

COUNTY OF MONTCALM MATERIALS MANAGEMENT PLAN

Approved by Montcalm County Board of Commissioners: x/xx/xxxx



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

2027 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.

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: Montcalm County	County D
County B	County E
County C	County F

Designated Planning Agency (DPA) Preparing the Plan:	Montcalm County Controller/Administrator
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SECTION ONE: PLANNING AREA PROFILE**POPULATION**

Table 1-1: Population Density

County	2020 Population	5-Year Projected Population
Montcalm County	66,614	69,482*

**2025 Population Projection acquired from the West Michigan Regional Planning Commission. The projection is based off from the U.S. Census of Population figures, incorporating historical trends to determine the 2025 projection.*

GENERATION

Table 1-2: Material Generation

Type	Annual Tonnage
Alternative Daily Cover	395
Construction & Demolition	7,093
Municipal & Commercial Waste	51,503
Industrial Waste	10,135
Other	420
Recyclable Materials*	12,136
Total Managed Materials Generated:	81,682

*Recyclable Materials figure was generated using the following information, see data tables in Appendix F:

Calculation of Residential & Local Business Recyclable Materials	Tons
City of Greenville	345
County Drop-off Sites	540
Eureka Township Drop-off Site	40
County Sponsored Collection Events - (HHW, Tires, E-waste)	43
Municipal Yard Waste (est, see Appendix F)	750
Local Businesses OCC (est, see Appendix F)	10,418
Total Calculated Recyclable Materials:	12,136

INFRASTRUCTURE

Current Disposal Areas:

Central Sanitary Landfill; 21545 W. Cannonsville Road, Pierson MI 49339

- ❖ This facility has a 35-year lifespan as it currently sits, with 7,053,296 cubic yards of remaining space.

Current Material Utilization Facilities:

- Central Sanitary Compost Facility; 21545 W. Cannonsville Road, Pierson MI 49339
 - ❖ This facility currently has a 35-year lifespan.
- GFL Materials Recovery Facility; 1415 Shearer Road, Greenville MI 48838
- Brightmark Meadow Rock Facility; 7691 Russell Road, Greenville MI 48838

Current Waste Diversion Centers:

- Arms of Love; 1220 N. Lafayette Street, Greenville MI 48838
- Goodwill Industries; 6772 Greenville Road, Greenville MI 48838
- Habitat for Humanity Restore; 124 W. Grove Street, Greenville MI 48838
- Heartland Center; 5365 Howard City Edmore Road, Vestaburg MI 48891
- New Beginnings Resale Shoppe; 221 S. Main Street, Sheridan MI 48884
- Second Mile; 405 E. Main Street, Edmore MI 48829

Current Materials Management Collection Options:

- **Montcalm County Materials Management Recycling Sites;**

- Single Stream and Cardboard:**

- ❖ City of Carson City Offices; 615 N. Williams Street, Carson City MI 48811
 - ❖ Crystal Township Offices; 217 W. Park Street, Crystal MI 48818
 - ❖ Edmore Department of Public Works; 110 Quicksilver Lane, Edmore MI 48829
 - ❖ Howard City Village Offices; 220 White Street, Howard City MI 48829
 - ❖ Lakeview Village Offices; 208 S. Lincoln Avenue, Lakeview MI 48850
 - ❖ Montcalm County Facilities; 615 N. State Street, Stanton MI 48888
 - ❖ Central Landfill; 21545 Cannonsville Road, Pierson MI 49339

- Metal:**

- ❖ Lakeview Village Offices; 208 S. Lincoln Avenue, Lakeview MI 48850

- **Annual Spring Recycling Events for Tires, Electronics, and Household Hazardous Waste, those sites include;**

- ❖ Montcalm County Facilities; 615 N. State Street, Stanton MI 48888
 - ❖ Lakeview Airport; 9223 Airport Road, Lakeview MI 48850
 - ❖ Montcalm County Fairgrounds; 8784 Peck Road, Greenville MI 48838
 - ❖ City of Carson City Offices; 615 N. Williams Street, Carson City MI 48811
 - ❖ Edmore Dept of Public Works; 110 Quicksilver Lane, Edmore MI 48829
(funded by Montcalm County Materials Management Planning Fund, rotated around the County at various sites each year)

