

Materials Management Plan Requirements

The amendments to Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, shift the focus of planning to more productive ways of managing discarded materials in Michigan. Future Materials Management Plans (MMP) are required for each county, once initiated by the Department of Environment, Great Lakes, and Energy (EGLE). The goals of an MMP are, in addition to protecting the environment and public health, to ensure that managed materials (recyclables, organic materials, and solid waste) are sustainably managed to achieve benefits to the economy, communities, and the environment. Further, new MMPs will ensure that all managed materials generated in the planning area are collected and recovered, processed, or disposed at materials management facilities that comply with the law.

Each county will be required to have an MMP and include an implementation plan to achieve goals and identify or create capacity per the new law. These new MMPs will be replacing each county's solid waste management plan.

Please see [Subpart 11](#), starting at Section 11571 of [Part 115](#), Solid Waste Management, of the Natural Resources and Environmental Protection Act, PA 451 of 1994, as amended, for the entire MMP requirements.

GLOSSARY OF TERMS

Disposal Area – One or more of the following:

- A solid waste processing and transfer facility.
- An MSW incinerator.
- A sanitary landfill.
- Any other waste handling or disposal facility utilized in the disposal of solid waste.

Diverted Waste – Waste that meets all of the following:

- Is generated by households, businesses, or governmental entities.
- Can lawfully be disposed of at a licensed sanitary landfill or municipal solid waste incinerator.
- Is separated from other waste.
- Is one or more of the following:

○ Hazardous material	○ Light bulbs
○ Liquid waste	○ Sharps
○ Batteries	○ Thermostats, switches, thermometers, or other devices that contain elemental mercury
○ Pesticides	○ Other wastes approved by EGLE that can be readily separated from solid waste for diversion to preferred methods of management and disposal
○ Pharmaceuticals	
○ Electronics	

Managed Materials – Solid waste, diverted waste, or recyclable material, and other materials as determined by the department.

Materials Management Facility (MMF) – Any of the following:

- A disposal area
- A materials utilization facility
- A waste diversion center

Materials Management Goal (MMG) includes measurable, objective, and specific set of goals, for the planning area for solid waste diversion from disposal areas, including, but not limited to, the municipal solid waste recycling rate goal, the benchmark recycling standards, and the material utilization and reduction activities identified by the MMP. These goals that have been determined for a planning area will further be used to demonstrate progress toward material diversion from disposal areas.

Materials Utilization Facility (MUF) – any of the following facilities that do not primarily accept solid waste:

- A materials recovery facility
- An anaerobic digester
- A compost facility
- An innovative technology or practice facility

Planning Area – the geographic area addressed by a materials management plan.

Waste Diversion Center – property or a building, or a portion of property or a building, designated for the purpose of receiving or collecting diverted wastes and not used for residential purposes.

MATERIALS MANAGEMENT PLAN SYNOPSIS

1. Identify **all** materials management facilities and available **capacity**.
2. Focus on **utilization** capacity.
3. Determine a MSW **recycling rate**.
4. Develop **materials management goals** for utilization and recycling.
 - Organics, Recyclables, and other diversion activities
 - Benchmark Recycling Standards
5. Contains an **enforceable mechanism** and responsible parties for implementing the MMP.
6. Ensures materials management facilities that are needed can be **developed** and provides avenue for siting of NEW facilities (MUFs; Waste Diversion Centers; etc.).
 - Includes **local regulations** used in the siting process.
7. Includes an overview of the **transportation** infrastructure for all **managed materials**.
8. Documents an **implementation** strategy.
9. Annual MMP **Grants** and regional funding **Incentives**

MATERIALS MANAGEMENT PLAN SPECIFIC REQUIREMENTS

An MMP shall meet the following requirements:

