

**RESOLUTION NO. 1378**

**A RESOLUTION ADOPTING THE CITY OF TROUTDALE'S ANNUAL WASTE REDUCTION PLAN FOR YEAR NINE (1998-99)**

**WHEREAS**, Metro has been designated by the State of Oregon as the agency responsible for meeting recycling level mandates within the Metro region; and

**WHEREAS**, Metro has adopted a Regional Solid Waste Management Plan for the Metro Region; and

**WHEREAS**, the Regional Plan requires each local jurisdiction to prepare and implement an Annual Waste Reduction Plan.

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

That the City of Troutdale hereby adopts the attached Year Nine Annual Waste Reduction Plan.

**YEAS:** 6  
**NAYS:** 0  
**ABSTAINED:** 0

  
**Pat Thalhofer, Mayor**

**Dated:** 6-15-98

  
**George Martinez, City Recorder**

**Adopted:** 6-9-98

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# **CITY OF TROUTDALE YEAR NINE ANNUAL WASTE REDUCTION PLAN FISCAL YEAR 1998-1999**

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## **INTRODUCTION**

The Year Nine Waste Reduction Plan will serve as a work plan for the 98/99 fiscal year. Troutdale will actively work to meet individual local government goals and cooperatively assist Metro, other local governments, and Troutdale's local franchised hauler, Waste Management, throughout the year to meet regional goals and comply with state law.

## **I. RESIDENTIAL WASTE PREVENTION PRACTICES**

### **1. Education and Information for Waste Prevention**

- a) Troutdale will continue to emphasize waste prevention in local public education programs throughout the year. This is accomplished by educating our residents about waste prevention through the City's newsletter which is mailed out to all Troutdale residents about every 6 weeks. Troutdale will also include waste prevention messages in other public education materials and brochures including "The Troutdale Spring Recycler", which is devoted strictly to waste prevention and recycling and will be mailed to all Troutdale residents, including multi-family, in the spring of 1999. Waste prevention will also be emphasized at events such as Recycling Awareness Week/America Recycles Day and Earth Day. Additionally, Troutdale will include information about waste prevention in educational presentations given to students in Troutdale's summer recreation camps and throughout the school year (summer 1998 and ongoing throughout the year).
- b) Troutdale will assist Metro with the design and implementation of annual regional media campaigns focused on waste prevention.
- c) Troutdale will assist Metro with "Earth-Wise" purchasing and waste prevention programs focused on households (evaluate in July 1998).
- d) Troutdale will assist Metro in continuing to provide educational and promotional resources and materials to encourage the purchase of recycled products.

## **2. Expand Home Composting**

- a) Troutdale will continue to promote home composting and Metro's home composting workshops. This will be accomplished by including articles about home composting and Metro's home composting workshops in the City's newsletter that is mailed to all Troutdale residents. Troutdale will also include composting messages in various public education pieces mailed to all residents throughout the year including "The Troutdale Spring Recycler". Home composting information will also be included in educational presentations given by Troutdale's Environmental Specialist in Troutdale's summer camps and throughout the school year. The City continually advertises and administers the residential yard debris program, which allows approved home composters to currently save \$2.30 a month on their garbage bill. The City also distributes home composting brochures to residents at the front desk of City Hall and during yard debris exemption inspections throughout the year.
- b) Troutdale will continue to assist Metro in providing home composting workshops in the Spring and Fall.
- c) Troutdale will assist Metro with developing demonstration sites to serve all areas of the region

## **3. Expand and Increase Participation in Existing Residential Curbside Programs**

- a) Troutdale will continue to provide weekly curbside collection of yard debris, scrap paper, newspaper, magazines, empty aerosol cans, cardboard, motor oil, steel (tin) cans, aluminum, glass bottles & jars, plastic bottles and jugs, and scrap metal to residential customers. Troutdale will continually work with our franchised hauler and other local governments to expand and increase participation in existing residential recycling programs annually. Once data from the Year 8 low participation neighborhood project is finalized and reviewed, Troutdale will use this data to identify outreach strategies that may increase participation in the existing residential recycling program. These strategies will then be implemented and another assessment will be conducted to determine their effectiveness. Additionally, Troutdale will investigate the possibility of adding aseptics recycling (milk cartons and drink boxes) to the existing residential curbside program. Troutdale will also continue investigating the possibility of using a commingled preparation and collection system for curbside recyclables but will not shift toward this system until it has proven to be effective in other jurisdictions which are planning to implement the program in the near future, such as Portland.
- b) Troutdale will work with our franchised hauler, Waste Management of Oregon, to assess scrap paper curbside collection efforts in December 1998. Troutdale will work

with Waste Management to determine the cost of this service, the marketability of the scrap paper, the recovery rate, and the participation of residents in recycling this product. This information will be prepared in a report to be submitted to Metro.

