

RESOLUTION NO. 1440

A RESOLUTION ADOPTING THE CITY OF TROUTDALE'S ANNUAL WASTE REDUCTION PLAN FOR YEAR TEN (1999-2000)

THE TROUTDALE CITY COUNCIL FINDS AS FOLLOWS:

1. Metro has been designated by the State of Oregon as the agency responsible for meeting recycling level mandates within the Metro region; and
2. Metro has adopted a Regional Solid Waste Management Plan for the Metro Region; and
3. 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 Ten Annual Waste Reduction Plan.

YEAS: 5

NAYS: 0

ABSTAINED: 0


Paul Thalhofer, Mayor

Dated: 6/9/99



Debbie Stickney, City Recorder

Adopted: 6/8/99

CITY OF TROUTDALE



YEAR TEN ANNUAL WASTE REDUCTION PLAN



CITY OF TROUTDALE

YEAR 10 ANNUAL WASTE REDUCTION PLAN

FISCAL YEAR 1999 TO 2000

INTRODUCTION

The Year Ten Waste Reduction Plan will serve as a work plan for the 1999/2000 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

I. Education and Information for Waste Prevention

Local Government Priority Tasks:

- 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, "The Troutdale Champion", which is mailed out to all Troutdale residents and businesses about every six weeks. Troutdale will also include waste prevention messages in other public education materials and brochures including "The Troutdale Spring Recycler" which is mailed to all residents and businesses in Spring of 2000, and at recycling events such as Earth Day and America Recycles Day. Additionally, waste prevention information will also be included in educational presentations given to students in Troutdale's summer recreation camps and throughout the school year.

Date First Implemented	1999-2000 Ongoing? (Yes/No)	1999-2000 Program Changes
1995	Yes	Waste prevention information will now also be made available to the public at the new information shelf at the entrance to City Hall. The City will also develop informational recycling and waste reduction "shelf talkers" to put on the grocery store shelves to provide information on waste prevention and what materials are recyclable.

Metro Priority Tasks – Troutdale to Assist:

- a) Troutdale will assist Metro with the design and implementation of annual regional media campaigns focused on waste prevention.

- b) Troutdale will assist Metro in continuing with "Earth-Wise" purchasing and waste prevention programs focused on households.
- c) 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

Local Government Priority Tasks:

- a) Troutdale will continue to promote home composting and will assist Metro by promoting Metro's home composting workshops. This will be accomplished by including articles about home composting and home composting workshops in the City's newsletter, "The Troutdale Champion", as well as other education pieces throughout the year such as "The Troutdale Spring Recycler". Information will also be included in educational presentations given by the City's Environmental Specialist at Troutdale's summer camps and to students throughout the school year. The City also continually advertises and administers the City's compost exemption program, which allows approved home composters to currently save \$2.30 a month on their garbage bill. The City distributes Metro's composting brochures to residents during yard debris exemption inspections throughout the year.

Date First Implemented	1999-2000 Ongoing? (Yes/No)	1999-2000 Program Changes
1995	Yes	Metro's home composting brochures and other composting information is made available to the public at the information shelf at the entrance to City Hall.

Metro Priority Tasks – Troutdale to Assist:

- a) Troutdale will assist Metro in continuing to provide home composting workshops in the Spring and Fall.
- b) Troutdale will assist Metro with developing and maintaining demonstration sites to serve all areas of the region.

3. Expand and Increase Participation in Existing Residential Curbside Programs

Local Government Priority Tasks:

- a) Troutdale will work with the City's franchised hauler to expand and increase participation in existing residential recycling programs annually. Troutdale will continue to provide and promote weekly curbside collection of yard debris, scrap paper, newspaper, magazines, empty aerosol cans, motor oil, cardboard, steel (tin) cans, aluminum, glass bottles & jars, plastic bottles and jugs, and scrap metal to residential customers. Troutdale will continually work with other local governments and our franchised hauler to expand and increase participation in existing residential recycling programs annually.

