

# ST. CLAIR 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

St. Clair County owns and operates the Smith Creek Landfill, which is utilized by commercial and residential customers. The County also hosts a recycling and household hazardous waste drop-off center at the landfill.

## 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

About 73% of the 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. County residents can also drop-off trash collection through Smith Creek Landfill.

## RECYCLING

Most communities that provide residents with access to contracted curbside trash services also provide access to contracted recycling services. These haulers provide services to about 67% of the county's population and collect materials such as paper, cardboard, mixed plastics, tin and aluminum cans. County residents can also drop-off recyclables at Smith Creek Landfill. Recyclables collected through the drop-off programs are similar to those collected curbside.

## YARD WASTE

Common yard waste materials, including brush and leaves, can be collected curbside through contracted haulers for about 57% of the county's population. About 4% of the county's population can access curbside yard waste collection through municipal haulers. Clay Township also provides its residents with access to drop-off yard waste services through their recycling/compost yard.

## HOUSEHOLD HAZARDOUS WASTE

St. Clair Environmental Services Department provides county residents with access to their permanent Household Hazardous Waste Recycling Drop-off Center, which collects materials including anti-freeze, batteries, latex- and oil-based paints, lawn chemicals, household cleaners, refillable and single-use propane tanks, and aerosol cans.

## OTHER

The City of Algonac and Clay Township provide annual clean up days to their residents. The last collection events were held in June 2022.

## LIST OF ACTIVE HAULERS

- Emterra Environmental USA
- J & J Disposal
- Marcotte Disposal
- Waste Management
- Jeff's Rubbish Disposal
- Marysville City DPS
- Capac Village DPW

## CURBSIDE SERVICES BY COMMUNITY

MUNICIPALITY NAME	TRASH COLLECTOR	RECYCLING COLLECTOR	YARD WASTE COLLECTOR	OTHER CURBSIDE SERVICES
Algonac city	Emterra Environmental USA	Emterra Environmental USA	Emterra Environmental USA	
Berlin township	Subscription			
Brockway township				
Burtchville township				
Capac village	J & J Disposal		Capac Village DPW Yard Waste Pick Up	
Casco township				
China township	Emterra Environmental USA	Emterra Environmental USA		
Clyde township				
Columbus township	Marcotte Disposal Inc.			
Cottrellville township	Emterra Environmental USA	Emterra Environmental USA	Emterra Environmental USA	
East China township	Emterra Environmental USA	Emterra Environmental USA	Emterra Environmental USA	
Emmett village				
Fort Gratiot charter township	Marcotte Disposal Inc	Marcotte Disposal Inc	Marcotte Disposal Inc.	
Grant township	Marcotte Disposal Inc			
Greenwood township	Marcotte Disposal Inc			
Ira township	Emterra Environmental USA	Emterra Environmental USA	Emterra Environmental USA	
Kenockee township				
Kimball township				
Lynn township				

Marine City city	Emterra Environmental USA	Emterra Environmental USA	Emterra Environmental USA	
Marysville city	Emterra Environmental USA	Emterra Environmental USA	Marysville City DPS	
Memphis city (part)	Emterra Environmental USA	Emterra Environmental USA		
Pearl Beach CDP	Emterra Environmental USA	Emterra Environmental USA		
Port Huron charter township	Waste Management Inc.	Waste Management Inc.		
Port Huron city	Emterra Environmental USA	Emterra Environmental USA	Emterra Environmental USA	
Remainder of Clay township	Emterra Environmental USA	Emterra Environmental USA		
Remainder of Emmett township				
Remainder of Mussey township				
Richmond city (part)	Waste Management Inc.	Waste Management Inc.	Waste Management Inc.	
Riley township	Jeff's Rubbish Disposal Inc			
St. Clair city	Waste Management Inc.	Waste Management Inc.		
St. Clair township	Marcotte Disposal Inc	Marcotte Disposal Inc	Marcotte Disposal Inc.	
Wales township				
Yale city	Jeff's Rubbish Disposal Inc	Jeff's Rubbish Disposal Inc	Jeff's Rubbish Disposal Inc	

## 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
Algonac city	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	City of Algonac Annual Clean Up Day
Berlin township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Brockway township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Burtchville township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Capac village	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Casco township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
China township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Clyde township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Columbus township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Cottrellville township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
East China township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Emmett village	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Fort Gratiot charter township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Grant township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	

Greenwood township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Ira township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Kenockee township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Kimball township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Lynn township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Marine City city	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Marysville city	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Memphis city (part)	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Pearl Beach CDP	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Port Huron charter township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Port Huron city	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Remainder of Clay township	Smith Creek Landfill	Smith Creek Landfill	Clay Township Recycling/Compost Yard	St. Clair Environmental Services Department	Clay Township Annual Clean Up Day
Remainder of Emmett township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Remainder of Mussey township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Richmond city (part)	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Riley township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	



St. Clair city	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
St. Clair township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Wales township	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	
Yale city	Smith Creek Landfill	Smith Creek Landfill		St. Clair Environmental Services Department	