- c) Troutdale will work with Waste Management to identify sources of yard debris in drop box rentals and develop strategies to target these sources. It is probable that much of the debris in drop box rentals is coming from construction sites. However, the City cannot regulate construction and demolition loads because they are not included in our franchise with Waste Management. Troutdale will work to develop new educational information for the construction industry that includes information to target the reduction of yard debris in drop box rentals. Program design 1998-99, implement 1999-00.
- d) Troutdale will ensure the placement of containers at all multi-family buildings for at least four materials. Currently, multi-family complexes with five or more units have containers for at least four or more recyclables. All new complexes are also provided with this same level of service or better. Troutdale's Environmental Specialist is involved in the plan review process for multi-family complexes to ensure that each complex provides containers for four or more recyclables (Ongoing throughout the year). Troutdale will continue to update and distribute educational materials through brochure mailings and the City newsletter throughout the year. Troutdale will continue to provide information to Metro in order to update database as needed. A multi-family survey will be sent to all multi-family complexes in Troutdale in June of 1998 to better understand the challenges in recycling at these complexes. The results from the survey will be compiled and evaluated in August/September of 1998 to determine what type of outreach strategies could help to improve the recycling at multi-family complexes. The City will then potentially implement some of these strategies in the fall/winter of 1998 and evaluate their effectiveness in spring of 1999.
- e) Troutdale will participate in regional education and promotion campaigns to support single and multifamily curbside recycling that pertain to the City of Troutdale recycling program. This will be in addition to all local education and promotion efforts that Troutdale participates in.
- f) Troutdale will assist Metro with the development of programs that target the reduction of yard debris in self-haul loads at disposal facilities. Program design 1998-99, implement 1998-99
- g) Troutdale will assist Metro with regional education and promotion campaigns to support single and multifamily curbside recycling.
- h) Troutdale will assist Metro with assessing scrap paper collection efforts in December of 1998.

#### **4. Develop New Collection Technologies**

- a) Troutdale will continue to investigate and examine new opportunities in collection technology (e.g., co-collection, alternative schedules, selective commingling, weight-based rates). The City will continue to examine collection technologies such as commingling and will work with Waste Management to investigate the benefits and costs of implementing a commingled collection system within the City of Troutdale. The City would support such a project if there is sufficient reason to believe that collection rates charged to customers would remain the same or decrease. The City would potentially administer such a program if the other commingling programs that are beginning in the near future prove to be effective over the next year.
- b) Troutdale will assist Metro with researching the strength of markets and market capacity for materials that might be added to curbside programs.

## **II. BUSINESS WASTE REDUCTION PRACTICES**

### **I. Waste Prevention and Recycling Education, Information and Market Development**

- a) Troutdale will continue to conduct waste prevention, diversion and procurement evaluations over the next few years with a goal of reaching 80% of targeted businesses by the year 2000. The City has prepared a list of the targeted businesses in Troutdale and is currently working to provide on-site waste evaluations to these businesses by the year 2000. Troutdale expects to meet or come close to meeting the interim goal of reaching 50% of targeted businesses by July 1998. This program will be assessed in July of 1998 to monitor the City's progress and an update will be provided in the City's Year End Report to Metro.
- b) Troutdale will continue to assist Metro with regional media campaign design and development. Any messages that will be conveyed in the regional media campaign will also be included in local outreach materials such as the Chamber of Commerce newsletter that is sent to all businesses within the City and other local commercial recycling and waste prevention brochures, which will be mailed to all commercial businesses in the fall of 1998 and in the spring of 1999.
- c) Troutdale will assist Metro with the development of model waste prevention programs for different types of businesses. This will be done by updating existing materials and considering adding additional business sectors. 45% of targets by July 2000.

