

IRON COUNTY

PROFILE | SEPTEMBER 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 available in Iron 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.

TRASH

Seven communities provide their residents with 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. There is a Waste Management Transfer Station in Crystal Falls Township that accepts dropped-off residential waste.

RECYCLING

Crystal Falls City contracts with Waste Management to provide its residents with curbside recycling collection services. Crystal Falls Township provides its residents with drop-off recycling services through bins located at the community's Department of Public Works. Residential recycling can also be dropped off at the Waste Management transfer station in the county.

YARD WASTE

Common yard waste materials, such as brush and leaves, can be collected curbside in Iron River City through their contracted hauler, Great American Disposal (now GFL). Alpha Village and Crystal Falls Township provide their residents with drop-off yard waste collection sites.

HOUSEHOLD HAZARDOUS WASTE

No information obtained about Household Hazardous Waste programs.

OTHER

No information obtained about Other programs.

LIST OF ACTIVE HAULERS

- Green For Life (GFL)
- Waste Management
- Mansfield Township Public Works Trash Collection
- Crystal Falls Township Public Works

CURBSIDE SERVICES BY COMMUNITY

MUNICIPALITY NAME	TRASH COLLECTOR	RECYCLING COLLECTOR	YARD WASTE COLLECTOR	OTHER CURBSIDE SERVICES
Alpha village	Alpha Village			
Amasa CDP				
Bates township	Subscription: GFL			
Caspian city	GFL			
Crystal Falls city	Waste Management	Waste Management	City DPW Spring and Fall Clean-up	
Crystal Falls township	GFL			
Gaastra city	Subscription: GFL			
Iron River city	GFL		GFL	
Iron River township	Subscription: GFL or Waste Management			
Mansfield township	GFL			
Hematite township	Subscription: GFL			
Mastodon township	Subscription: GFL, Waste Management	Subscription: GFL, Waste Management		
Stambaugh township	GFL			

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
Alpha village			Alpha Village Private Dumpsite		
Amasa CDP					
Bates township					
Caspian city		GFL Drop-off at City Hall Parking Lot	City Collection of Yard Waste		
Crystal Falls city		Waste Management Transfer Station	City Department of Public Works		Spring and Fall Clean-up Days
Crystal Falls township	Crystal Falls Township Transfer Station (WM)	Crystal Falls Township Recycling Drop-off at DPW	Crystal Falls Township Organic Waste Site		Spring and Fall Clean-up
Gaastra city					
Iron River city					
Iron River township					
Mansfield township					
Hematite township					
Mastodon township	Mastodon Township Garbage Drop-off Voucher Program				
Stambaugh township					

