

LENAWEE COUNTY

PROFILE | FEBRUARY 2023



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

OVERVIEW

Michigan Department of Environment, Great Lakes, and Energy (EGLE) has shifted their focus from disposal as the primary effort towards a circular economy where all waste materials find their highest and best use. Michigan took its first steps towards materials management a few years ago by securing funding to support an economy that reuses and recycles resources. An important component of that funding is for Solid Waste Management Planning – also referred to as Materials Management Planning. Materials management plans form the foundation of the changes the state is preparing to make.

To support this new era of materials management and future planning activities, EGLE initiated a massive data collection project to document and inventory the current state of materials management systems in all municipalities within Michigan's 83 counties. The primary objective of the Michigan Materials Management Infrastructure and Program project, also known as Mega Data, is to provide the baseline of data necessary for counties to develop future materials management plans and provide a roadmap for materials management moving forward. The data collected through the project would also be applied to the Benchmark Recycling Standard analysis developed by EGLE to help understand access to recycling services in the state, where gaps exist, and where EGLE may focus their support to improve access and infrastructure in the state.

EGLE contracted with Resource Recycling Systems (RRS) to support this large undertaking to gather, compile and analyze information from across the state.

PURPOSE OF THE COUNTY PROFILE

The County Profile was developed for two purposes. First, the profiles provided the opportunity to summarize all the information collected for all 83 counties and their municipalities to date as a project milestone. Second, despite the extensive research and information collection, RRS acknowledges that the information presented here may be incomplete. The County Profiles offered the opportunity for each county to review, edit and add to their county's profile information before finalizing as a deliverable for the Mega Data project. Later in the process, EGLE added the review of the County Profile as a requirement of the Materials Management County Engagement Grants (MMCE).

COUNTY PROFILE DEVELOPMENT

The County Profiles contain information that reflects research and outreach to understand programs and services available at the county and municipal levels. The information summarized here corresponds to information required in the state's Solid Waste Management Plan format and will assist counties and designated planning agencies with plan development. This profile focuses on residential programs and services. The information for the Profiles was collected from the following sources:

- Approved Solid Waste Management Plans
- EGLE's Waste Data System (WDS)
- EGLE's Recycle Search tool
- EGLE's Recycling Specialist staff
- Interviews with County program coordinators and designated planning agents
- County Run Measurement Program Survey via ReTRAC
- Municipal Measurement Program Survey via ReTRAC
- Information obtained through Freedom of Information Act requests
- Direct outreach through phone calls, emails, and letters to all target audiences and related groups or organizations with access to target audiences
- Web research
- Participation by Counties in the MMCE Grant Program

DISCLAIMER

This information presented here was gathered and compiled over several years by RRS on behalf of EGLE for the Mega Data project. The profile was originally developed as a tool to summarize information collected and engage counties in review of the information

for finalization. The profile is not intended for use as a reference guide for residents or purposes other than to provide counties with information to support future materials management planning. Information, programs, and services can change frequently and therefore information presented here may be out of date. If information has been omitted or requires update, please contact RRS at alynott@recycle.com.

ACCESS AND COLLECTION

COUNTY PROGRAM OVERVIEW

Lenawee County provides a recycling center open to all county residents to drop off recycling. The county also offers household hazardous waste drop-off events for residents which are managed by the Lenawee County Solid Waste Department.

MUNICIPAL PROGRAM AND SERVICES OVERVIEW

Programs and services offered or provided by municipalities for their residents are summarized by material type and then in two tables. One table features curbside services, and the other table features drop-off services.

TRASH

About 46% of the county's population has access to curbside trash collection through contracted haulers. The remainder of the county is most likely served by the open market where residents make their own arrangements for trash collection, also known as subscription services. All of the county's population has access to drop-off trash services.

RECYCLING

In Lenawee County, 34% of the population has access to curbside recycling collection through a contracted hauler. Similar to trash collection, the remainder of the population is likely served by the open market. All of the county's population has access to drop-off recycling services. Recyclables accepted in the drop-off program available to residents include paper, cardboard, mixed glass, mixed plastics, and metal cans.