1. Include measurable, objective, and specific goals for the planning area for solid waste diversion from disposal areas, including, but not limited to, the municipal solid waste recycling rate, the benchmark recycling standards, and the material utilization and reduction activities identified by the MMP.
2. Include an implementation strategy for the county to demonstrate progress toward or meet the materials management goals by the time of the 5-year MMP review under section.
 - How progress will be made to **reduce the amount of organic material** being disposed of, through food waste reduction, composting, and anaerobic digestion.
 - How progress will be made to **reduce the amount of recyclable materials** being disposed of, through increased recycling, including expanding convenient access and recycling at single and multifamily dwellings, businesses, and institutions.
3. A description of the resources needed for meeting the **materials management goals** and how the development of necessary materials utilization facilities and activities will be promoted.
 - A description of how the **benchmark recycling standards** will be met.
 - A timetable for **implementation**.
4. Identify by type and tonnage **all managed material generated** in the planning area, to determine the planning area's managed material capacity need and all managed material that is included in the planning area's materials management goals.
5. Require that a proposed materials management facility meet the requirements of Part 115 and be consistent with the materials management goals.
6. Identify and evaluate current and planned **materials management infrastructure** and **systems** that contribute or will contribute to meeting the materials management goals.
7. Include an **inventory** of the names and addresses of all of the following:
 - Existing disposal areas.
 - Materials utilization facilities.
 - Waste diversion centers.
8. The facilities inventoried shall, at a minimum, include the following information:
 - A summary of deficiencies.
 - The facility latitude and longitude.
 - The estimated facility acreage.
 - A description of the materials managed.
 - The processes for handling materials at the facility.
 - The total authorized capacity of the facility.
9. Identify all **materials management facilities** that **indicated capacity** for the planning area to manage the materials and include a statement that the owner or operator of each facility listed in the MMP has submitted such an acknowledgment to the county. If the submitted

acknowledgments **do not document sufficient capacity** for disposal or utilization of the identified managed materials to reach the MMP's materials management capacity requirements, including the materials management goals, the **MMP shall identify specific strategies**, including a schedule and approach to **develop** and **fund capacity**.

10. Ensure that the **materials management facilities** that are **identified** as necessary to be sited can be developed.
11. Include an **enforceable mechanism** to meet the goals of the MMP and implement the MMP.
12. Calculate the municipal solid waste **recycling rate** for the planning area.
13. Describe the materials management **transportation infrastructure**.
14. Include current and projected **population** densities and identify population centers and centers of managed material generation in the planning area, to demonstrate that the capacity required for managed material is met.
15. Describe the mechanisms by which municipalities in the planning area will ensure convenient **recycling access**, such as 1 or more of the following:
 - Assignment of the responsibility to the county or an authority.
 - A franchise agreement.
 - An intergovernmental agreement.
 - Municipal service.
 - Licensing under an ordinance.
 - A public-private partnership.
16. Specify a recommended minimum level of recycling service that incorporates the access requirements of the benchmark recycling standards.

The county or municipality within the planning area may, through an appropriate enforceable mechanism, require haulers operating in its jurisdiction to provide the recommended level or a different minimum level of recycling service.

17. Identify the DPA and the **entity** or entities **responsible** for each of the MMP's responsibilities:
18. With respect to **education and outreach** for residents and businesses in the planning area, do both of the following:
 - Provide a strategic plan that identifies roles, responsibilities, funding sources, and methods for persons providing the education and outreach services.
 - Describe the county or regional role in providing continuing recycling education. The recycling education shall include, but is not limited to, providing a recycling guide, in hard copy at select public locations and electronically on a cell phone-friendly website. The recycling guide shall do the following:
 - Identify recycling locations.
 - Identify recyclable materials.
 - Explain how to prepare recyclable materials for collection.
 - Describe other best practices.
 - Include a listed telephone number for additional information.

19. Include a **siting process** and a copy of any ordinance, law, rule, or regulation of a municipality, county, or governmental authority within the planning area that applies to the siting process.
20. Take into consideration the MMPs of counties adjacent to the planning area, as they relate to the planning area's needs.
21. Document all opportunities for participation and involvement of the public, all affected agencies and parties, and the private sector, in the preparation of the MMP.
22. An MMP may include management plans for debris from environmental damage, for debris from **disasters**, or for other materials, such as construction or demolition waste, not otherwise required to be covered by an MMP.
23. If a solid waste **landfill** is **proposed** to be developed in the planning area within **two (2) miles** of a municipality that is located adjacent to the planning area, or if a **solid waste processing and transfer facility** or **materials utilization facility** is **proposed** to be developed in the planning area within **one (1) mile** of such a municipality, both of the following apply:
 - The CAA shall notify the legislative body of the adjacent municipality of the proposed development in writing. The notice shall include a copy of this subsection.
 - The planning committee shall provide the adjacent municipality an opportunity to comment on the proposed development.
24. An MMP shall include a **siting process** with a set of minimum **criteria**.
 - The siting process shall not include siting criteria that are more restrictive than state law, if a materials utilization facility could not be developed anywhere in the planning area under those criteria.
 - A materials utilization facility need not be sited if the CAA or DPA demonstrates to the department that the planning area has available capacity sufficient to address the managed materials identified by the MMP as being generated in the planning area.

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