



COUNTY OF PEORIA

Peoria County Courthouse, Room 402
324 Main Street, Peoria, Illinois 61602
Phone: (309) 672-6932 Fax: 672-6054
TDD Relay Service: (800) 526-0844

Solid Waste Management
Ralph Moebus, Director

May 3, 1996

Ms. Linda Hinsman, Manager
Planning and Grants Unit--IEPA
Solid Waste Management Section
2200 Churchill Road, PO Box 19276
Springfield IL 62794-9276

Re: Peoria County Solid Waste Management Plan--Five Year Update
Certified Letter #: P 168 223 825

Dear Ms. Hinsman:

Attached is the completed form IEPA suggested following to meet the required five year Solid Waste Management Plan update for Peoria County, Illinois. As presented, Peoria County has successfully implemented a Commercial Recycling Ordinance (CRO) and will be focusing on a county-wide residential recycling program. The 25% recycling rate goal should be accomplished this year, and we are hopeful in maintaining this momentum and reaching beyond our expectations.

If you need any further information about our Integrated Solid Waste Management Plan or Five Year Update, don't hesitate to contact us.

Sincerely,

Ralph Moebus

RM/kr

Attachments

cc: Jack Manahan
Sharon Kennedy
Solid Waste Committee





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FIVE YEAR MUNICIPAL WASTE MANAGEMENT PLAN UPDATE

The IEPA Agency has prepared this form to assist local governments with the five year updates of municipal waste (MW) plans. Although local governments may prepare and submit a more extensive document, the Agency will consider submission of this completed form to be the plan update required under the Solid Waste Planning and Recycling Act (SWPRA).

Attach additional labeled pages as necessary.

GENERAL INFORMATION

Local Government: Peoria County
Contact Person: Ralph Moebus, Solid Waste Management Director
Address: Peoria County Courthouse
324 Main Street Room 402
Peoria IL 61602-1319
Telephone: 309/672-6932 Plan Adoption Date: May 13, 1991
Re-Adoption Date: Plan Update Due: May 13, 1996

1. Recommendations and Implementation Schedule Contained in the Adopted Plan

- This information should be easily accessible in the plan's Executive Summary or Recommendations chapter. Briefly describe the recommendations and implementation schedule for each alternative in the adopted plan below.

The Peoria County Board recommended to adopt a solid waste management system using the state established Phase II criteria to include the following key elements:

a. Source Reduction

- Continued Composting and Land Application of Landscape Waste. Educational efforts will be aimed at convincing residents to leave grass clippings on their lawns.



- Compost landscape waste at home, reducing the need to collect these materials and compost them centrally.
- Increased Source Reduction Through and Active Educational and Promotional Program. The source reduction program, which includes promotion and education activities, will be directed by the County's Solid Waste Management Director.

b. Recycling and Reuse

- Expansion of Commercial and Industrial Recycling Throughout Peoria County. The solid waste management system chosen to be implemented by Peoria County calls for the commercial and industrial recycling rate (as a percent of total county waste generation) to increase approximately 14 percent by 1995 over 1988 rate. To achieve this rate, approximately 85 percent of the commercial and industrial wastestream will need to be served by the recycling program. To accomplish the targeted commercial and industrial recycling rates, new recyclables processing capacity will need to be developed. Therefore, Peoria County's solid waste management plan calls for the procurement of a mixed commercial and industrial waste processing facility by 1995.
- Substantial Expansion of Residential Recycling Through a Combined Program of Curbside Collection and Drop-Off Centers. Curbside collection will be implemented in a phased manner, eventually serving at least 25 percent of the County's population. An expanded network of drop-off centers will provide recycling opportunities for servicing residents in municipalities and rural areas. The County's plan calls for 75 percent of the County's population to eventually have drop-off facilities available.
- Development of Opportunities for the Recycling of Construction and Demolition Debris. An accurate rate of construction and demolition debris recycling was not obtained during Phase I of the planning process. Therefore, data on recycling rates will need to be obtained during 1991. The County's plan has targeted 25 percent of

the construction and demolition debris generated in the County to be recycled by 1995.

- An Evaluation of Options for the Separate Collection and Disposal of Household Hazardous Wastes.
- Increased Opportunities for the Recycling of Bulky Waste (For Example, Appliances, Tires, and Motor Oil).

c. Combustion for Energy Recovery

- Maintain Current Levels of Combustion. No specific goals are established for expanding combustion of municipal solid waste in Peoria County.

d. Combustion for Volume Reduction

- Maintain Current Levels of Combustion. No specific goals are established for expanding combustion of municipal solid waste in Peoria County.

e. Disposal in Landfills

- Landfill Disposal of Wastes that are Neither Recycled nor Combusted. The projected remaining life of permitted landfill space in Peoria County is approximately 5 years. An expansion of Peoria City/County Landfill is being evaluated that would add an additional 17 years of capacity to the existing facility. This expansion would create landfill capacity for the duration of the plan's 20-year period.

2. **Current Plan Implementation Efforts**

a. Which recommendations in the adopted plan have been implemented?

- Continued Composting and Land Application of Landscape Waste. This has implemented through a permitted compost facility as of January 1991.