- **Annual Electronics Event during Technology Week in September, those sites include;**

- ❖ Montcalm Community College, Main-Sidney Campus
2800 College Drive, Sidney MI 48885
 - ❖ Montcalm Community College, Greenville Campus
1325 Yellowjacket Drive, Greenville MI 48838
(sponsored by Montcalm Community College and funded by Montcalm County)

- **Haulers Operating in Montcalm County - (w) waste; (r) recycling**

- Corporate Haulers:**

- Arrowaste Inc (w)(r); 1296 Chicago Drive, Jenison MI 49428
 - GFL Environmental Inc (w); 1415 Shearer Road, Greenville MI 48838
 - Republic Services (w)(r); 21545 Cannonsville Road, Pierson MI 49339
 - Waste Management (w); 1737 Chicago Drive SW, Wyoming MI 49519

INFRASTRUCTURE continued

Independently Owned Haulers:

American Classic (w)(r); 1845 Newaygo Road, Bailey MI 49303
Arrowhead Junk Removal (w); 1845 N. Lumberjack Road, Sumner MI 48889
Baker Sanitation (w); 2919 W. Bricker Road, Fenwick MI 48834
Creekside Dumpsters LLC (w); 8998 S. Carlson Road, Fenwick MI 48834
Granger Waste Services (w)(r); 16980 Wood Road, Lansing MI 48906
Herrington's Waste Services (w)(r); 6632 Ramsdell Drive NE, Rockford MI 49341
His Way Disposal (w)(r); 11250 Waldron Road, Vestaburg MI 48891
Let's Talk Trash (w)(r); 16648 Trufant Avenue NE, Sand Lake MI 49343
MJ and Kids (w); 7550 Staines Road, Sheridan MI 48884
Riverside Dumpsters (w); 701 Ranney Drive, Greenville MI 48838
Sam's Disposal (w); 6159 E. Six Mile Road, White Cloud MI 49349
Superior Hauling LLC (w)(r); 173 Reimer Drive, Ionia MI 48846

- **Out-of-County Materials Management Facilities Serving Montcalm County**

American Classic Materials Recovery Facility; 313 W State Road, Newaygo MI 49337
Granger Disposal Center of Alma; 2355 Michigan Avenue, Alma MI 48801
Kent County Recycling Center; 977 Wealthy Street SW, Grand Rapids MI 49504
Kent County Recycling and Waste Center; 2908 10 Mile Road, Rockford MI 49341

SOLID WASTE RECYCLING RATES

Municipal Solid Waste Recycling Rate:

The 2025 MSW Recycling rate for Montcalm County is: 5.15%

The 2025 MSW Recycling rate was figured using the following data:

Participation Percent - Volume Residential	
Total 2025 County Tons Diverted	1,718
Total County Tons Refuse EGLE Report 2025 @ 50% of Total Landfilled	33,328
Tons Diverted - Residential	5.15%

(See Appendix F for additional data)

Municipal and Local Businesses Solid Waste Recycling Rate:

The 2025 Municipal and Local Businesses Solid Waste Recycling rate for Montcalm County is: 22.76%

The 2025 Municipal and Local Businesses Recycling rate was figured using the following data:

Participation Percent - Volume Residential & Commercial	
Total County Tons Recycle	12,136
Total County Tons Refuse: EGLE Report -20% Inflow Out-of-County Materials	53,324
Tons Diverted - Residential & Commercial	22.76%

(See Appendix F for additional data)

SECTION TWO: MATERIALS MANAGEMENT GOALS

1. Stabilize and Diversify Funding for Drop-Off Collection

Timeframe: 24 months from execution

Montcalm County has identified a need, based on its landfill host agreement, to stabilize and diversify program funding. This is a necessary action item in order to continue expanding the collection volume and adding additional sites, this activity must be prioritized.

