

Chapter LAD 3

SOLID WASTE MANAGEMENT PLANNING CRITERIA

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PREAMBLE

An essential part of solid waste management is the development of plans for the establishment and maintenance of effective and efficient solid waste management systems. The purpose of these rules is to provide minimum criteria for the development of county and multi-county solid waste management plans.

LAD 3.01 Applicability. The provisions of this chapter govern the development of county and multi-county plans for organizing, financing and implementing programs to effect the generation, storage, collection, transporting, processing, recycling or final disposal of solid waste in a sanitary, nuisance-free manner in keeping with ss. 144.435 and 144.437, Stats.

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72.

LAD 3.02 Procedure. (1) REVIEW AND APPROVAL. Plans will be approved pursuant to s. 144.435, Stats.

(2) PROCEDURE. (a) A county or counties may submit preliminary plans to the department of local affairs and development for review and comment. Six copies of the final plan shall be forwarded to the department of local affairs and development for review and comment.

(b) Final plans shall be transmitted with a county board resolution requesting that the plans be reviewed and approved by the appropriate departments pursuant to s. 144.435, Stats.

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72.

LAD 3.03 Definitions. For the purpose of these rules:

(1) **SOLID WASTE MANAGEMENT.** Solid waste management is planning, organizing, financing and implementing programs to effect the generation, storage, collection, transporting, processing, recycling or final disposal of solid wastes in a sanitary, nuisance-free manner.

(2) **SOLID WASTE MANAGEMENT PLAN.** A solid waste management plan is a plan prepared to provide for solid waste management. Plans shall consist of: studies including evaluations of existing conditions and practices; evaluations of alternatives for improved service; and recommendations for preferred programs and the method whereby they may be implemented.

(3) **PLANNING PERIOD.** The planning period is the period of time for which the studies and solid waste management plans are made. The

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minimum planning period shall be 5 years following the date of approval of the plan by the department of natural resources.

(4) **DEFINITIONS.** The definitions contained in Wis. Adm. Code section NR 151.02 are hereby adopted by reference.

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72.

LAD 3.04 Study of existing conditions. (1) An inventory and analysis shall be made of available data on the physiographic, geologic, hydrologic, soils and the climatic elements as they relate to all elements of a solid waste management system.

(2) An inventory and analysis shall be made of the following factors, including conformance with Wis. Adm. Code chapter NR 151 when applicable:

(a) *Generation, solid waste quantities, sources and characteristics.* Determine solid waste quantities and types from residential, commercial, institutional, industrial and respective seasonal and other variations. Toxic and hazardous wastes and special problem wastes shall be identified as to type, source, characteristics and quantity. Where data is nonexistent or insufficient, estimates shall be made. The basis for any estimates shall be included in the analysis.

(b) *Storage.* Describe storage facilities and practices in the study area. Identify needed improvements and estimate the costs for improvements. Where data is nonexistent or insufficient, estimates shall be made. The basis for any estimates shall be included in the analysis.

(c) *Collection.* Describe the extent of services and costs of collection systems, including but not limited to:

1. Operators and their service areas
2. Population served
3. Frequency of collection
4. Location and number of pickup points
5. Variability of service
6. Service provided commerce and industry
7. Type, amount, condition and life expectancy of equipment
8. Annual cost of collection services

Where data is nonexistent or insufficient, estimates shall be made. The basis for any estimates shall be included in the analysis.

(d) *Transportation.* Describe the transportation of solid wastes from the ends of collection routes to the disposal site. Include the method of transporting, haul distances, route restrictions and costs.

(e) *Processing.* Describe the extent and costs of the various types of processing operations such as incineration, pulverizing, classifying or other methods employed to facilitate recycling and disposal.

(f) *Recycling.* Describe recycling operations serving the study area including; location, types and quantities of materials handled.

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(g) *Disposal sites.* Describe the physical factors and operations of active disposal sites in the study area, including but not limited to:

1. Location (include map)
2. Ownership or leases
3. Areas served
4. Size of site
5. Remaining usable life
6. Potential for site expansion
7. Physical suitability
8. Land costs
9. Operator of site
10. Method of site operation
11. Operational problems
12. Operating restrictions
13. Equipment and personnel used
14. Disposition of special problem wastes
15. Annual cost of operation

Where data is nonexistent or insufficient, estimates shall be made. The basis for any estimates shall be included in the analysis.

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72.

LAD 3.05 Study of alternative approaches for providing solid waste management. An analysis of alternative approaches for solid waste management shall be made, including but not limited to:

(1) **CONTINUED OPERATION OF EXISTING SERVICES.** Estimates shall be made of the cost of any continued operation of existing services including the improvements required by Wis. Adm. Code chapter NR 151.

(2) **PROJECTIONS.** Projections shall be made of waste quantities and required land disposal areas during the planning period. Anticipated changes in quantity, location and types of waste generators shall be identified.

(3) **LAND USE PLANS.** Consideration shall be given to the following factors as they affect the alternative approaches.

- (a) Land use plans
- (b) Transportation routes
- (c) Ordinances, regulations or standards
- (d) Future use of completed sites

(4) **LAND DISPOSAL SITES.** Land disposal sites considered as part of a county solid waste management plan shall be operated as sanitary landfills as defined by Wis. Adm. Code chapter NR 151.

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(5) **ALTERNATIVES FOR PROVIDING SERVICE.** Alternative means for providing storage, collection, transportation, processing, recycling and disposal shall be described in terms of:

- (a) Operations
- (b) Facilities
- (c) Equipment-type, size and amount
- (d) Manpower (training and qualifications)
- (e) Costs
- (f) Environmental impact

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72.

LAD 3.06 Conclusions and recommendations. The plan conclusions and recommendations will serve as a basis for effectuating preferred solid waste management alternatives. The plan shall include but not be limited to:

(1) **PREFERRED ALTERNATIVES.** Recommendations on preferred alternatives.

(2) **ORGANIZATIONAL AND LEGAL MECHANISMS.** Organizational mechanisms and ordinances necessary for the implementation of the plan shall be indicated. The future relationship of existing facilities and the mechanism for transition to the recommended solid waste management program shall be enumerated.

(3) **FINANCING.** The means of financing necessary facilities, equipment and operations between the anticipated cooperating governmental units shall be made explicit.

(4) **OPERATIONAL MANAGEMENT.** Statements pertaining to solid waste management operations shall include considerations for:

- (a) Operational policies and procedures
- (b) Priorities and timetable for implementation of the operational system

(5) **ANNUAL REVIEW.** The plan shall provide for an annual review of the plan and report to the county board or boards. The annual review shall include:

- (a) Compliance with local, state and federal regulations
- (b) Coordination with other county or regional plans
- (c) Progress in implementing operational program
- (d) Updating and revision to the original plan
- (e) Summary of annual costs and services
- (f) Evaluation of progress toward specific goals and objectives

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72.

LAD 3.07 Public participation and education. The plan shall indicate public participation and educational efforts.

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(1) Participation may be through an advisory group developed to guide preparation of the plan, stimulate citizen interest in solid waste issues and help the planning organization and local government implement the recommendations of the plan. Organization of the advisory group shall include a representative cross section of the county or counties.

(2) Public education programs for interest groups and individuals shall provide factual information, define issues and alternatives and encourage public discussion and support for efficient solid waste management systems. Education programs shall be designed for schools, television, newspapers, youth groups, civic clubs and other community based organizations.

History: Cr. Register, April, 1972, No. 196, eff. 5-1-72.