

SHIAWASSEE 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

Shiawassee County, specifically the Health Department, in partnership with several local governments and organizations, provides a household hazardous waste collection program.

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. Programs and services are offered by a different entity other than the municipality and are noted in the tables.

TRASH

About 16% of the population has access to curbside trash collection through contract. 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.

RECYCLING

Several communities provide residents with access to curbside recycling services through contracted haulers. Laingsburg Recycling Drop-off also accepts residential recyclables such as paper, cardboard, clear and brown glass, mixed plastics, metal cans and foil. Ovid Village residents can access drop-off services through Clinton County because the village boundaries overlap both counties.

YARD WASTE

Common yard waste materials, such as brush and leaves, can be accepted at drop-off sites for residents of several communities. Contracted and municipal haulers also collect organic materials curbside for about 6% of the county's population.

HOUSEHOLD HAZARDOUS WASTE

The Shiawassee County Household Hazardous Waste Collection Program provides residents with temporary collection event services for materials such as automotive fluids, anti-freeze, mercury, alkaline and rechargeable batteries, oil-based paint, lawn chemicals, household cleaners, and aerosol cans.

OTHER

No information obtained about Other programs.

LIST OF ACTIVE HAULERS

- Granger Waste Services
- Republic Services Inc.
- Waste Management Inc.
- Modern Waste
- Premier Waste Services
- City of Owosso
- Perry City Department of Public Works
- Village of Vernon

CURBSIDE SERVICES BY COMMUNITY

MUNICIPALITY NAME	TRASH COLLECTOR	RECYCLING COLLECTOR	YARD WASTE COLLECTOR	OTHER CURBSIDE SERVICES
Antrim township				
Bancroft village	Granger Waste Services	Granger Waste Services	Granger Waste Services	
Bennington township				
Byron village				
Corunna city	Republic Services Inc.			
Durand city	Waste Management Inc.	Waste Management Inc.	Waste Management Inc.	
Fairfield township	Subscription	Subscription		
Henderson CDP				
Laingsburg city				
Lennon village				
Middletown CDP				
Morrice village	Granger Waste Services			
New Haven township				
New Lothrop village				
Ovid village	Granger Waste Services			
Owosso charter township				
Owosso city	Subscription	Subscription	City of Owosso	
Perry city	Granger Waste Services		Perry City Department of Public Works	
Burns township				

Caledonia charter township				
Hazelton township				
Middlebury township				
Perry township				
Rush township				
Shiawassee township				
Venice township				
Vernon township				
Sciota township				
Vernon village	Republic Services	Republic Services	Village of Vernon	
Woodhull township				

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
Antrim township					Shiawassee County Household Hazardous Waste Collection Program
Bancroft village					Shiawassee County Household Hazardous Waste Collection Program
Bennington township					Shiawassee County Household Hazardous

					Waste Collection Program
Byron village					Shiawassee County Household Hazardous Waste Collection Program
Corunna city			Corunna Brush and Leaf Drop Off Center		Shiawassee County Household Hazardous Waste Collection Program
Durand city			Durand Wastewater Treatment Plant		Shiawassee County Household Hazardous Waste Collection Program
Fairfield township					Shiawassee County Household Hazardous Waste Collection Program
Henderson CDP					Shiawassee County Household Hazardous Waste Collection Program
Laingsburg city		Laingsburg Recycling Drop-off	Laingsburg City Brush Recycling Drop-Off		Shiawassee County Household Hazardous Waste Collection Program
Lennon village					Shiawassee County Household Hazardous Waste Collection Program
Middletown CDP					Shiawassee County Household Hazardous Waste Collection Program

Morrice village					Shiawassee County Household Hazardous Waste Collection Program
New Haven township					Shiawassee County Household Hazardous Waste Collection Program
New Lothrop village					Shiawassee County Household Hazardous Waste Collection Program
Ovid village		Clinton County Residential Recycling	Clinton County Waste Management		Shiawassee County Household Hazardous Waste Collection Program
Owosso charter township					Shiawassee County Household Hazardous Waste Collection Program
Owosso city			City of Owosso Leaf and Brush Drop Off Site		Shiawassee County Household Hazardous Waste Collection Program
Perry city			Perry City DPW Lot		Shiawassee County Household Hazardous Waste Collection Program
Burns township					Shiawassee County Household Hazardous Waste Collection Program
Caledonia charter township					Shiawassee County Household Hazardous