YARD WASTE

Common yard waste materials, such as brush and yard waste, can be collected curbside by municipal haulers for 27% of the population and collected by contracted haulers for 17% of the population. About 27% of the population also has access to drop-off organics services through their communities' collection sites.

HOUSEHOLD HAZARDOUS WASTE

All of the county's population can utilize household hazardous waste drop-off services through Lenawee County Solid Waste Department. The program accepts automotive fluids, alkaline batteries, latex paint, oil-based paint, lawn chemicals, household cleaners, fluorescent bulbs, single use propane tanks, and aerosol cans.

OTHER

No information obtained about Other programs.

LIST OF ACTIVE HAULERS

- Steven's Disposal
- GFL Environmental
- Modern Waste

CURBSIDE SERVICES BY COMMUNITY

MUNICIPALITY NAME	TRASH COLLECTOR	RECYCLING COLLECTOR	YARD WASTE COLLECTOR	OTHER CURBSIDE SERVICES
Addison village	Subscription	Subscription		
Adrian city	Steven's Disposal	Steven's Disposal	Steven's Disposal	
Adrian township	Steven's Disposal	Steven's Disposal	Steven's Disposal	
Blissfield village	Subscription	Steven's Disposal	Village of Blissfield DPW	
Britton village	Steven's Disposal	Steven's Disposal		
Cement City village (part)	Subscription			
Clayton village				
Clinton village	Steven's Disposal	Steven's Disposal	Clinton Village DPW	
Deerfield village				
Franklin township				
Hudson city	Modern Waste	Modern Waste	Hudson City DPW	
Jasper CDP	Subscription			
Macon township				
Madison charter township	Stevens Disposal			
Manitou Beach-Devils Lake CDP				
Medina township				
Morenci city	Modern Waste	Modern Waste	City of Morenci	
Ogden township				
Onsted village	Modern Waste		Village of Onsted DPW	
Raisin township	Subscription	Subscription		
Blissfield township				

Cambridge township				
Clinton township	GFL Environmental	GFL Environmental		
Deerfield township				
Dover township				
Fairfield township	Subscription			
Hudson township				
Palmyra township				
Ridgeway township				
Riga township				
Rollin township				
Woodstock township				
Rome township				
Seneca township				
Tecumseh city	Steven's Disposal	Steven's Disposal	Steven's Disposal	
Tecumseh township	Steven's Disposal	Steven's Disposal	Steven's Disposal	

DROP-OFF SERVICES BY COMMUNITY

MUNICIPALITY NAME	TRASH DROP-OFF SERVICES (PERMANENT)	RECYCLING DROP-OFF SERVICES (PERMANENT)	YARD WASTE OR OTHER ORGANICS DROP-OFF (PERMANENT)	OTHER PERMANENT DROP-OFF SERVICES	TEMPORARY DROP-OFF SERVICES
Addison village	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Adrian city	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department	City of Adrian Compost Site		Lenawee County Solid Waste Department
Adrian township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department

Blissfield village	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Britton village	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Cement City village (part)	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Clayton village	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Clinton village	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department	Village of Clinton Compost Site		Lenawee County Solid Waste Department
Deerfield village	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Franklin township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Hudson city	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Jasper CDP	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Macon township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Madison charter township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Manitou Beach-Devils Lake CDP	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department

Medina township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Morenci city	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department	City of Morenci Composting Site		Lenawee County Solid Waste Department
Ogden township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Onsted village	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department	Village of Onsted Compost Drop-off		Lenawee County Solid Waste Department
Raisin township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Blissfield township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Cambridge township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Clinton township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Deerfield township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Dover township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Fairfield township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Hudson township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department

Palmyra township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Ridgeway township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Riga township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Rollin township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Woodstock township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Rome township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Seneca township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Tecumseh city	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department
Tecumseh township	Stevens Disposal & Recycling Service	Lenawee County Solid Waste Department			Lenawee County Solid Waste Department

