

# MISSAUKEE 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](mailto:alynott@recycle.com).

# ACCESS AND COLLECTION

## COUNTY PROGRAM OVERVIEW

Missaukee County provides trash, recycling, and household hazardous waste (HHW) services. The Missaukee County Recycling Center accepts residential trash and recycling, which includes paper, plastic, metals, glass, and electronics. The Missaukee County Recycling Center also hosts HHW collection events.

## 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

Three communities in Missaukee County provide their residents with access to contracted curbside collection of trash materials. 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. County residents can drop-off trash materials through the Missaukee County Recycling Center. Trash dropped-off at this facility must be in 30 gallon bags purchased from the county.

### RECYCLING

The same communities that provide curbside trash collection through contracted haulers also provide access to curbside recycling through the same haulers. All county residents can drop-off their recyclable materials through the Missaukee County Recycling Center, which accepts paper, cardboard, glass, mixed plastics, metal cans and foil.

### YARD WASTE

Only one community in Missaukee County provides its residents with access to contracted curbside collection for common yard waste materials, including leaves, grass clippings, and shrubs.

### HOUSEHOLD HAZARDOUS WASTE

Missaukee County Recycling Center hosts household hazardous waste (HHW) collection events for residents, which accepts automotive fluids, motor oil, tires, oil-based paint, lawn chemicals, household cleaners, electronics, tube televisions, single-use propane tanks, and aerosol cans.

### OTHER

No information obtained about Other programs.

## LIST OF ACTIVE HAULERS

- GFL Environmental

## CURBSIDE SERVICES BY COMMUNITY

MUNICIPALITY NAME	TRASH COLLECTOR	RECYCLING COLLECTOR	YARD WASTE COLLECTOR	OTHER CURBSIDE SERVICES
Aetna township				
Bloomfield township	GFL Environmental	GFL Environmental	GFL Environmental	
Butterfield township				
Clam Union township				
Enterprise township				
Forest township				
Holland township				
Jennings CDP (part)				
Jennings CDP (part)				
Lake City city	GFL Environmental	GFL Environmental		
McBain city	GFL Environmental	GFL Environmental		
Norwich township				
Pioneer township				
Reeder township				
Caldwell township				
Lake township				
Richland township				
Riverside township				
West Branch 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
Aetna township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Bloomfield township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Butterfield township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Clam Union township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Enterprise township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Forest township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Holland township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Jennings CDP (part)	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Jennings CDP (part)	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District

Lake City city	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
McBain city	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Norwich township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Pioneer township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Reeder township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Caldwell township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Lake township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Richland township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
Riverside township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District
West Branch township	Missaukee County Conservation District	Missaukee County Recycling Center			Missaukee County Conservation District

