

GLADWIN 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

Gladwin County coordinates a household hazardous waste materials collection program at least once per year.

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 46% of the county's population has access to curbside trash collection through a contracted hauler. Currently, the county's residents do not have access to trash drop-off services.

RECYCLING

Approximately 37% of the population has access to contracted curbside recycling collection. Materials collected in these programs include paper, colored and clear glass, plastics, and metals. The county's residents do not have access to recycling drop-off services.

YARD WASTE

In Gladwin County, 25% of the population can access curbside organics collection of common yard waste materials, such as brush and leaves, through a contracted hauler. Drop-off access for these materials is available to 21% of the county's population.

HOUSEHOLD HAZARDOUS WASTE

Gladwin County hosts annual household hazardous waste collection events, which accept material such as automotive fluids, motor oil, anti-freeze, mercury, tires, car batteries, oil-based paint, lawn chemicals, household cleaners, electronics, pharmaceuticals, and single-use propane tanks.

OTHER

No information obtained about Other programs.

LIST OF ACTIVE HAULERS

- Waste Management
- Republic
- GFL
- Municipal

CURBSIDE SERVICES BY COMMUNITY

MUNICIPALITY NAME	TRASH COLLECTOR	RECYCLING COLLECTOR	YARD WASTE COLLECTOR	OTHER CURBSIDE SERVICES
Beaverton city	Republic Services Inc.	Republic Services Inc.	Republic Services Inc.	
Billings township	Republic Services Inc.	Republic Services Inc.		
Beaverton township				
Billings township	Republic Services Inc.			
Bourret township				
Buckeye township				
Butman township	GFL Environmental	GFL Environmental	GFL Environmental	
Clement township	Republic Services Inc.		Republic Services Inc.	
Gladwin city	Waste Management Inc.	Waste Management Inc.	Gladwin City Yard Waste Collection	
Gladwin township				
Grim township				
Grout township				
Hay township	Waste Management Inc.		Waste Management Inc.	
Sage township				
Secord township	Republic Services Inc.	Republic Services Inc.	Republic Services Inc.	
Sherman township	Waste Management Inc.			
Tobacco 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
Beaverton city					Gladwin Hazardous Household Material Collection Program
Beaverton township					Gladwin Hazardous Household Material Collection Program
Bentley township					Gladwin Hazardous Household Material Collection Program
Billings township			Billings Township Yard Waste Drop Off		Gladwin Hazardous Household Material Collection Program
Bourret township					Gladwin Hazardous Household Material Collection Program
Buckeye township					Gladwin Hazardous Household Material Collection Program
Butman township					Gladwin Hazardous Household Material Collection Program
Clement township					Gladwin Hazardous Household Material Collection Program
Gladwin city			Gladwin City Compost Site		Gladwin Hazardous Household Material Collection Program

Gladwin township					Gladwin Hazardous Household Material Collection Program
Grim township					Gladwin Hazardous Household Material Collection Program
Grout township					Gladwin Hazardous Household Material Collection Program
Hay township					Gladwin Hazardous Household Material Collection Program
Sage township					Gladwin Hazardous Household Material Collection Program
Secord township					Gladwin Hazardous Household Material Collection Program
Sherman township					Gladwin Hazardous Household Material Collection Program
Tobacco township					Gladwin Hazardous Household Material Collection Program