FACILITIES

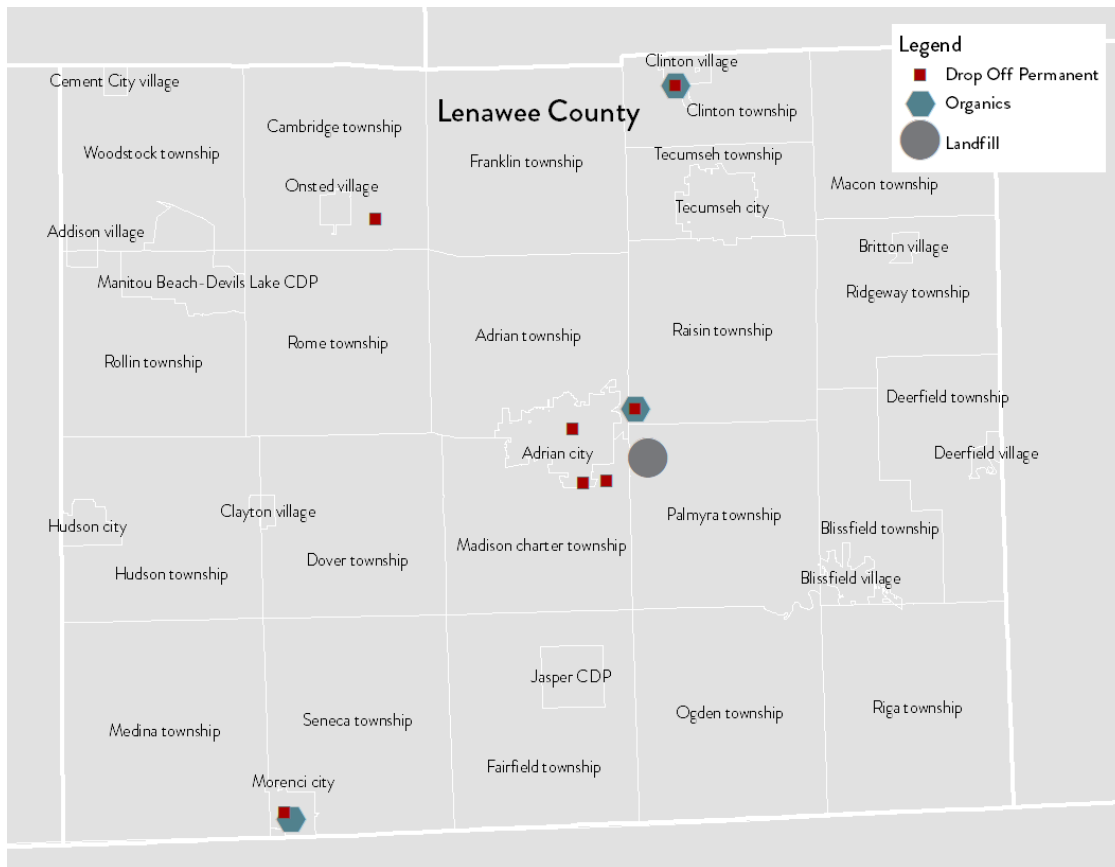
MATERIALS MANAGEMENT FACILITIES IN COUNTY