- d) Troutdale will assist Metro with regional media campaigns emphasizing waste prevention and will lead all local efforts emphasizing waste prevention. This will be accomplished by including waste prevention messages in the Troutdale Chamber of Commerce Newsletter, brochures, Troutdale's Commercial Recycling Kit, and in on-site waste evaluations conducted by City staff.

## **2. Expand Source Separated Recycling**

- a) Troutdale's franchised hauler, Waste Management of Oregon, will continue to provide recycling collection for the following materials: paper (newspaper, corrugated cardboard, high-grade office paper, telephone books, scrap paper, magazines), containers (glass, steel, aluminum, PET & HDPE), scrap metal, wood scrap, tires, and yard debris from businesses. If Waste Management would not provide recycling service for a certain recyclable material, then in accordance with the City's franchise agreement, the City retains the right to contract with others to supply that service. Additionally, the franchise agreement also includes a provision that requires Waste Management to provide the opportunity to recycle to everyone within the City (residential, commercial, construction) in accordance with ORS 459A. If at any time a commercial business was not offered these services, this would be a violation of the franchise agreement and the franchise would be subject to possible termination. Troutdale's collection rates are structured to encourage businesses to practice waste prevention and recycling. As on-site waste evaluations are conducted, City staff does ensure that each business is aware of the recycling services offered and that they are receiving proper service.
- b) Troutdale's franchised hauler will continue to provide appropriate recycling containers to small businesses interested in recycling. Waste Management provides a wide selection of various recycling containers that each business can choose from. City staff ensures that businesses are receiving these containers during on-site waste evaluations performed at each business (100% by January 2000).
- c) Troutdale will continue to provide the business recycling recognition programs (i.e., BRAG program) to all of Troutdale's businesses. The BRAG program will be advertised through Troutdale's Commercial Recycling Kit, on-site waste evaluations, local brochures, and in the Troutdale Chamber of Commerce newsletter.
- d) Troutdale will continue to report to Metro on the percent of customers who recycle through their regulated solid waste hauler. This will be accomplished by including the appropriate information in the Year End Report. This report will include the percentage of customers recycling through their regulated solid waste hauler, any findings related to success or failure, any proposed changes to the current approach, and whether the City achieved its goals of increasing the number of businesses recycling in Troutdale through their regulated solid waste hauler to about 64% by the

end of the 1997/98 fiscal year and to about 70% by the end of the 1999 year.

- e) Troutdale will assist Metro in coordinating strategy to integrate waste evaluations, targeted generator studies and business organic processing efforts in order to accomplish the highest level of waste reduction.

### **3. Collection and Off-Site Recovery of Source Separated Food and Non-Recyclable Paper**

- a) Troutdale has already begun to prepare a listing of businesses in the City that could benefit from the collection of organics. Implementation of such a program is contingent upon development of regional processing capacity. However, Troutdale will work with Waste Management to discuss the issues involved in the collection of organics, such as collection efficiencies, routes, and the rate structure so we will be somewhat prepared to administer such a program if the regional processing capacity was developed.
- b) Troutdale will assist Metro with developing strategies to encourage siting of processing facilities for organic waste. Phase II of organic waste processing pilot project 1998-99.
- c) Troutdale will assist Metro with increasing efforts in the area of waste prevention, donation, and community partnerships for organic waste generators.

## **III. BUILDING INDUSTRIES WASTE REDUCTION PRACTICES**

### **1. Develop Targeted Technical and Educational Programs**

- a) The City of Troutdale Public Works Department will work with the City's Planning Division to identify construction and demolition sites within the City that would be appropriate for conducting on-site audits designed to increase waste prevention and recycling. A survey will be sent to all contractors working in Troutdale in June of 1998 to obtain more information about their recycling habits and what kind of information would help them in the future. The returned surveys will then be compiled and evaluated in August of 1998 to develop a list of contractors that do not recycle or know much about recycling. These construction sites will then be targeted for waste evaluations along with the list of construction sites obtained from the Planning Division. Troutdale will also create a brochure that will be sent to all contractors working in Troutdale, as well as being distributed in the Planning Division at City Hall,

that will promote the availability of these on-site waste reduction audits.