# FACILITIES

## MATERIALS MANAGEMENT FACILITIES IN COUNTY

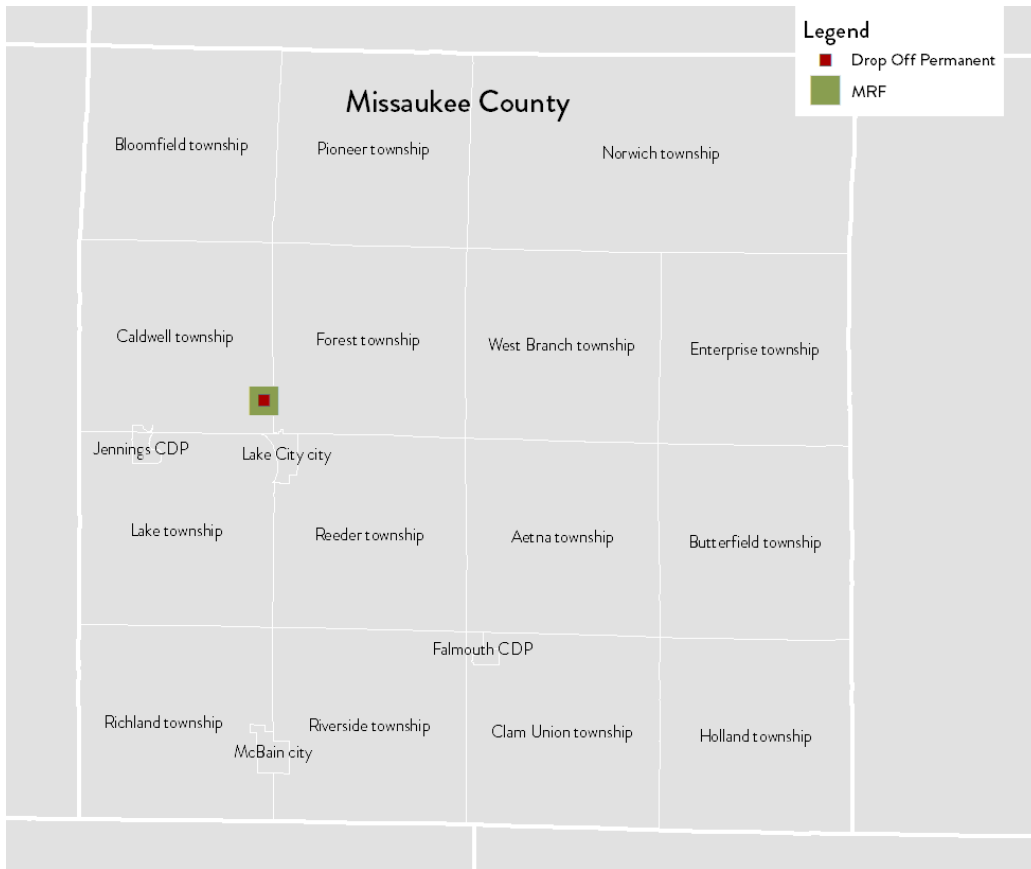
### FACILITY SUMMARY TABLE

FACILITY TYPE	FACILITY NAME	FACILITY ADDRESS	CITY	PERMANENT OR TEMPORARY
Drop-off (WDC, T, NT)	Missaukee County Recycling Center	6240 W. Sanborn Road	Lake City	Permanent Drop-off
MRF	Missaukee County Recycling Center	6240 W. Sanborn Road	Lake City	

