Ottawa County Materials Management Plan: 2025 Initiatives

Overarching Focus: Address household hazardous waste and strengthen recycling infrastructure while keeping solutions convenient and accessible for all residents.

MMP Focus Areas

Enhance Residential Recycling

- Expand access for all homes, apartments, and condos.
- Add curbside and drop-off options.
- Build community composting hubs.

Education & Communication

- Teach residents what and how to recycle.
- Promote home composting and waste reduction.
- Foster trust with clear, transparent updates.

Centralized Online Resources

- Create a central recycling information website.
- Share live data on recycling progress.

Collaborative Partnerships

- Work with businesses, local haulers, and environmental groups.
- Share resources and infrastructure.

Support Business Recycling

- Help businesses cut waste and reuse materials.
- Encourage circular economy innovations.

Data-Driven Decisions

- Conduct a county-wide waste study.
- Map waste generation areas and study best practices.

Cost-Effective Solutions

- Seek grants and alternative funding sources.
- Use incentives to keep programs affordable for residents.

FORMAT FOR PREPARING

MATERIALS MANAGEMENT PLANS

AS REQUIRED BY SUBPART 11, SECTION 11571, OF
PART 115, SOLID WASTE MANAGEMENT, OF
THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT
1994 PA 451, AS AMENDED

Gretchen Whitmer, Governor
Phillip D. Roos, Director

Michigan Department of Environment, Great Lakes, and Energy
Materials Management Division

This document is available to download from our website at:
Michigan.gov/EGLEMMP

2024 MATERIALS MANAGEMENT PLAN COVER PAGE

Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, states that the Department of Environment, Great Lakes, and Energy (Department) shall ensure that each county has an approved materials management plan (MMP). Per Section 11574(2), the Department shall prepare the standard format and provide a copy of the standard format to each Designated Planning Agency (DPA) that the Department knows will prepare an MMP. The Department shall also provide the standard format to any other person upon request.

GUIDANCE: *References for specific requirements of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, are included as sections and subsections. Please see MCL Section 324.11502-324.11506 for a complete list of terms and definitions.*

DATE SUBMITTED TO EGLE:	
EGLE APPROVAL DATE:	

All counties participating in this Plan are listed below and will be referenced throughout this plan as the planning area or county, as applicable.

County A	County D
County B	County E
County C	County F

Designated Planning Agency (DPA) Preparing the Plan:	
Contact Person:	
Title:	
Address:	
Phone:	
E-Mail:	
Website:	
Central Repository Location(s):	

SECTION ONE: PLANNING AREA PROFILE

POPULATION

MCL Section 324.11578(1)(l)

Population Density: Include current and projected population densities to demonstrate that the capacity required for managed material will be met.

Table 1-1: Population Density

County	<insert reference year> **Population**	**5-Year Projected Population**

GENERATION

MCL Section 324.11504(22); 11578(1)(c)

Sources of Generation

Identify by type and tonnage all managed material generated in the planning area. "Managed material" means solid waste, diverted waste, or recyclable material. Amounts may be estimated.

Table 1-2: Material Generation

Type	**Annual Tonnage**

INFRASTRUCTURE

MCL Section 324.11578(1)(d), (e), (f)

Materials Management Infrastructure

To the extent practicable, identify and evaluate **current and planned** materials management infrastructure that contributes or will contribute to meeting the materials management needs and goals of the planning area.

Include an inventory of the following:

- Existing disposal areas, including name and address. (See 324.11503(6) for definition of “disposal area.”)
- Existing material utilization facilities, including name and address.. (See 324.11504 (31) for definition of “material utilization facility.”)
- Waste diversion centers for which notification has been given to the department under 324.11521b, including name and address. (See 324.11506(14) for definition of “waste diversion centers.”)
- Materials management collection options available in the planning area (examples: community programs, collection events, haulers, service providers)

DPA:

GUIDANCE: A map of facilities can be found by clicking the following link: Michigan Materials Management Facilities (arcgis.com)

Table 1-3: Materials Management Infrastructure

Name	Address	Description

MUNICIPAL SOLID WASTE RECYCLING RATE

Recycling Rate:
The <insert reference year> MSW Recycling rate is:

The following describes the data used to calculate the planning area's Recycling Rate:

MCL Section 324.11578(1)(k); 324.11504(38)
GUIDANCE: MSW Recycling rate is the amount of municipal solid waste recycled or composted, divided by the amount of municipal solid waste recycled, composted, landfilled, or incinerated.

SECTION TWO: MATERIALS MANAGEMENT GOALS

Goals:
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 goal (30 percent recycling rate by 2029; ultimately reaching a 45 percent recycling rate), the benchmark recycling standards, and the material utilization and reduction activities identified by the MMP.