FACILITIES

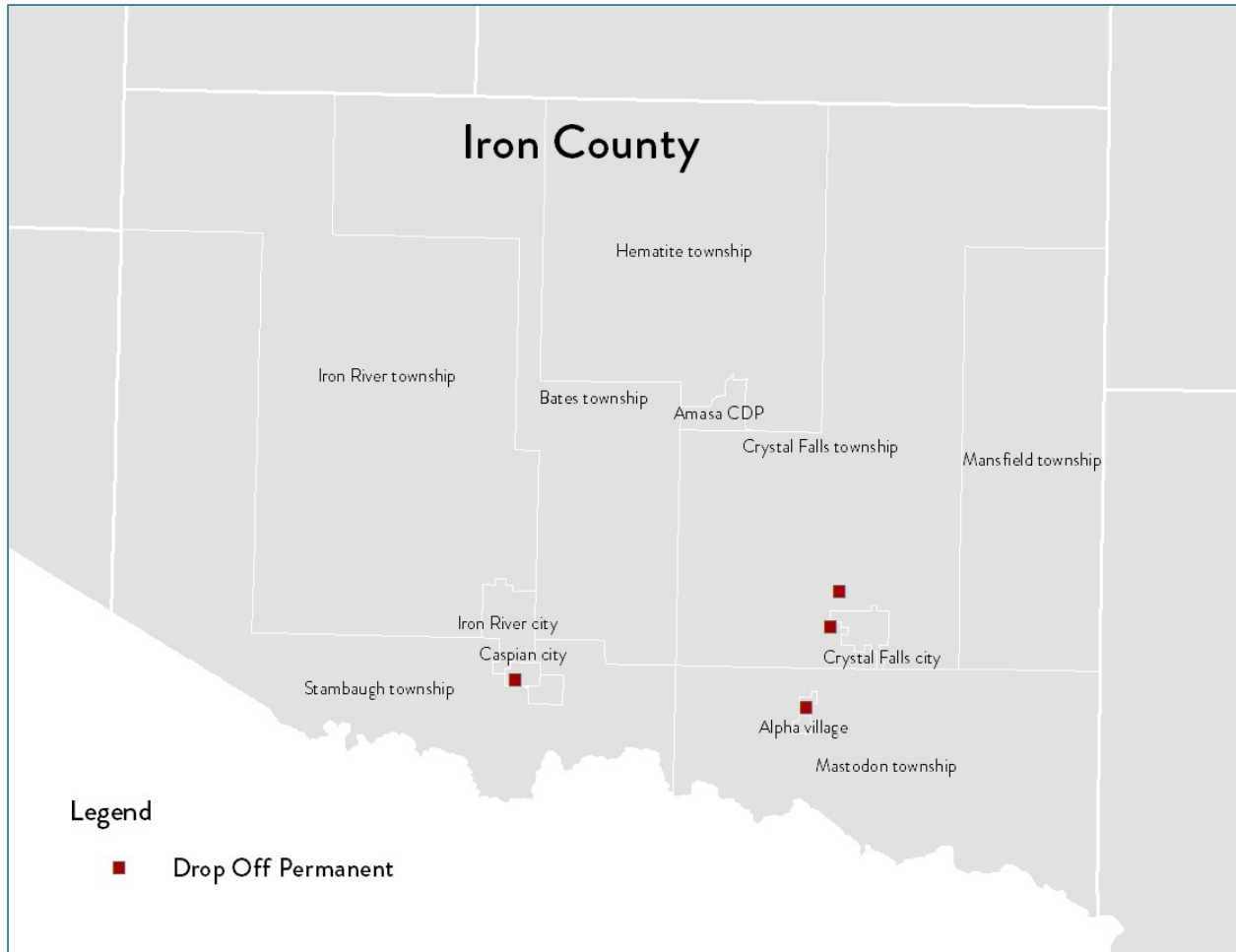
MATERIALS MANAGEMENT FACILITIES IN COUNTY