Date First Implemented	1999-2000 Ongoing? (Yes/No)	1999-2000 Program Changes
1990	Yes	Investigating the feasibility of beginning a commingling recycling preparation and collection system for curbside recyclables and adding milk cartons recycling to the program.

- b) Troutdale will monitor multifamily recycling service availability to maintain provision of collection services for at least four materials at the 85% completion level. Troutdale ensures the placement of containers at 100% of all multi-family buildings for at least four materials. Troutdale conducted inspections of multi-family buildings last year to ensure that all multi-family complexes with five or more units have containers for at least four or more materials. 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. Troutdale will continue to update and distribute educational materials through brochure mailings and the City's newsletter throughout the year. Troutdale will continue to provide information to Metro in order to update their database as needed.

Date First Implemented	1999-2000 Ongoing? (Yes/No)	1999-2000 Program Changes
1995	Yes	Troutdale will send out a specific multi-family brochure in the summer of 1999 to all multi-family residents and will investigate the feasibility of providing informational recycling signs for all multi-family solid waste and recycling enclosures in the summer of 1999.

- c) 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. Troutdale will locally promote the Metro produced Fall 1999 regional outreach campaign that will combine waste prevention and recycling messages in outreach materials.

Date First Implemented	1999-2000 Ongoing? (Yes/No)	1999-2000 Program Changes
1994	Yes	Troutdale will promote the campaign in various public education pieces such as "The Troutdale Champion" or other informational brochures and events and will make information available at the information shelf at the entrance to City Hall.

Metro Priority Tasks – Troutdale to assist:

- a) If need is determined by the results of the DEQ Waste Composition Study, Troutdale will assist Metro in developing programs that target the reduction of yard debris in self-haul loads at disposal facilities.
- b) Troutdale will assist Metro with regional education and promotion campaigns to support single and multifamily curbside recycling..
- c) Troutdale will assist Metro with assessing scrap paper markets 1999-00.

4. Develop New Collection Technologies

Local Government Priority Tasks:

- a) Troutdale will continue to investigate and examine new opportunities in collection technology such as commingling.

Date First Implemented	1999-2000 Ongoing? (Yes/No)	1999-2000 Program Changes
1997	Yes	Continue to examine the benefits and costs of collection technologies such as a commingling collection system and new equipment technologies with our garbage hauler, Waste Management. 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 continues to participate in the local government commingling meetings and continues to investigate the possibility of beginning a commingling collection system this year.

Metro Priority Tasks – Troutdale to Assist:

- a) Troutdale will assist Metro with researching the strength of markets and market capacity for materials that might be added to curbside programs as local conditions require.

II. BUSINESS WASTE REDUCTION PRACTICES

NOTE: The recommendations forthcoming from the State of the Regional Solid Waste Management Plan Report as well as the Commercial Waste Assessment currently being conducted in the region may significantly impact some of the tasks listed below.

1. Waste Prevention and Recycling Education, Information and Market Development

Local Government Priority Tasks:

- a) Troutdale has conducted waste prevention, diversion and procurement evaluations and has reached our goal of reaching at least 80% of targeted businesses by 2000. Troutdale has actually conducted waste evaluations for 99% of the targeted businesses. Troutdale will provide Metro with an updated report in the City's Year End Report. Troutdale will continue to offer free evaluations to businesses and will promote these free evaluations in public education pieces such as "The Troutdale Champion" and the fall commercial recycling brochure that are sent to all Troutdale businesses. Troutdale will now work to compile the data from the evaluations to evaluate the following: what are the most prevalent materials that are being recycled; what materials are not being recycled; what businesses do a good job; and what businesses could use some additional outreach. Once this data has been compiled, the City will work to evaluate additional outreach strategies that could benefit these businesses. The City will also investigate the possibility of attending Chamber of Commerce meetings to involve more recycling and waste prevention information in local meetings.