- Increased source reduction through an active educational and promotional program by hiring a recycling educator (in 1993) who provides educational presentations to public and private schools in the County. Also, initiated a paper procurement policy for County buildings.
- Expansion of commercial and industrial recycling throughout Peoria County by implementing a Peoria County Commercial Recycling Ordinance, effective January 1, 1994 (see attached ordinance and resolution).
- Expansion of residential recycling by implementing four drop-off centers in 1994 (see attached brochures).
- Coordinated two IEPA hazardous household waste events on April 4, 1992 and April 20, 1996 (see attached flier).
- Increased Opportunities for the Recycling of Bulky Waste (For Example, Appliances, Tires, and Motor Oil). Appliances and tires are now being collected through private processing companies in the area, due to IEPA's order on July 1, 1994. The amount of motor oil being recycled is increasing through auto dealerships and oil/lube change dealers.
- Landfill Disposal of Wastes that are Neither Recycled nor Combusted. The siting fee for the new landfill #2 was approved by the County Board on November 14, 1995, with an estimated 17 year landfill space capacity. The existing landfill #1 will be reaching capacity by approximately November 1997 (see attached siting approval document).

Briefly describe which recommendations were not implemented and the reasons why these were not implemented.

A Materials Recycling facility (MRF) feasibility study was performed in 1992. The legislation of a flow ordinance not being permissible with the combination of a \$9 million facility expense to be constructed, the County Board decided not to pursue this solid waste plan recommendation. Instead, a Commercial Recycling Ordinance (CRO) was adopted on July 13, 1993 and was effective January 1, 1994.

An expansion of a residential recycling curbside collection program has not yet been pursued, since 54% of the waste is generated by the commercial sector and only 38% is residential. There will be a greater push for residential recycling in the next two years.

- b. Which recommendations in the adopted plan have been implemented according to the plan's schedule?

Refer to 2a

Briefly describe which recommendations were not implemented according to the adopted plan's schedule, and attach a revised implementation schedule.

Refer to brief description under 2a. Further analysis of the existing plan may be performed in 1996. Also, public hearings may be provided for community feedback. After all this is accomplished then an implementation schedule of these particular recommendation will be developed.

3. **Recycling Program Status**

Because the Agency's annual landfill capacity report includes data on each adopted plan's recycling status, information on your recycling percentages is not being requested on this form. This will avoid duplication of efforts.

- a. Has the program been implemented throughout the county or planning area?
yes X no _____
- b. Has a recycling coordinator been designated to administer the program?
yes X no _____ If yes, when? July 1990
- c. Does the program provide for separate collection and composting of leaves?
yes X no _____

- d. Does the recycling program provide for public education and notification to foster understanding of an encourage compliance with program?
 yes X no _____
- e. Does the recycling program include provision for compliance, including incentives and penalties?
 yes X no _____ If yes, please describe.

Peoria County Code Section 7.1-5 Violations and Penalties

(a) *Civil penalties.*

- (1) Any licensed hauler who violates any provision of this chapter shall be subject to a fine of fifty (\$50.00) for the first violation; one hundred dollars (\$100.00) for the second violation; and two hundred dollars (\$200.00) for a third violation. In the case of a fourth violation, a fourteen-day suspension of a license to collect or haul garbage, municipal waste, recyclable materials, yard waste, brush, or other refuse within the county shall be imposed. A fifth violation may result in two (2) months suspension of license. For further subsequent violation(s), the license may be revoked for the remainder of the license term plus an additional year. For purposes of enforcement, the period of time in which these violations accumulate shall be the period of the license.
 - (2) Any commercial customer of a commercial establishment who violates any provision of this chapter shall be subject to a fine of up to five hundred dollars (\$500.00). Each day any violation of this chapter continues shall constitute a separate offense.
 - (3) Any person who scavenges municipal waste and recyclable materials that have been set out by residents, or businesses, or the county specifically for an authorized collection under this chapter shall be subject to a fine of up to five hundred dollars (\$500.00). Each day any violation of this chapter continues shall constitute a separate offense.
- (b) *Warnings.* The department or any of its duly authorized representatives will issue a warning notice to anyone observed not in compliance with any provision of this chapter.
- (c) *Injunctive relief.* The county may institute appropriate actions or proceedings, including application for injunctive relief, action to compel performance or other appropriate action to prevent, restrain, correct, or abate any violation of threatened violation of this chapter.

- f. Does the program include provisions for recycling the collected materials identifying potential markets for at least three materials, and promoting the use of products made from recovered or recycled materials among businesses, newspapers, and local governments?
 yes X no If yes, please describe.

The Solid Waste Management Department publishes a listing of Processors, Haulers, and End Markets in the area. Please refer to the attachment.

- g. Provide any other pertinent details on the recycling programs.

4. Current Needs Assessment Information (optional)

Depending upon the available resources, updated waste generation data, current municipal waste recycling and disposal information, and any other recent available data may be included; this information will not be required by the Agency.

- | | | | | | |
|----|-----------------------------------|-------------------------------------|------|-------------------|-------------|
| a. | MW generated per year: | 229,673 | tons | <u> </u> | cubic yards |
| b. | MW generation rate: | 6.83 | pcd | (lbs/capita/day) | |
| c. | MW recycled/year: | 85,007 | tons | | |
| d. | MW incinerated/year: | ? | tons | <u> </u> | cubic yards |
| e. | MW landfilled/year: | 160,000 | tons | <u> </u> | cubic yards |
| | Time period for this information: | <u> YTD 1995 </u> | | | |

5. New Recommendations and Implementation Schedule

Due to political, fiscal, or technological changes, a local government may choose to recommend different waste management options for the revised plan. It should be noted, however, that the recycling program requirements of the SWPRA must be followed. Discuss any new recommendations included in the revised plan, and the implementation schedule to be followed.

Any new recommendations with revised plan and implementation schedule may be addressed at a later point in time this year. See attached resolution of Five Year Update which was passed by the Solid Waste Committee and approved unanimously by the Peoria County Board (certified statement).

As of May 3, 1996