					Waste Collection Program
Hazelton township					Shiawassee County Household Hazardous Waste Collection Program
Middlebury township					Shiawassee County Household Hazardous Waste Collection Program
Perry township					Shiawassee County Household Hazardous Waste Collection Program
Rush township					Shiawassee County Household Hazardous Waste Collection Program
Shiawassee township					Shiawassee County Household Hazardous Waste Collection Program
Venice township					Shiawassee County Household Hazardous Waste Collection Program
Vernon township					Shiawassee County Household Hazardous Waste Collection Program
Sciota township					Shiawassee County Household Hazardous Waste Collection Program

Vernon village			Village of Vernon Compost Lot		Shiawassee County Household Hazardous Waste Collection Program
Woodhull township					Shiawassee County Household Hazardous Waste Collection Program

FACILITIES

MATERIALS MANAGEMENT FACILITIES IN COUNTY

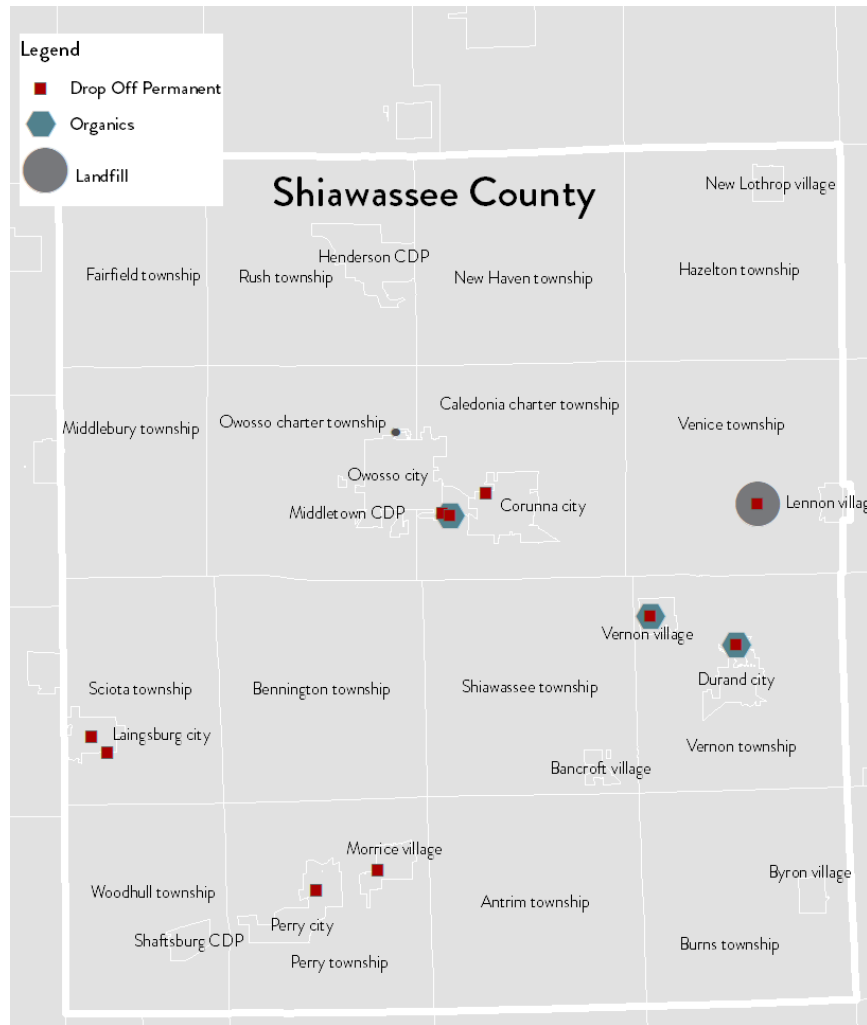
FACILITY SUMMARY TABLE

FACILITY TYPE	FACILITY NAME	FACILITY ADDRESS	CITY	PERMANENT OR TEMPORARY
Compost (Yard Waste)	Aiken Road Drop Off Site	1150-1198 Aiken Rd	Owosso	
Compost (Yard Waste)	City of Durand Wastewater Treatment Plant	4910 S Durand Rd	Durand	
Compost (Yard Waste)	Village of Vernon Compost Lot	517 West Main Street	Vernon	