- b) Troutdale will assist Metro with regional media campaign design and development and will work to apply messages in our local newsletter or other public education pieces such as "The Troutdale Champion" newsletter as appropriate.

Metro Priority Tasks – Troutdale to Assist:

- a) Troutdale will assist Metro with the development of model waste prevention programs developed for different types of businesses. This will be done by updating existing materials and considering adding additional business sectors.
TARGET: 45% of targets by July 2000.

- b) Troutdale will assist Metro with regional media campaigns emphasizing waste prevention and will lead all local efforts emphasizing waste prevention.
TARGET: Regional media campaign planned for Spring 2000.

2. Expand Source Separated Recycling

Local Government Priority Tasks:

- a) Troutdale will continue to work with our franchised hauler to provide collection of paper (newspaper, corrugated cardboard, high-grade office paper, and scrap paper) and containers (glass, steel, aluminum, PET & HDPE) from businesses. For businesses that do not dispose of significant quantities of paper and containers, the most prevalently disposed recyclable materials (e.g. scrap metals, wood, yard debris, or plastic film) will be collected. These collection options are included in public local education pieces such as "The Troutdale Champion", the Troutdale Chamber of Commerce newsletter, and in the City's fall 1999 commercial brochure that is mailed to all commercial customers.

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. Troutdale's collection rates are structured to encourage businesses to practice waste prevention and recycling. As on-site waste evaluations are conducted, staff ensures that each business is aware of the recycling services offered. The City will also investigate the possibility of attending the Troutdale Chamber of Commerce meetings to discuss recycling and waste prevention issues with businesses and to ensure that all businesses are aware of the recycling services offered to them and the cost savings. **TARGET:** 100% of businesses by January 2000.

- b) Troutdale will continue to work with our franchised hauler to ensure that appropriate recycling containers are provided to small businesses. Information on the containers that are available is included in educational pieces such as the fall 1999 commercial recycling mailing. 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. Additionally, City staff will investigate the possibility of attending the Troutdale Chamber of Commerce meetings to discuss any recycling and waste prevention issues with Troutdale businesses and to ensure that all businesses are aware of the recycling containers made available to them. The City will also develop an informational flyer for business owners that will include recycling information, waste evaluation information, and the recycling containers available. This flyer will be distributed during plan review sessions to assist the owners in planning for their business. **TARGET:** 100% by January 2000
- c) Troutdale will continue to provide business recycling recognition programs (i.e., BRAG program) to all of Troutdale's businesses. Metro will assist Troutdale in providing these programs. The BRAG program will be advertised through Troutdale's Commercial Recycling Kit, on-site waste evaluations, the spring BRAG mailer, public education pieces, and in the Troutdale Chamber of Commerce Newsletter. Troutdale also hopes to promote the program at Chamber of Commerce meetings.
- d) Troutdale will continue to report to Metro on the percent of customers who recycle through their regulated solid waste hauler. Troutdale will include information on the 1999 target and any findings related to success or failure, and any proposed changes to the current approach. This information will be included in the Year End Report. The report will include the percentage of customers who recycle through their solid waste hauler, any findings related to success or failure, any proposed changes to their 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 70% by the end of the 1999 calendar year.

Metro Priority Tasks – Troutdale to assist:

- a) Troutdale will assist Metro with and support promotion of BRAG program on a regional level.

- b) Troutdale will assist Metro in coordinating a strategy to integrate waste evaluations, targeted generator studies and business organic processing efforts in order to accomplish the highest level of waste reduction.
- c) Troutdale will assist Metro in conducting a comprehensive commercial measurement study to assist in local and regional planning efforts.

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

NOTE: The feasibility of implementing an organics recovery program will be determined by a cooperative regional planning effort to begin in Spring/Summer 1999. The results of this effort will determine future actions in this arena.