FACILITIES

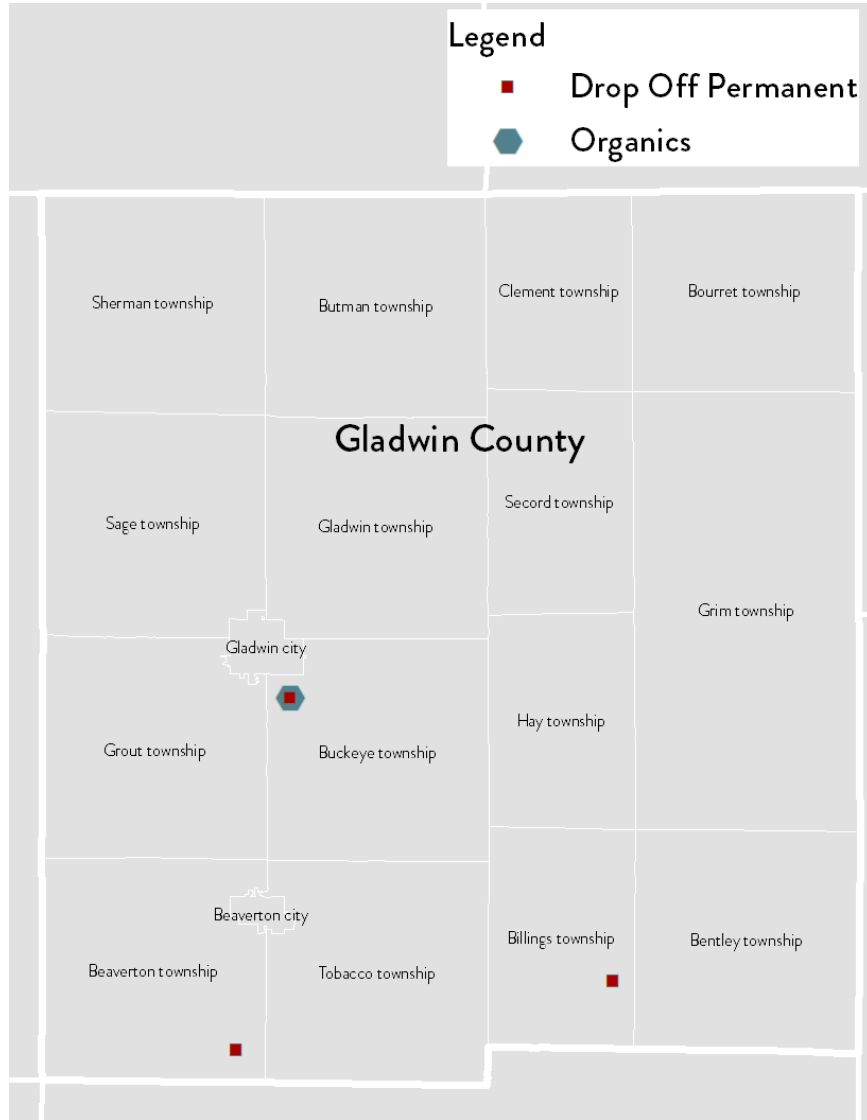
MATERIALS MANAGEMENT FACILITIES IN COUNTY