The Republic Services team will lead a Board of Commissioners study session to include the Materials Management Planning Committee to discuss and gain direction for future funding initiatives.

- [Funding for Michigan Recycling Programs](#)
- [Landfill Ton cycles](#)
- [Tipping Fee \(similar to Ingham Co.\)](#)
- [Mileage, user fees](#)

2. Establish an Additional Drop-Off Site

Timeframe: 48 months from execution

Montcalm County's current program meets benchmark recycling standards for the County's size. However, there remains a lack of convenient residential recycling collection coverage in one identified area, which requires further research to effectively address a solution.

- [Identify a future location\(s\) for an 8th location if future volume requires](#)
- [Seek commitments from the municipalities](#)
- [Gain Board of Commissioner approval of the site selection for when funding is required](#)

3. Expand Curbside Recycling Collection

Timeframe: 36 months from execution

Through targeted education with municipal leaders, the county will emphasize the importance of incorporating curbside recyclable collection into organized collection systems (i.e., single hauler contracts). Currently, only the City of Greenville offers such services. However, several other communities—including Carson City, Howard City, Sheridan, Sidney, and Stanton—maintain contracts with single haulers for solid waste collection. These programs could be efficiently modified to include curbside recycling, which would significantly improve the county's diversion rate.

- Request one-on-one meetings with the municipality's chosen hauler to discuss the pros/cons of curbside recycling. Receive a letter of decision from the municipality.
- Create a signature document from the municipality to the County stating that the municipality has been educated and choose not to pursue further movement.

4. Implement Organics Collection

Timeframe: 48 months from execution

Montcalm County's local municipalities currently maintain widely adopted urban yard waste composting initiatives throughout most Cities and Villages. The Materials Management Planning Committee aims to identify practical and cost-effective solutions for residential to include organic composting. These future program(s) will likely operate as a drop-off service initially, which may limit participation, but will begin to demonstrate the benefits of organic waste diversion.

- Find a commercial food producer to embrace this type of program.
- Discuss with the City of Greenville a pilot to include organics into the yard waste container.
 - o And/or possible digester drop-off program.

5. Develop Disaster Recovery Planning

Timeframe: 24 months from execution

As the United States experiences increasingly severe storms and natural disasters, planning for effective debris management becomes critical. Montcalm County will develop a comprehensive playbook for materials management during disaster recovery. This resource will identify organizations that can quickly mobilize to divert materials from landfills into appropriate recovery processes for scrap metal, electronics, lumber, organics, tree debris, and other materials.

- [Debris Placement & Collection: Frequently Asked Questions \(FAQ\) - HoustonRecovers.org](#)
- Review COP plan, seek assistance with Lonnie

6. Enhance Commercial Recycling Opportunities

Timeframe: 36 months from execution

The County's rural classification presents challenges for many businesses seeking enhanced recycling services. Montcalm County will collaborate with local industry, collection haulers, and diversion-related organizations to develop and distribute access guides and resources.

- Show a county map of cardboard available
- Provide education on what Padnos or other vendors provide for services
- Engage with the haulers about their education plans for commercial businesses
 - o Top 100 revenue / volume accounts for example

7. Establish Farm Film Recycling Program

Timeframe: 48 months from execution

As a significant agricultural county, we recognize the potential to divert agricultural film products from landfills. Montcalm County will assess current practices and determine if additional diversion access is needed for local farmers. Following this assessment, the county will pursue state funding opportunities to develop a program addressing identified needs.

- Use MRC Data.
- Take a survey of the farm community.

SECTION THREE: MECHANISMS

Funding and Implementation Strategy

Montcalm County maintains a landfill host fee agreement that funds diversion activities and education throughout the county. While historically reliable, recent years have seen fluctuations as landfill contracts with partnering counties have shifted. These changes have created deficits that are being covered by the fund balance. Looking forward, the county seeks to diversify funding sources to ensure sustainable support for services provided to residents and businesses.

Implementing local ordinances through single-hauler (organized collection) systems to offer curbside recycling in more communities will help maximize the landfill host budget while enabling residents to contribute to recycling costs through their municipality's materials management programming.