FACILITY SUMMARY TABLE

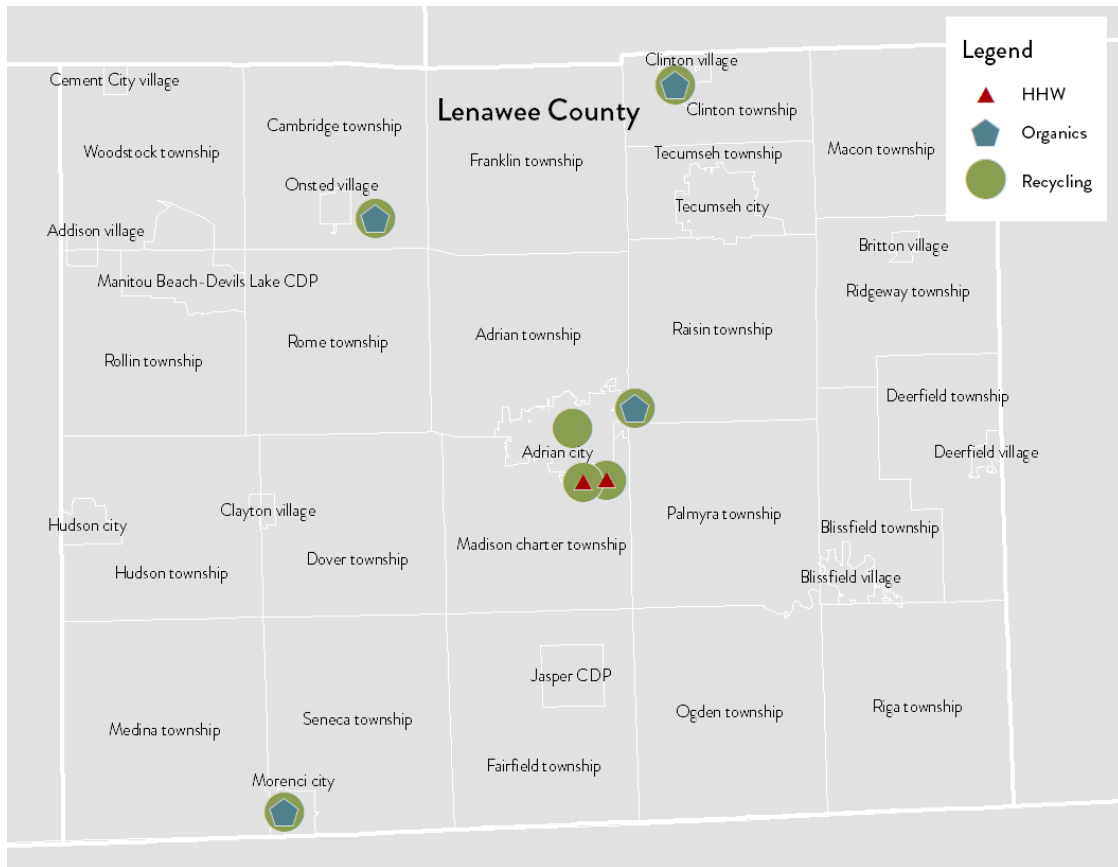
FACILITY TYPE	FACILITY NAME	FACILITY ADDRESS	CITY	PERMANENT OR TEMPORARY
Compost (Yard Waste)	City of Adrian Compost Site	1401 OAKWOOD AVE	Adrian	
Compost (Yard Waste)	City of Morenci Composting site	118 Orchard Street	Morenci	
Compost (Yard Waste)	Village of Clinton Compost Site			
Drop-off (O)	City of Adrian Compost Site	1401 OAKWOOD AVE	Adrian	Permanent Drop-off
Drop-off (O)	City of Morenci Composting site	597 W. Chestnut Street	Morenci	Permanent Drop-off
Drop-off	Goodwill Industries of Southeastern Michigan	1357 Division Street	Adrian	Permanent Drop-off
Drop-off (WDC, C&D)	Habitat ReStore	2811 Treat Highway	Adrian	Permanent Drop-off
Drop-off (T, NT)	Lenawee County Recycling Center	307 River Street	Adrian	Permanent Drop-off
Drop-off (O)	Village of Clinton compost site			Permanent Drop-off
Drop-off (O)	Village of Onsted Compost Facility	8657 Slee Rd.	Onsted	Permanent Drop-off
Landfill	Adrian Landfill	1970 N Ogden Highway	Adrian	
End Market	Evergreen Grease Service - Adrian	1445 Enterprise Dr	Adrian	
End Market	SDI OmniSource - Adrian	815 Treat St	Adrian	

Drop-off Facility Types: B = Transfer Station Type B; C&D = Construction & Demolition; NT = Source-Separated Recycling Drop-off Non-Traditional; T = Source-Separated Recycling Traditional; O = Organics; WDC = Waste Diversion Center