FACILITY SUMMARY TABLE

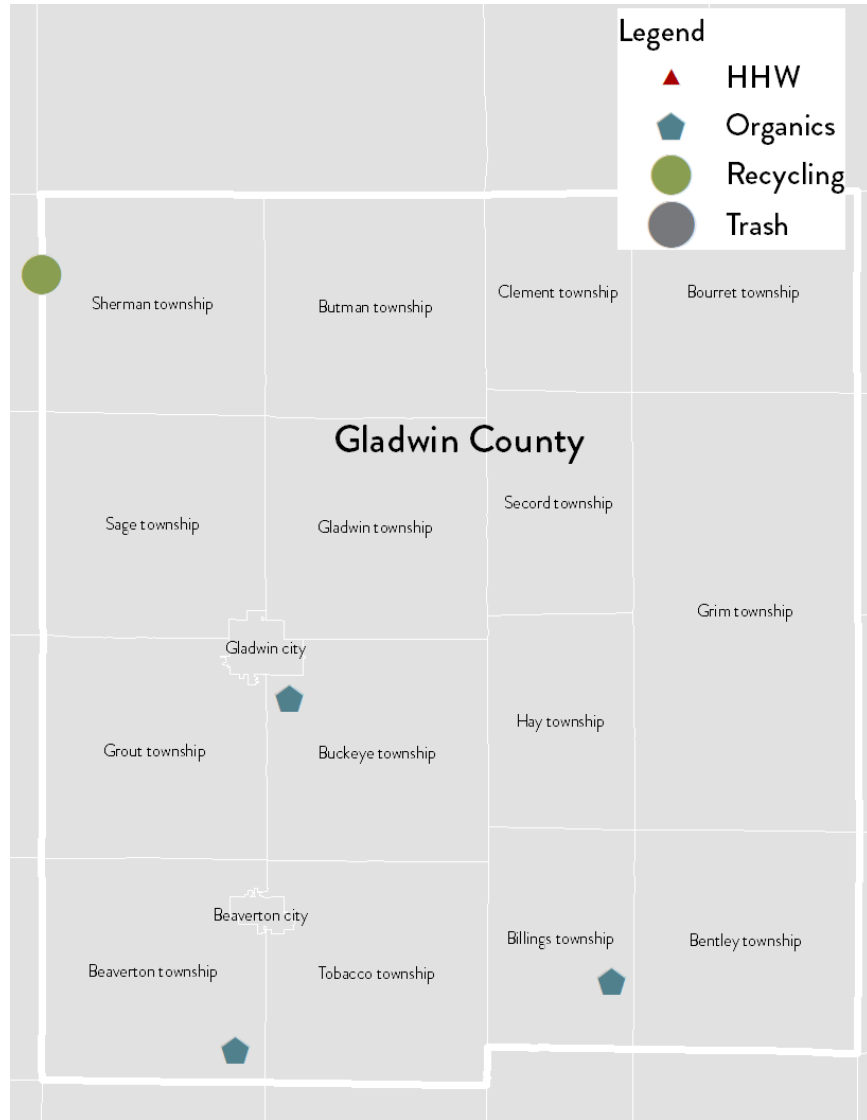
FACILITY TYPE	FACILITY NAME	FACILITY ADDRESS	CITY	PERMANENT OR TEMPORARY
Compost (Yard Waste)	City of Gladwin Compost Site			
Drop-off (O)	Billings Township Yard Waste Drop Off			Permanent Drop-off
Drop-off (O)	City of Gladwin Compost Site			Permanent Drop-off
Drop-off (O)	D&M Pallet	3381 Lyle Road	Beaverton	Permanent Drop-off
End Market	East Jordan Plastics - Beaverton	4378 M-18	Beaverton	

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
Beaverton city	Ordinance	Mandated City Collection of Refuse
Butman township	Ordinance	Establishment of Fees for Mandated Refuse Collection
Butman township	Resolution	Establishment of Fees for Refuse, Recycling, and Yard Waste Collection
Gladwin city	Ordinance	Proper Disposal of Refuse, City Collection of Refuse
Secord township	Ordinance	Establishment of Fees for Mandated Refuse Collection
Secord township	Ordinance	Proper Disposal of Refuse within Township

MUNICIPAL FUNDING MECHANISMS

Municipality	Waste Collection	Recycling Collection	Organics Collection	Bulky Item Collection
Beaverton city	Municipal Utility/ Service Fees			
Butman township	Special Assessment	Special Assessment	Special Assessment	
Gladwin city	Municipal Utility/ Service Fees			
Hay township	Special Assessment			

COUNTY ORDINANCES

No county ordinances were 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)
Beaverton city	1,270	634	100	48	486
Beaverton township	2,000	842	0	76	765
Bentley township	917	386	0	35	351
Billings township	1,979	988	155	75	757
Bourret township	372	157	0	14	142
Buckeye township	1,302	548	0	50	498
Butman township	1,871	934	147	71	716
Clement township	953	401	0	36	365
Gladwin city	2,888	1,442	227	110	1,105
Gladwin township	1,064	448	0	41	407
Grim township	113	48	0	4	43
Grout township	2,388	1,005	0	91	914
Hay township	1,361	573	0	52	521
Sage township	2,338	984	0	89	895
Secord township	1,015	507	80	39	388
Sherman township	932	392	0	36	357
Tobacco township	2,549	1,073	0	97	975
TOTAL	25,312	11,362	709	964	9,685

COMMERCIAL WASTE PROJECTIONS

County	Approximate Number of Employees	Total Waste Generation (Tons)	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Gladwin	3,139	4,638	534	4,104

TOTAL WASTE GENERATED PROJECTIONS

County	Total Waste Generation (Tons) ¹	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Gladwin	16,000	2,207	13,789

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