- b) Troutdale will assist Metro in using the existing building industry associations and networks including "Earth Wise Building Alliance", to provide technical assistance and train builders about salvage, waste reduction, recycling, buy-recycled and other environmental building practices.
- c) Troutdale will assist Metro with conducting on-site audits at construction and demolition sites to promote waste prevention.

## **2. On-Site Source Separation of Recyclables at Construction and Demolition Sites**

- a) Waste Management will continue to provide recycling containers for a variety of construction waste such as land-clearing debris, metal, wood, cardboard, concrete, and drywall. However, construction and demolition sites are not regulated through the City's franchise agreement. Therefore, the City can't assure the availability of on-site services for two or more materials or ensure that generators requesting hauling services for construction and demolition sites are offered these services from haulers not franchised within the City.
- b) Troutdale will continue to promote and educate contractors about on-site recycling collection services. This will be accomplished through a brochure that will be sent out to all contractors in the summer/fall of 1998, through an informative construction and demolition card distributed in the City's Planning Division, and by distributing Metro's 1998 Construction Site Recycling Guide in the Planning Division.
- c) Troutdale will assist Metro in developing educational materials that target new recoverable materials for source separation when markets are available. Materials to be developed by July 1999, implement FY 99-00 contingent upon favorable markets.

## **3. Develop Markets to Support Reuse and Recycling rather than Energy Recovery**

- a) Troutdale will assist Metro in supporting salvage practices and markets for reused building materials. (Monitor private sector progress in the use of salvaged building materials).
- b) Troutdale will assist Metro in supporting the development of industries using recycled construction and demolition materials.

**VI. SOLID WASTE FACILITIES AND SERVICES:**  
**HOUSEHOLD HAZARDOUS WASTE MANAGEMENT**

**1. Continue to Provide Hazardous Waste Collection, Recycling and Disposal**

- a) Troutdale will continue to promote household hazardous waste prevention and reduction through adult and school education programs. Information about household hazardous waste prevention and reduction will be included in the City's newsletter, "The Troutdale Spring Recycler", and in other local mailings throughout the year. Information on household hazardous wastes will also be provided to students during educational presentations given by Troutdale's Environmental Specialist in the City's summer camps and throughout the school year. This information will also be included in additional events such as Earth Day and Recycling Awareness Week/America Recycles Day.
- b) Troutdale will continue to promote the use of Metro's two permanent household hazardous waste collection facilities. This will be accomplished by including information in the City's newsletter, "The Troutdale Spring Recycler", and in local brochures where appropriate. Troutdale will also advertise Metro's mobile household collection event for East Multnomah County in the previously mentioned publications. Metro flyers publicizing these events will be distributed at the front desk of Troutdale City Hall.
- c) Troutdale will assist Metro in the siting and staffing of household hazardous waste mobile collection events in our jurisdiction.
- d) Troutdale will assist Metro in promoting household hazardous waste prevention and reduction through adult and school education programs.
- e) Troutdale will assist Metro in providing service to outlying areas not conveniently served by permanent household hazardous waste collection facilities. Troutdale will assist in identifying areas of need, staffing, and siting of mobile collection events.

**VII. ADDITIONAL OR ONGOING LOCAL GOVERNMENT PROGRAMS OR TASKS**

<b>Ongoing or Existing Local Government Programs and Tasks</b>			
<b>Program/Task</b>	<b>1998-99 with no changes (✓)</b>	<b>1998-99 with change (✓)</b>	<b>Explanation of program/task change during 1998-99.</b>
Implement and promote Oregon Green Schools program to Troutdale schools.		X	This is a new program being offered within the City of Troutdale
Implement and promote Troutdale's School Recycling and Waste Reduction Incentives Program that is offered by the City of Troutdale to Troutdale schools.		X	This is a new grant program administered by the City of Troutdale to offer grant funding for innovative school recycling and waste reduction programs.
Comply with all Oregon State Laws.	X		
Conduct the City of Troutdale's Annual Spring Cleanup yard debris collection event.	X		
Continue to offer the City's Yard Debris Exemption Program to all Troutdale residents.	X		
Low participation neighborhood project – implement outreach strategies and evaluate their effectiveness	X		