Drop-off (O)	City of Corunna Public Works Brush and Leaf Drop	701 Pine St	Corunna	Permanent Drop-off
Drop-off (O)	City of Durand Wastewater Treatment Plant	4910 S Durand Rd	Durand	Permanent Drop-off
Drop-off (O)	City of Laingsburg Compost Site	311 E GRAND RIVER RD	Laingsburg	Permanent Drop-off
Drop-off (O)	City of Owosso Leaf and Brush Drop Off	1150-1198 Aiken Rd	Owosso	Permanent Drop-off
Drop-off (O)	City of Perry Yard Waste Disposal			Permanent Drop-off
Drop-off (T)	DJ Root Recycling Center	1555 Industrial Drive	Owosso	Permanent Drop-off
Drop-off (T)	Laingsburg Recycling Drop-off	7500 Woodbury Road	Laingsburg	Permanent Drop-off
Drop-off (WDC, B, C&D)	Morrice Transfer Station	1470 W Britton Road	Morrice	Permanent Drop-off
Drop-off (WDC)	Shiawassee Conservation District		Owosso	Temporary Drop-off

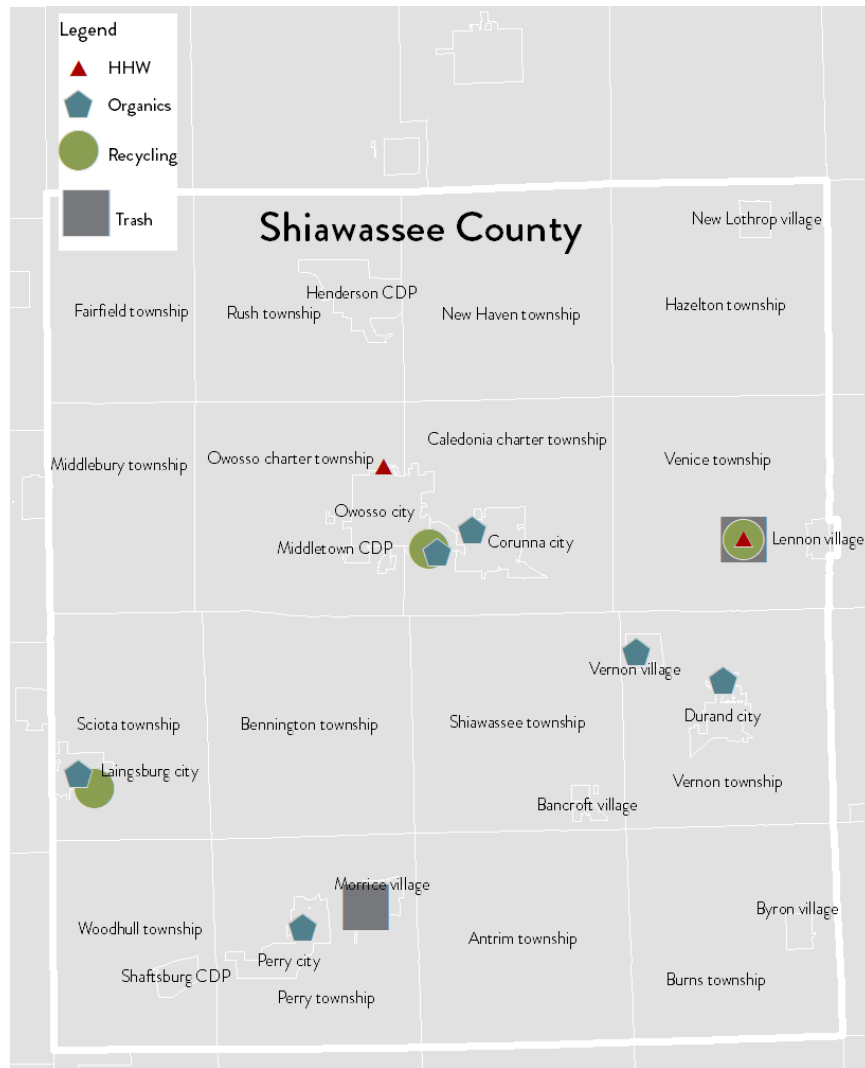
	Electronic Waste Collection			
Drop-off (WDC)	Shiawassee County Household Hazardous Waste Collection Events		Owosso	Temporary Drop-off
Drop-off (WDC, B, T, C&D)	Venice Park Recycling and Disposal Facility - Waste Management	9536 Lennon Rd	Lennon	Permanent Drop-off
Drop-off (O)	Village of Vernon Compost Lot	517 West Main Street	Vernon	Permanent Drop-off
Landfill	Venice Park Development Landfill	9536 E Lennon Road	Vernon	

