforts.

**Troutdale Activity:** Troutdale will continue to perform education and promotion activities beyond the minimum levels set forth in the 1991 Oregon Recycling Act. Troutdale staff will continue running recycling articles in the quarterly Troutdale newsletter and coordinating an annual spring clean-up event. Ege Sanitary will continue sending notices every two months on each billing to its customers concerning the education and promotion of various upcoming recycling events. When necessary, Troutdale staff will draft education and promotion materials which Ege Sanitary will distribute to their customers. Troutdale will coordinate with other local jurisdictions where applicable to ensure the best use of fiscal resources for education and promotion materials.

## **7. "Buy Recycled"**

**Objective:** Maximize in-house purchasing, promotion and use of recycled products.

**Metro Activity:** Metro will provide technical assistance to support local government in-house purchasing programs.

**Troutdale Activity:** Troutdale will continue to maximize, to the extent practical, in-house purchasing, promotion and use of recycled products through the Finance Department. Staff will be encouraged where feasible to buy recycled products. Staff will continue to recycle office paper (colored and white), glass (clear and colored), aluminum beverage cans, computer paper, and newspaper.

## **8. Technical Assistance**

**Objective:** To provide the technical information necessary to implement new waste reduction programs.

**Metro Activity:** Metro will administer contracts for research and pilot projects on a variety of new waste reduction practices, systems, and technologies. Results of these efforts will be made available to local governments and the private sector.

**Troutdale Activity:** Troutdale will, as appropriate, provide input to Metro on possible future waste reduction programs such as expanded plastic recycling and capturing the organic waste stream. Food waste, for instance, is currently not recycled and would be considered part of the organic waste stream.

## **9. Funding for Waste Reduction and Recycling**

**Objective:** To provide additional funding to administer waste reduction and recycling programs.

**Metro Activity:** Metro will continue to commit meaningful levels of funding (e.g., "Metro Challenge" grant awards) to local governments that meet the standards of Metro's Annual Waste Reduction Program for Local Governments.

**Troutdale Activity:** Troutdale will continue to do its part to fully implement its Annual Waste Reduction Plan.

## **V. ADDITIONAL ACTIVITIES BEYOND THE METRO ANNUAL WASTE REDUCTION PLAN FOR LOCAL GOVERNMENTS 1994-95**

### **Design Review Standards**

Troutdale has been working on design review standards for garbage and recycling structures. These structures are installed as part of multi-family and commercial developments. Currently there are no specific standards for staff to follow. Staff intends to draft design review standards for approval during fiscal year 1994-95.

# APPENDIX A. TROUTDALE COMMERCIAL RECYCLING PLAN

## BACKGROUND

In Troutdale there is one franchised hauler, Ege Sanitary, who picks up garbage and recyclables in the City. Ege Sanitary is currently providing service to approximately 85 commercial customers and offers businesses the opportunity to recycle office paper, cardboard, glass, tin, steel, aluminum, newspaper, milk jugs (no other plastics), and wood. There is no mandatory recycling program for businesses. They have the option to recycle if they so desire. Currently, 60% of the 85 commercial customers are doing some level of recycling through Ege Sanitary. Ege Sanitary provides information to new and existing commercial customers. For instance, earlier this year office paper recycling was promoted and implemented with information on how to and who to contact for service. The information went out to all commercial customers. Ege Sanitary does not provide formal waste audits; however, they currently consult with each business on what they recycle and then let each business know what materials are available to them to recycle. Ege Sanitary is in the process of improving its records on all its commercial accounts within Troutdale. They are transferring their data onto a new computer database. The records specify each customer, recyclable materials if any, resulting from the customer's business, and if the customer is recycling materials through Ege Sanitary.

## SURVEY

Troutdale staff recently conducted a recycling survey to obtain input from the business community on commercial recycling. Questions covered materials currently recycled by Ege Sanitary, additional materials to recycle that presently are not, costs associated with recycling, and any changes or improvements to the current system. Out of the 85 commercial customers in Troutdale, 10 were surveyed. They were as follows:

1. Edgefield Manor
2. Shari's Restaurant
3. Dairy Queen
4. Texaco Food Mart
5. Columbia Gorge Factory Stores
6. Premier Aircraft Engines
7. Phoenix Inn
8. Burns Brothers
9. Toyo Tanso, USA
10. American Art Casting

It seemed evident that there needs to be a greater promotion of the recycling services provided by Ege Sanitary. In some cases people contacted in the survey were not aware of the extent of recyclable materials that Ege Sanitary could pick up. One business representative thought it would be better if a business did not have to do the sorting of its recyclable materials, the thinking being to make it easier for businesses to recycle. As far as additional materials to recycle that are currently not picked up Ege Sanitary, most of the businesses surveyed wanted a greater level of

plastic recycling. There was also some desire for more office products to be recycled (beyond just office paper) such as printer ribbons and cartridges. For the most part businesses felt that the costs associated with recycling services were justified and were willing to pay for those services to an extent. None of the people contacted could give an estimate on what cost limit was reasonable. As long as recycling is cost effective businesses will probably do it. That is the bottom line. It is possible that the positive comments regarding costs in this survey were due to a lack of information. Ege Sanitary does not separate garbage versus recycling costs on its billing statements. If businesses saw this separation of costs, the feedback from the survey in regard to cost could have been different.

## **FUTURE PLANS**

The recycling survey provided insight on possible future changes to commercial recycling in Troutdale. Materials such as plastics cannot be recycled until the market makes this possible. In Oregon there are no large processors to handle plastics like there are in the Seattle area or in other parts of the United States. Metro has begun to examine capturing the organic waste stream to help meet the statewide goal of 50% recovery from the general solid waste stream by the year 2000. If a system were established, it would need to be a regional effort. Local jurisdictions would look to Metro as the lead. Ege Sanitary already provides several commercial recycling services to the business community; however, there is room and need for expansion of these services.

## **PLAN FOR 1994-95**

The Comprehensive Commercial Recycling Plan for fiscal year 1994-95 will be comprised of seven elements.

### **1. Input From The Business Community**

Troutdale staff will seek input from the business community by giving members of the business community the opportunity for feedback on recycling programs. Troutdale staff will distribute surveys and other related materials to businesses in Troutdale.

### **2. Expanded Education and Promotion**

The commercial recycling survey conducted by City staff indicated a need for greater education and promotion in the business community of services already provided by Ege Sanitary. City staff will develop education and promotion materials for Ege Sanitary to distribute to Troutdale businesses. City staff will inform businesses of Metro workshops where feasible.

### **3. Additional Materials To Recycle**

City staff and the hauler have identified mixed waste paper, separate food wastes, and plastics (beyond milk jugs) as possible additional materials to recycle commercially. Troutdale staff will

examine these additional materials, consider what other surrounding communities are doing, and make recommendations to Council as necessary.

#### **4. Analyze The Commercial Rate Structure**

Troutdale staff will examine technical information provided by Metro on weight based commercial collection systems and recommend changes to the rate structure if necessary.

#### **5. Provide On-Site Collection For Source Separated Recyclables**

Ege Sanitary will continue to offer separate drop boxes for recycling of various materials.

#### **6. Waste Audit Program**

Ege Sanitary will conduct more comprehensive waste audits by contacting each customer, examine what is being disposed of as garbage, and examine what materials could be recycled, but are not at present. Ege Sanitary will begin doing one or two of these waste audits a month.