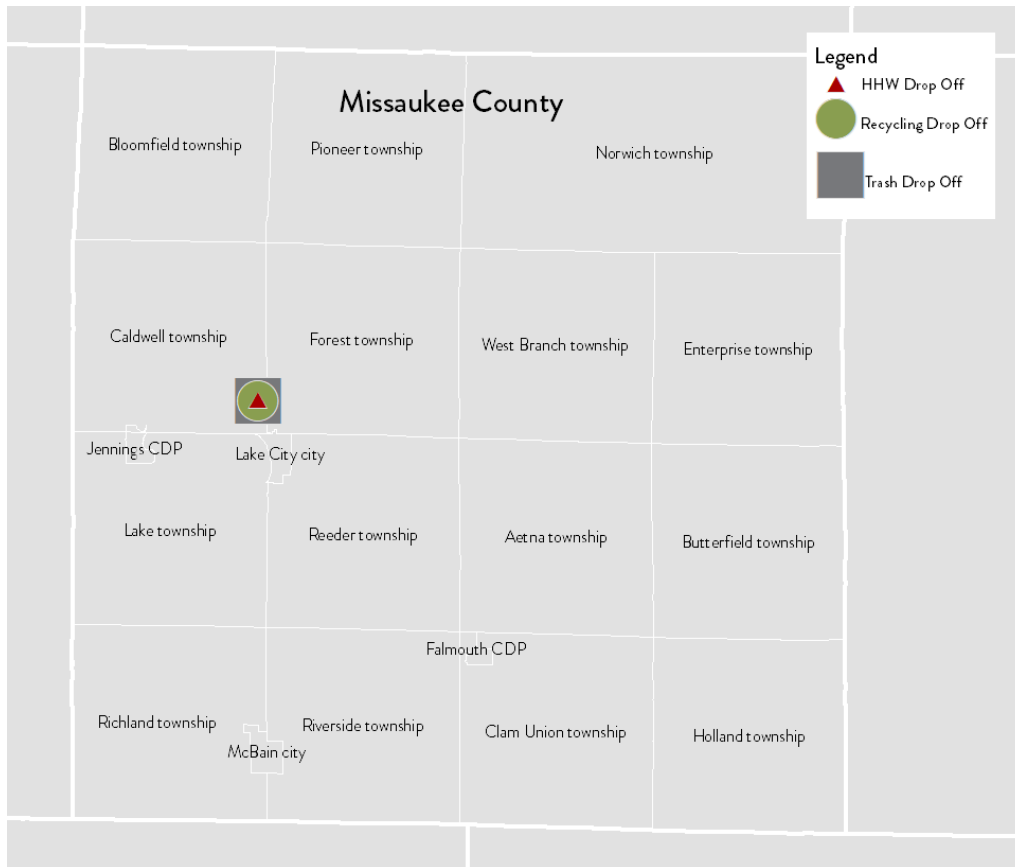
Drop-off Facility Types: B = Transfer Station Type B; C&D = Construction & Demolition; NT = Source-Separated Recycling Drop-off Non-Traditional; T = Source-Separated Recycling Traditional; O = Organics; WDC = Waste Diversion Center



# FACILITY SUMMARY MAP



## FACILITY BY MATERIAL TYPE



# POLICY

## MUNICIPAL ORDINANCES

No ordinances were obtained.

## MUNICIPAL FUNDING MECHANISMS

Municipality	Waste Collection	Recycling Collection	Organics Collection	Bulky Item Collection
Beaverton city	Hauler Collected Fees (by Municipality)			

## COUNTY ORDINANCES

No county ordinances obtained.

## COUNTY FUNDING MECHANISM

County	Type	Additional Information
Missaukee County	Millage	FY 21-29. Previous funding was provided through the sale of product.

# DATA

## REPORTED DATA

Missaukee County tracks data for the recycling program.

## RESIDENTIAL WASTE PROJECTIONS

Municipality	Population	Total Waste Generation (Tons) <sup>1</sup>	Total Recyclable Diversion (Tons)	Total Organics Diversion (Tons)	Total Requiring Disposal (Tons)
Aetna township	603	273	20	23	231
Bloomfield township	454	227	36	17	174
Butterfield township	464	210	15	18	178
Caldwell township	1,535	696	50	59	587
Clam Union township	628	285	20	24	240
Enterprise township	316	143	10	12	121
Falmouth CDP	194	82	0	7	74
Forest township	1,222	554	40	47	468
Holland township	185	84	6	7	71
Jennings CDP	253	115	8	10	97
Lake City city	729	364	57	28	279
Lake township	2,572	1,166	83	98	984
McBain city	724	362	57	28	277
Norwich township	608	276	20	23	233
Pioneer township	489	222	16	19	187
Reeder township	1,058	479	34	40	405
Richland township	1,702	771	55	65	651
Riverside township	918	416	30	35	351
West Branch township	421	191	14	16	161
<b>TOTAL</b>	<b>15,075</b>	<b>6,916</b>	<b>571</b>	<b>576</b>	<b>5,769</b>

## COMMERCIAL WASTE PROJECTIONS

County	Approximate Number of Employees	Total Waste Generation (Tons)	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Missaukee	1,737	7,278	296	6,982

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

## TOTAL WASTE GENERATED PROJECTIONS

County	Total Waste Generation (Tons) <small>Error!</small> <small>Bookmark not defined.</small>	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Missaukee	14,191	1,441	12,750