Local Government Priority Tasks:

- a) If the proper regional processing capacity is developed for organics material, Troutdale will work with larger generators and our franchised garbage hauler to develop organic waste collection systems for those larger generators. Troutdale has already compiled a list of businesses in the City that could benefit from the collection of organics. Troutdale will continue to work with Waste Management to discuss the issues involved in the collection of organics, such as collection efficiencies, routes, and the rate structure so that we will be somewhat prepared to administer such a program if the regional processing capacity was developed.

Metro Priority Tasks – Troutdale to assist:

- a) Troutdale will assist Metro in developing strategies to encourage siting of processing facilities for organic waste.
- b) Troutdale will assist Metro in increasing efforts in the area of waste prevention, donation, and community partnerships for organic waste generators.

4. Regional Processing Facilities for Mixed Dry Waste

Local Government Priority Tasks:

- a) Troutdale will assist with Metro tasks listed below.

Metro Priority Tasks – Troutdale will Assist:

- a) Troutdale will assist Metro in analyzing waste composition data to determine if marketable materials are present in recoverable quantities at processing facilities.
- b) Troutdale will assist Metro in examining factors that affect post-collection recovery, including System Fee Credits, waste composition and source separation programs.
- c) Troutdale will assist Metro in analyzing the transfer station service plan to determine if the western part of the Metro region needs additional post collection recovery.

III. BUILDING INDUSTRIES WASTE REDUCTION PRACTICES

I. Develop Targeted Technical and Educational Programs

Local Government Priority Tasks:

- a) Troutdale Public Works will work with the City's Building Department to identify construction and demolition sites within the City that would be appropriate for conducting on-site audits designed for increasing waste prevention and recycling. Once a list of possible sites is developed, on-site audits of these sites will be conducted to analyze waste prevention and recycling practices. Troutdale will work with Metro to conduct the waste evaluations in the summer of 1999 and the Spring of 2000. Troutdale will send all contractors working within the City a brochure on waste prevention and recycling in the summer/fall of 1999 and in the Spring of 2000. Additionally, Troutdale will work to educate owners during the plan review process and pre-application meetings about the cost savings from recycling at the construction site and encourage them to require their contractors to recycle. To aid them in this process, Troutdale will develop a model recycling and waste prevention specification in the summer of 1999 for owners to include in their bidding documents for construction projects that requires the contractors to recycle construction materials on-site to create less waste. This specification will be given to the owner during the pre-application conference.

Metro Priority Tasks –Troutdale to Assist

- a) 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.
- b) 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

Local Government Priority Tasks:

- a) Troutdale will work with our hauler to assure the availability of on-site services for two or more materials and ensure that generators requesting hauling services for construction and demolition sites are offered these services. Currently, Waste Management provides containers and services for a variety of construction wastes 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 two or more materials 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 is accomplished through an informative construction and demolition card that is distributed to Contractors in the City's Planning Division, through a construction and demolition informational billboard in the Planning Division, through the distribution of Metro's Construction Site Recycling Guides and through a construction site recycling brochure that will be mailed to all contractors working in the City in the Summer of 1999 and the Spring of 2000. Troutdale will also provide information to owners on recycling and its cost savings through the plan review process and pre-application meetings and will provide owners with a model specification for the owner to use when bidding their job that would require the contractor to recycle.

Metro Priority Tasks – Troutdale to Assist:

- a) Troutdale will assist Metro in developing educational materials that target new recoverable materials for source separation when markets are available.

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

Local Government Priority Tasks:

- a) Troutdale will assist with Metro tasks listed below.

Metro Priority Tasks – Troutdale to Assist:

- a) Troutdale will assist Metro in supporting salvage practices and markets for reused building materials.
- b) Troutdale will assist Metro in supporting the development of industries using recycled construction and demolition materials.

4. Develop Regional Dry Waste Processing Facilities for Waste from Sites Where Separation and Collection of Recyclables is Not Possible

Local Government Priority Tasks:

- a) Troutdale will assist with Metro tasks listed below.

