

GRATIOT 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

No county run programs or services are available in Gratiot County.

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 60% 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.

RECYCLING

Most communities that have access to contracted curbside trash service also provide access to curbside recycling services, except Ashley Village. Materials accepted in these programs include paper, cardboard, colored glass bottles and jars, metal cans, and plastics bottles and tubs. A recycling drop-off is available to Sumner Township residents.

YARD WASTE

Common yard waste materials, such as brush and leaves, are collected curbside in many communities. Two communities, representing about 7% of the county's population, provide residents with access to organics drop-off services for these materials.

HOUSEHOLD HAZARDOUS WASTE

Mid-Michigan District Health Department provides sharps collection to the entire county. Select communities participate in MMWA Household Special Waste collection events, which accepts motor oil, anti-freeze, oil-based paint, lawn chemicals, household cleaners, fluorescent bulbs, and aerosol cans. The cities of Alma and St. Louis also host an annual household hazardous waste collection program. The cities' program accepts automotive fluids, anti-freeze, tires, alkaline batteries, car batteries, paints, lawn chemicals, household cleaners, pharmaceuticals, sharps, and fuel tanks.

OTHER

North Star Township hosts an annual Spring Clean Up for residents only to collect residential waste and bulky items such as appliances.

LIST OF ACTIVE HAULERS

- Granger Waste Services
- Green for Life (GFL) Environmental USA
- Municipal
- Republic Services Inc.

CURBSIDE SERVICES BY COMMUNITY

MUNICIPALITY NAME	TRASH COLLECTOR	RECYCLING COLLECTOR	YARD WASTE COLLECTOR	OTHER CURBSIDE SERVICES
Alma city	Republic Services Inc.	Republic Services	Republic Services Inc.	
Arcada township				
Ashley village	Republic Services Inc.			
Bethany township	Mid-Michigan Waste Authority	Mid-Michigan Waste Authority		
Breckenridge village	Mid-Michigan Waste Authority	Mid-Michigan Waste Authority		
Emerson township				
Hamilton township				
Ithaca city	Granger Waste Services	Granger Waste Services	Granger Waste Services	
Lafayette township				
New Haven township				
Newark township				
North Shade township				
North Star township				
Perrinton village				
Pine River township				
Elba township				
Fulton township				
Wheeler township	Mid-Michigan Waste Authority	Mid-Michigan Waste Authority		
Seville township				

St. Louis city	Republic Services Inc.	Republic Services Inc.	St. Louis Public Works	
Sumner township				
Washington township	Green for Life (GFL) Environmental USA	Green for Life (GFL) Environmental USA	Green for Life (GFL) Environmental USA	

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
Alma city				Mid-Michigan District Health Department	City of Alma/City of St Louis Annual HHW Collection Program
Arcada township				Mid-Michigan District Health Department	
Ashley village				Mid-Michigan District Health Department	
Bethany township				Mid-Michigan District Health Department	MMWA Household Special Waste
Breckenridge village			Breckenridge Village Dump	Mid-Michigan District Health Department	MMWA Household Special Waste
Emerson township				Mid-Michigan District Health Department	
Hamilton township				Mid-Michigan District Health Department	
Ithaca city			Ithaca City Yard Waste and Brush Drop-Off Site	Mid-Michigan District Health Department	
Lafayette township				Mid-Michigan District Health Department	
New Haven township				Mid-Michigan District Health Department	

Newark township				Mid-Michigan District Health Department	
North Shade township				Mid-Michigan District Health Department	
North Star township				Mid-Michigan District Health Department	
Perrinton village				Mid-Michigan District Health Department	
Pine River township				Mid-Michigan District Health Department	
Elba township				Mid-Michigan District Health Department	
Fulton township				Mid-Michigan District Health Department	
Wheeler township				Mid-Michigan District Health Department	MMWA Household Special Waste
Seville township				Mid-Michigan District Health Department	
St. Louis city				Mid-Michigan District Health Department	City of Alma/City of St Louis Annual HHW Collection Program
Sumner township		Sumner Township Recycle Barn		Mid-Michigan District Health Department	
Washington township				Mid-Michigan District Health Department	