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
Bancroft village	Ordinance	Illegal Dumping Law, Civil Penalty
Corunna city	Ordinance	Recycling Mandated - Weekly Recycling Collection
Durand city	Ordinance	Mandatory residential refuse collection
Morrice Village	Ordinance	Truck Requirements; Can for Waste; Bin for Recycling; Recycling Container Location
Perry City	Ordinance	Proper handling of waste; Right of city to coordinate collection services, fees for services.

FUNDING MECHANISMS

Municipality	Waste Collection	Recycling Collection	Organics Collection	Bulky Item Collection
Vernon Village	Legislatively Authorized Millages			
Corunna City	Municipal Utility/Service Fees			Municipal Utility/Service Fees
Perry City	Municipal Utility/Service Fees			

COUNTY ORDINANCES

No county ordinances obtained.

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)
Antrim township	2,159	908	0	82	826
Bancroft village	454	227	36	17	174
Bennington township	3,074	1,293	0	117	1,176
Burns township	2,757	1,160	0	105	1,055
Byron village	568	239	0	22	217
Caledonia charter township	3,453	1,453	0	132	1,321
Corunna city	3,363	1,415	0	128	1,287
Durand city	3,308	1,652	260	126	1,266
Fairfield township	628	264	0	24	240
Hazelton township	1,675	705	0	64	641
Henderson CDP	350	147	0	13	134
Laingsburg city	1,586	719	51	60	607
Lennon village	333	140	0	13	127
Middlebury township	1,650	694	0	63	631
Middletown CDP	839	353	0	32	321
Morrice village	1,453	611	0	55	556
New Haven township	1,184	498	0	45	453
New Lothrop village	635	267	0	24	243
Owosso charter township	4,750	1,999	0	181	1,818
Owosso city	14,476	6,878	787	552	5,539
Perry city	2,248	946	0	86	860
Perry township	2,765	1,163	0	105	1,058
Rush township	719	303	0	27	275
Sciota township	1,345	566	0	51	515
Shaftsbury CDP	293	123	0	11	112
Shiawassee township	2,290	964	0	87	876
Venice township	1,952	821	0	74	747
Vernon township	3,961	1,667	0	151	1,516
Vernon village	500	250	39	19	191
Woodhull township	3,408	1,434	0	130	1,304
TOTAL	68,176	29,859	1,173	2,596	26,806

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

COMMERCIAL WASTE PROJECTIONS

County	Approximate Number of Employees	Total Waste Generation (Tons)	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Shiawassee	10,876	16,453	1,851	14,603

TOTAL WASTE GENERATED PROJECTIONS

County	Total Waste Generation (Tons) ^{Error!} Bookmark not defined.	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Shiawassee	46,312	5,623	40,689