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. The implementation strategy shall include, but is not limited to, the following:

- 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.
- 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. A management plan for debris from disasters in an MMP may include recommendations for

incorporation of disaster debris management plans into municipal, county, or regional emergency management plans.

- A description of how the minimum **access** requirements (i.e. "benchmark recycling standards") will be met. Specify a recommended minimum level of recycling service that incorporates the **access** requirements of the benchmark recycling standards.

  Note: The county or a 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.
- 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.
- Describe the **education and outreach** programs necessary for residents and businesses in the planning area to meet the objectives.
- A **timetable** for implementation.

MCL Section 324.11578(1)(a), (b); 324.11504(38); 324.11502(6)

Goal 1

- Description:
- Resources Needed:
- Education and Outreach Programs:
- Implementation Timetable:

Goal 2

- Description:
- Resources Needed:
- Education and Outreach Programs:
- Implementation Timetable:

GUIDANCE: *MCL Section 324.11502(6) Benchmark Recycling Standards* is a minimum access requirement that requires the following:

By January 1, 2026, at least 90 percent of single-family dwellings in urban areas as identified by the most recent federal decennial census and, by January 1, 2028, at least 90 percent of single-family dwellings in municipalities with more than 5,000 residents have access to curbside recycling that meets all the following criteria:

(i) One or more recyclable materials, as determined by the county's material management plan, that are typically collected through curbside recycling programs, are collected at least twice per month.
(ii) If recyclable materials are not collected separately, the mixed load is delivered to a solid waste processing and transfer facility and the recyclable materials are separated from material to be sent to a solid waste disposal area.
(iii) Recyclable materials collected are delivered to a materials recovery facility that complies with part 115 or are managed appropriately at an out-of-state recycling facility.
(iv) The curbside recycling is provided by the municipality, or the resident has access to curbside recycling by the resident's chosen hauler.

By January 1, 2032, the following additional criteria:

DPA:

(i) In counties with a population of less than 100,000, there is at least 1 drop-off location for each 10,000 residents without access to curbside recycling at their dwelling, and the drop-off location is available at least 24 hours per month. (ii) In counties with a population of 100,000 or more, there is at least 1 drop-off location for each 50,000 residents without access to curbside recycling at their dwelling, and the drop-off location is available at least 24 hours per month.

SECTION THREE: MECHANISMS

Funding and Enforcement Mechanisms:

Describe the enforceable mechanisms by which municipalities/counties in the planning area will ensure convenient recycling access, such as one 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.

The MMP may contain a mechanism for the county and municipalities in the planning area to assist the department and the department of state police in conducting the inspection program established in section 324.11526(2) and (3). This subdivision does not preclude the private sector's participation in providing materials management services consistent with the MMP for the planning area.

MCL Section 324.11578(1)(n); 324.11581(1)

GUIDANCE: *MCL Section 324.11581(1)* A municipality or county may fund the implementation of an MMP through any of the following methods, if applicable and to the extent authorized by the mechanism:

- A millage under 1917 PA 298, MCL 123.261.
- A municipal utility service fee.
- Special assessments under 1957 PA 185, MCL 123.731 to 123.786; 1954 PA 188, MCL 41.721 to 41.738; or the township and village public improvement and public service act, 1923 PA 116, MCL 41.411 to 41.419.
- A service provider franchise agreement.
- Hauler licensing fees.
- A voter-approved millage.
- A general fund appropriation.
- Supplemental fees for service.
- A surcharge under section 8a of the Urban Cooperation Act of 1967, 1967 (Ex Sess) PA 7, MCL 124.508a.
- A landfill surcharge.
- A flow control fee structure.
- Any other lawful mechanism.

Table 3-1 Mechanisms

DPA:

Type of Mechanism:	Region/Area Impacted:	Description:

Siting Process:
Include a siting process under section 11579 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:

MCL Section 324.11578(1)(r), 324.11578(3), 324.11579, 324.11585
GUIDANCE: *324.11578(1)(s)* Take into consideration the MMPs of counties adjacent to the planning area as they relate to the planning area's needs.

SECTION FOUR: ADMINISTRATION

Identify the entity or entities responsible for each of the following and document the appropriateness of the identified entities to carry out their respective responsibilities:

- Implementing the access requirements of the benchmark recycling standards.
- Identifying the materials utilization framework and the achievement of the materials management goals.
- Otherwise monitoring, implementing, and enforcing the MMP and providing any required reports to the department.
- Administering the funding mechanisms that will be used to implement the MMP.

MCL Section 324.11578(1)(p)

Table 4-1: Responsible Entities

Responsibilities	Name/Title/Organization	Qualifications/Authority

If you need this information in an alternate format, contact EGLE-Accessibility@Michigan.gov or call 800-662-9278.

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DPA:

APPENDICES

- Appendix A: Title
- Appendix B: Title
- Appendix C: Title