FACILITIES

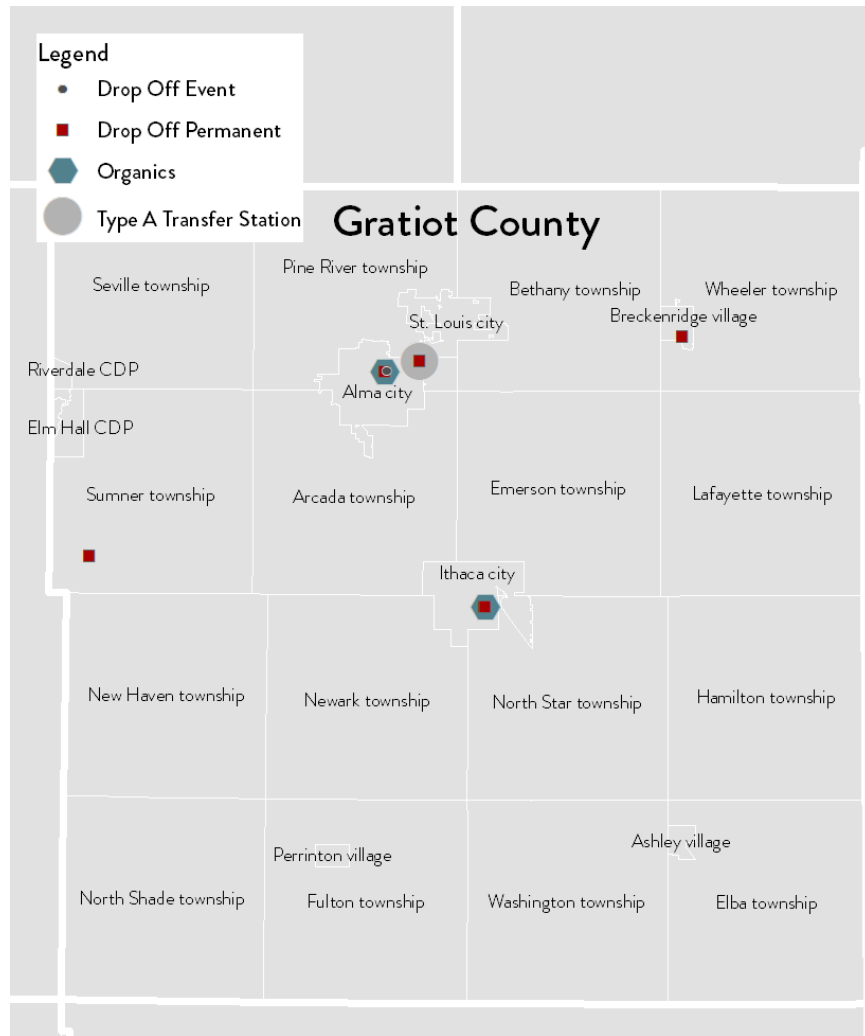
MATERIALS MANAGEMENT FACILITIES IN COUNTY

FACILITY SUMMARY TABLE

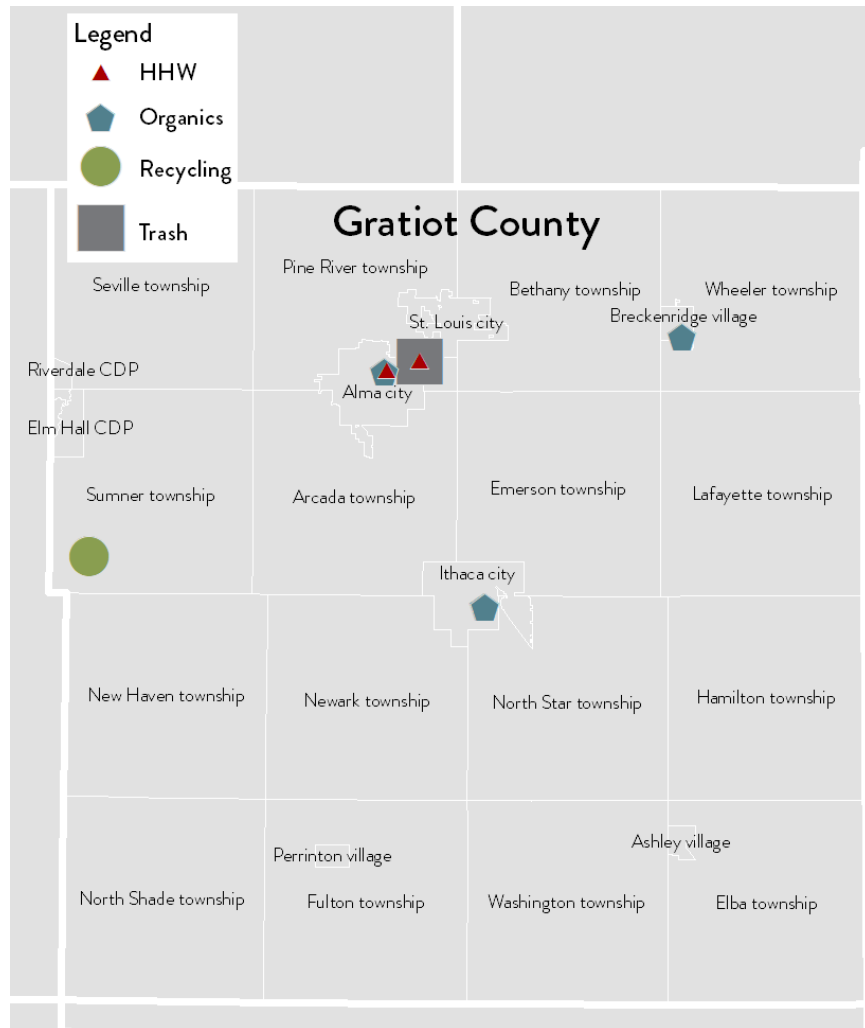
FACILITY TYPE	FACILITY NAME	FACILITY ADDRESS	CITY	PERMANENT OR TEMPORARY
Compost (Yard Waste)	City of Alma	909 WASHINGTON AVE	Alma	
Compost (Yard Waste)	City of Ithica Yard Waste and Brush Drop-off site			
Drop-off (O)	Breckenridge Village Dump			Permanent Drop-off
Drop-off (O)	City of Alma Compost Pile	909 WASHINGTON AVE	Alma	Permanent Drop-off
Drop-off (WDC)	City of Alma/City of St. Louis Annual HHW Collection Program	800 Washington Street	Alma	Temporary Drop-off
Drop-off (O)	City of Ithica Yard Waste and Brush Drop-off site			Permanent Drop-off
Drop-off (WDC, B, C&D)	Granger Disposal Center of Alma	2355 Michigan Ave	Alma	Permanent Drop-off
Drop-off (T)	Sumner Township Recycle Barn	10820 Pine St	Sumner	Permanent Drop-off
Transfer Station – Type A	Granger Disposal Center of Alma	2355 Michigan Ave	Alma	
End Market	Aludyne - Alma Operations	250 Adams St	Alma	