FACILITY SUMMARY TABLE

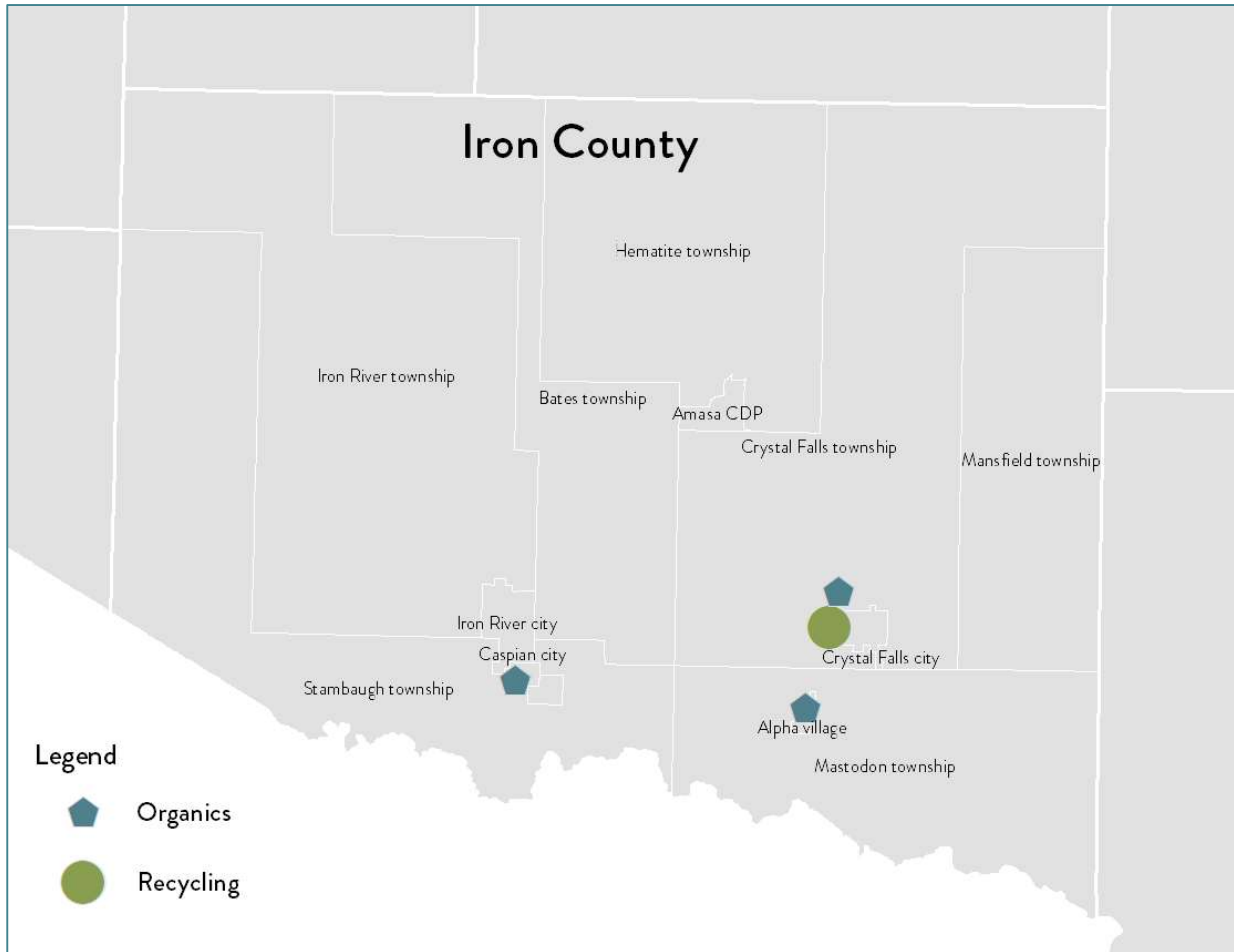
FACILITY TYPE	FACILITY NAME	FACILITY ADDRESS	CITY	PERMANENT OR TEMPORARY
Drop-off (O)	Crystal Falls Township Organic Waste Site			Permanent Drop-off
Drop-off (T)	Crystal Falls Township Recycling Drop Off	1384 W US 2	Crystal Falls	Permanent Drop-off
Drop-off (O)	Alpha Village Organic Waste Site		Alpha	Permanent Drop-off
Drop-off (O)	City of Caspian Organic Waste Site		Caspian	Permanent Drop-off

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

COMMUNITY ORDINANCES

Municipality	Policy type	Requirement
Bates Township	Ordinance	Anti-littering (#26)
Caspian City	Ordinance	Refuse, Refuse Containers, Collection and Rates
Crystal Falls City	Ordinance	Regulate Disposal of Solid Waste and Penalties
Gaastra City	Ordinance	Regulation of Refuse and Refuse Containers
Hematite Township	Ordinance	Blight (Ordinance 5.1) and Hazardous waste recovery (No. 200)
Iron River City	Ordinance	Regulation of Garbage Collection and Handling, Bag for Waste
Iron River Township	Ordinance	Burning of Garbage Ban; Anti-littering ban
Mansfield Township	Ordinance	Anti-littering ordinance

COMMUNITY FUNDING MECHANISMS

Municipality	Waste Collection	Recycling Collection	Organics Collection	Bulky Item Collection
Crystal Falls city	Municipal Utility/Service Fees	Municipal Utility/Service Fees		Municipal Utility/Service Fees
Alpha village	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)
Alpha village	192	81	0	7	73
Amasa CDP	242	102	0	9	93
Bates township	926	390	0	35	354
Caspian city	491	207	0	19	188
Crystal Falls city	1,626	773	88	62	622
Crystal Falls township	1,517	688	49	58	580
Gaastra city	330	139	0	13	126
Hematite township	14	6	0	1	5
Iron River city	2,831	1,191	0	108	1,083
Iron River township	1,116	470	0	43	427
Mansfield township	231	97	0	9	88
Mastodon township	498	226	16	19	191
Stambaugh township	1,085	457	0	41	415
TOTAL	11,099	4,827	153	424	4,245

COMMERCIAL WASTE PROJECTIONS

County	Approximate Number of Employees	Total Waste Generation (Tons)	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Iron	2,375	5,540	404	5,136

TOTAL WASTE GENERATED PROJECTIONS

County	Total Waste Generation (Tons) ^{Error!} Bookmark not defined.	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Iron	10,364	981	9,383

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