Metro Priority Tasks – Troutdale to Assist:

- a) Troutdale will assist Metro in analyzing waste composition data to determine if marketable materials are present in recoverable quantities at processing facilities.
- b) Troutdale will assist Metro in examining factors that affect post-collection recovery, including System Fee Credits, waste composition and source separation programs.
- c) Troutdale will assist Metro in analyzing the transfer station service plan to determine if the western part of the Metro region needs additional post-collection recovery.

**IV. SOLID WASTE FACILITIES AND SERVICES:
REGULATION AND SITING**

Local Government Priority Tasks:

a) Troutdale will assist with Metro tasks listed below.

Metro Priority Tasks – Troutdale to assist:

- a) Troutdale will assist Metro in continuing to implement the composting facility franchise and licensing program and facility oversight.
- b) Troutdale will assist Metro in continuing to provide assistance and active participation in local government siting and zoning code development and revision process.

**V. SOLID WASTE FACILITIES AND SERVICES:
TRANSFER AND DISPOSAL SYSTEM**

Note: Specific recommendations will be developed after the service plan has been completed in Summer 1999.

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

NOTE: During fiscal year 1998-99, Metro will be coordinating a household hazardous waste planning process which will include the revision of the RSWMP chapter on Hazardous Waste. This process may result in changes to the following 1999-00 work areas and tasks

1. Continue to Provide hazardous Waste Collection, Recycling and Disposal

Local Government Priority Tasks:

- a) Troutdale will continue to promote household hazardous waste prevention and reduction through adult and school education programs (cooperative with Metro). Information on household hazardous waste prevention and reduction will be included in the City's newsletter, "The Troutdale Spring recycler", on-site waste evaluations and in various public education pieces and educational presentations throughout the year. This information will also be included in events such as Earth Day and America Recycles Day.

Date First Implemented	1999-2000 Ongoing? (Yes/No)	1999-2000 Program Changes
1994	Yes	Information on household hazardous waste prevention and reduction will also be made available at the information shelf in the entrance of City Hall

- b) Troutdale will continue to promote the use of Metro's two permanent household hazardous waste collection facilities. Information on Metro's facilities will be included in the City's newsletter, "The Troutdale Spring Recycler", and in various public education and educational presentations throughout the year.

Date First Implemented	1999-2000 Ongoing? (Yes/No)	1999-2000 Program Changes
1994	Yes-Ongoing	Information on Metro's permanent household hazardous waste collection facilities will also be made available at the information shelf in the entrance of City Hall.

- c) Troutdale will assist Metro in the siting and staffing of household hazardous waste mobile collection events in our jurisdiction.

Metro Priority Tasks – Troutdale to Assist:

- a) Troutdale will assist Metro in promoting household hazardous waste prevention and reduction through adult and school education programs.
- b) Troutdale will assist Metro in promoting existing facilities to increase the number of customers served in total and by geographic regions.
- c) Troutdale will assist Metro in providing service to outlying areas not conveniently served by permanent household hazardous waste collection facilities by identifying areas of need, staffing, and siting of mobile collection events.

VII. ADDITIONAL OR ONGOING LOCAL GOVERNMENT PROGRAMS OR TASKS

Please provide a description of any additional or ongoing waste reduction and recycling programs implemented in your jurisdiction that have not been mentioned earlier in this plan. If any of these tasks or programs are being changed during fiscal year 1999-00, please explain the changes that will take place and how they will impact local and regional waste reduction efforts.

Ongoing or Existing Local Government Programs and Tasks			
Program/Task	1999-00 with no changes (✓)	1999-00 with change (✓)	Explanation of program/task change during 1999-00.
Implement and promote Oregon Green Schools program to Troutdale schools.	✓		
Implement and promote Troutdale's School Recycling and Waste Reduction Incentives Program that is offered by the City of Troutdale to all Troutdale Schools.	✓		
Comply with all Oregon State Laws	✓		
Conduct the City of Troutdale's Annual Spring Cleanup Event	✓		
Continue to offer and administer the City's Yard Debris Exemption Program to all Troutdale residents.	✓		