This initiative will require focused education for local councils, as public officials typically resist fee increases regardless of corresponding service enhancements. The County and State must develop compelling talking points and action items to motivate elected officials. Through these efforts, we can redistribute current drop-off assets to areas with lower population density.

Another approach worth exploring is a county-wide hauler licensing program that could create a fee-based system to diversify funding. This program would typically assess a nominal fee per truck for haulers operating within the county. While the industry may oppose this at the Board of Commissioners level, sufficient educational outreach could make this approach viable.

The Materials Management Planning Committee and Designated Planning Agent will continue to explore additional funding mechanisms to support the Materials Management Plan's objectives.

- Work up different strategies from the committee, most will come from #1 above to help identify the possibilities.

**Shown here is a list of the communities (with population figures) that have
Materials Management Programs within Montcalm County:**

▪ City of Greenville: 8,897	Single Hauler Trash, Recycling, Yard Waste
▪ Village of Howard City: 1,683	Single Hauler Trash / Montcalm County Recycle Site
▪ Village of Edmore: 1,417	Single Hauler Trash / Montcalm County Recycle Site
▪ City of Stanton: 1,292	Single Hauler Trash / Montcalm County Recycle Site
▪ City of Carson City: 1,161	Single Hauler Trash / Montcalm County Recycle Site
▪ Belvidere Township: 2,233	Single Hauler Trash
▪ Village of Sheridan: 692	Single Hauler Trash
▪ Pierson Township: 3,261	Landfill Agreement, Recycling Site
▪ Crystal Township: 2,721	Montcalm County Recycle Site
▪ Village of Lakeview: 1,049	Montcalm County Recycle Site

Siting Process

For the purposes of a landfill expansion, a new landfill, or a new materials management facility within Montcalm County, the siting process would be as follows:

- Step 1:** A site plan shall be presented for approval to the Planning Commission of the residing township, if the township is zoned. If the township is not zoned, the plan should be sent to the West Michigan Regional Planning Commission for comments/approval.
- Step 2:** If approved, the site plan shall then be presented to the Montcalm County Materials Management Planning Committee for review and recommendation to the Montcalm County Board of Commissioners.
- Step 3:** If approved by the Montcalm County Board of Commissioners, via a public hearing, the site plan will then be sent to the State of Michigan's Environment, Great Lakes, and Energy Department (EGLE) for final approval.
- Step 4:** The project may commence upon the final approval of EGLE.

SECTION FOUR: ADMINISTRATION

Each of the benchmarks required by EGLE, as part of their Update to Part 115, have previously been met by Montcalm County's current recycling program; therefore, there will not need to be any implementation of access requirements at this time. However, that does not mean that Montcalm County would be resistant to going above and beyond the required benchmarks, if the program could show funding sustainability in doing so.

The Materials Management Planning Committee, with the aid of the Designated Planning Agent, will continue to monitor the Materials Management Program and continue to reassess the goals that have been set to ensure consistency as well as growth within the program.

In addition, the Materials Management Planning Committee and the Designated Planning Agent will work in conjunction with each other to provide the necessary reports to EGLE whenever the need arises. If approval is required of the County Authorizing Agent prior to the necessary reports being submitted to EGLE, the Board of Commissioners will be added to the process as the official County Authorizing Agent.

The Designated Planning Agent will be the primary person responsible for administering the funding mechanisms used to implement the Materials Management Plan.

APPENDICES

- Appendix A: Host Agreement Between Montcalm County and Pierson Landfill
- Appendix B: Rural Recycling Site Hosting Agreements
- Appendix C: Letters To/From Adjacent Counties
- Appendix D: Survey of Montcalm County Townships and Municipalities
- Appendix E: Maps Showing Access to Recycling Sites
- Appendix F: Data Showing Recorded and Estimated Recycling and Diversion Information
- Appendix G: Letters of Acknowledgement from Out-of-County Service Facilities
- Appendix H: Township and Municipal Resolutions Approving Materials Management Plan