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
Alma City	Ordinance	Collection and disposition of refuse, container specifications, establishment of fees
Ithaca City	Ordinance	Regulation of indoor burning, prohibition of leave burning during select months, exceptions
Ithaca City	Ordinance	Collection and disposition of refuse, refuse container specifications, prohibition of dumping and littering, establishment of fees; Bag for Waste; Bin for Recycling; Recycling Container Location;
St. Louis City	Ordinance	Collection and disposition of refuse, container specifications, prohibition of littering, establishment of fees; Recycling Container Location; Container Size
Washington Township	Ordinance	Recycling Container Location

MUNICIPAL FUNDING MECHANISMS

Municipality	Waste Collection	Recycling Collection	Organics Collection	Bulky Item Collection
St. Louis city	Municipal Utility/Service Fees		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, however Mid-Michigan Waste Authority tracks data for its member communities.

RESIDENTIAL WASTE PROJECTIONS

Municipality	Population	Total Waste Generation (Tons) ¹	Total Recyclable Diversion (Tons)	Total Organics Diversion (Tons)	Total Requiring Disposal (Tons)
Alma city	8,918	4,237	485	340	3,412
Arcada township	1,691	712	0	64	647
Ashley village	505	212	0	19	193
Bethany township	1,117	558	88	43	427
Breckenridge village	1,428	713	112	54	546
Elba township	726	305	0	28	278
Elm Hall CDP	165	69	0	6	63
Emerson township	791	333	0	30	303
Fulton township	1,939	816	0	74	742
Hamilton township	401	169	0	15	153
Ithaca city	2,864	1,430	225	109	1,096
Lafayette township	554	233	0	21	212
New Haven township	790	332	0	30	302
Newark township	1,079	454	0	41	413
North Shade township	682	287	0	26	261
North Star township	826	348	0	31	316
Perrinton village	468	197	0	18	179
Pine River township	2,788	1,173	0	106	1,067
Riverdale CDP	251	106	0	10	96
Riverdale CDP	45	19	0	2	17
Seville township	1,611	678	0	61	616
St. Louis city	7,156	3,573	562	273	2,738
Sumner township	1,660	698	0	63	635
Washington township	992	495	78	38	380
Wheeler township	1,245	622	98	47	476
TOTAL	40,692	18,769	1,648	1,549	15,568

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)
Gratiot	8,988	11,982	1,530	10,453

TOTAL WASTE GENERATED PROJECTIONS

County	Total Waste Generation (Tons) <small>Error!</small> <small>Bookmark not defined.</small>	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Gratiot	30,752	4,728	26,023