FACILITY SUMMARY MAP



FACILITY BY MATERIAL TYPE



POLICY

MUNICIPAL ORDINANCES

Municipality	Policy type	Requirement
Adrian township	Ordinance	Refuse collection by city or city contractor, Bag for waste, Bin for recycling
Blissfield village	Ordinance	Subscription recycling collection
Britton village	Ordinance	Refuse collection by licensed contractor
Fairfield township	Ordinance	Open burning permitted for non-hazardous waste materials by 1-2 family dwellings
Hudson City	Ordinance	Refuse collection by city contractor, Can for Recycling
Madison Charter Township	Ordinance	Open burning permitted for yard waste or other waste with burn permits
Tecumseh city	Ordinance	Refuse collection by city contractor

MUNICIPAL FUNDING MECHANISMS

Municipality	Waste Collection	Recycling Collection	Organics Collection	Bulky Item Collection
Clinton village	Legislatively Authorized Millages	Legislatively Authorized Millages		
Butman township	Legislatively Authorized Millages		Legislatively Authorized Millages	
Gladwin city	Legislatively Authorized Millages		Legislatively Authorized Millages	
Hudson city	Municipal Utility/Service Fees	Municipal Utility/Service Fees		
Morenci city	Municipal Utility/Service Fees			
Onsted Village	Subscription			

COUNTY ORDINANCES

County	Type	Additional Information
Lenawee County	Ordinance	Enforcement of the solid waste management plan, regulation of the import and export for solid waste, hauler licensing, facility reporting, and enforcement measures.

COUNTY FUNDING MECHANISMS

No county funding mechanisms were obtained.

DATA

REPORTED DATA

No reported data.

RESIDENTIAL WASTE PROJECTIONS

Municipality	Population	Total Waste Generation (Tons) ¹	Total Recyclable Diversion (Tons)	Total Organics Diversion (Tons)	Total Requiring Disposal (Tons)
Addison village	390	177	13	15	149
Addison village	243	115	13	9	93
Adrian city	20,550	9,764	1,117	783	7,863
Adrian township	6,204	2,948	337	237	2,374
Blissfield township	422	191	14	16	161
Blissfield village	3,439	1,634	187	131	1,316
Blissfield village	8	4	0	0	3
Britton village	631	286	20	24	241
Cambridge township	4,431	2,008	144	169	1,695
Cement City village	464	210	15	18	178
Clayton village	132	60	4	5	51
Clayton village	135	61	4	5	52
Clinton township	663	315	36	25	254
Clinton village	2,885	1,441	227	110	1,104
Deerfield township	665	301	22	25	254
Deerfield village	1,045	474	34	40	400
Dover township	1,382	626	45	53	529
Fairfield township	1,324	600	43	50	507
Franklin township	3,179	1,441	103	121	1,216
Hudson city	2,419	1,096	78	92	926
Hudson township	1,518	688	49	58	581
Jasper CDP	344	163	19	13	132
Macon township	1,559	707	51	59	597
Madison charter township	8,297	3,760	269	316	3,175
Manitou Beach-Devils Lake CDP	1,219	552	40	46	466
Manitou Beach-Devils Lake CDP	704	319	23	27	269
Medina township	1,011	458	33	39	387
Morenci city	1,932	965	152	74	739
Ogden township	1,005	455	33	38	385
Onsted village	1,249	566	41	48	478
Palmyra township	2,285	1,036	74	87	874
Raisin township	7,713	3,496	250	294	2,951
Ridgeway township	858	389	28	33	328
Riga township	1,119	507	36	43	428
Rollin township	1,653	749	54	63	633

¹ Due to rounding, total waste generation tonnages may not equal the sum of the total diversion and disposal tonnages.

Rome township	1,695	768	55	65	649
Seneca township	1,210	548	39	46	463
Tecumseh city	8,361	4,175	657	319	3,199
Tecumseh township	1,919	958	151	73	734
Woodstock township	2,048	928	66	78	784
TOTAL	98,310	45,939	4,576	3,747	37,618

COMMERCIAL WASTE PROJECTIONS

County	Approximate Number of Employees	Total Waste Generation (Tons)	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Lenawee	19,677	48,747	3,349	45,398

TOTAL WASTE GENERATED PROJECTIONS

County	Total Waste Generation (Tons) <small>Bookmark not defined.</small>	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Lenawee	94,687	11,671	83,015