## FACILITIES

### MATERIALS MANAGEMENT FACILITIES IN COUNTY

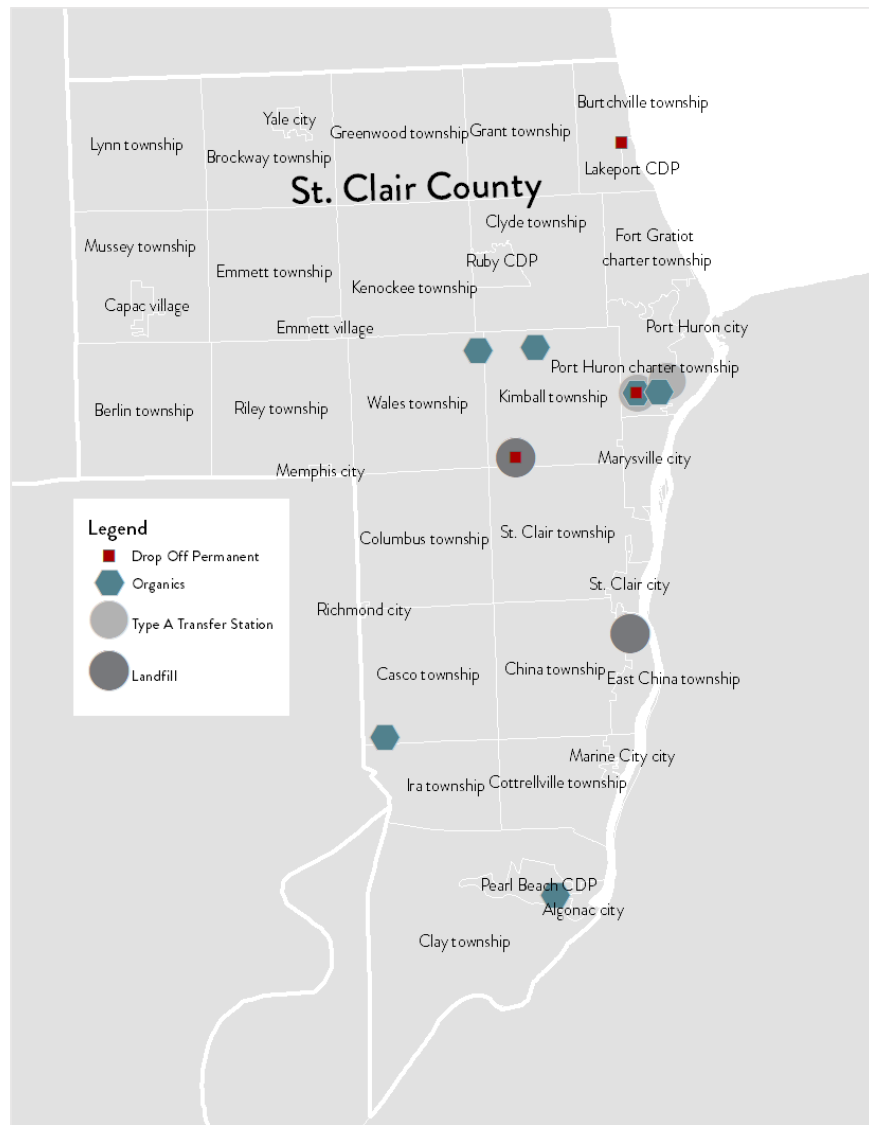
#### FACILITY SUMMARY TABLE

FACILITY TYPE	FACILITY NAME	FACILITY ADDRESS	CITY	PERMANENT OR TEMPORARY
<b>Compost</b>	3490 Fruit Road LLC	3490 Fruit Road	Algonac	
<b>Compost (Yard Waste)</b>	Indian Summer Recycling, Inc.	5877 BETHUY RD	Casco Township	
<b>Compost</b>	S A Torello - Dove Road	3413 Dove Road	Port Huron	
<b>Compost</b>	S A Torello - Flinchbaugh Road Pit	6236 Flinchbaugh Road	Smiths Creek	
<b>Compost (Yard Waste)</b>	Techni-Comp	4152 DOVE RD	Port Huron	
<b>Compost</b>	S A Torello - Eckles Road Pit	2583 Eckles Rd	Wales township	
<b>Drop-off (T)</b>	Burtchville Township Recycling Center	4000 Burtch Rd	Burtchville Township	Permanent Drop-off
<b>Drop-off (WDC, T, NT, C&amp;D)</b>	Smiths Creek Landfill	6779 Smiths Creek Road	Smiths Creek	Permanent Drop-off
<b>Drop-off (O)</b>	Techni-Comp Inc	4152 Dove Rd	Port Huron	Permanent Drop-off
<b>Transfer Station – Type A</b>	Emterra Environmental Usa Corp. Dba Port Huron Transfer Facility	4132 Dove Rd	Port Huron	
<b>Transfer Station – Type A</b>	Waste Management - Port Huron	3005 Petit St	Port Huron	

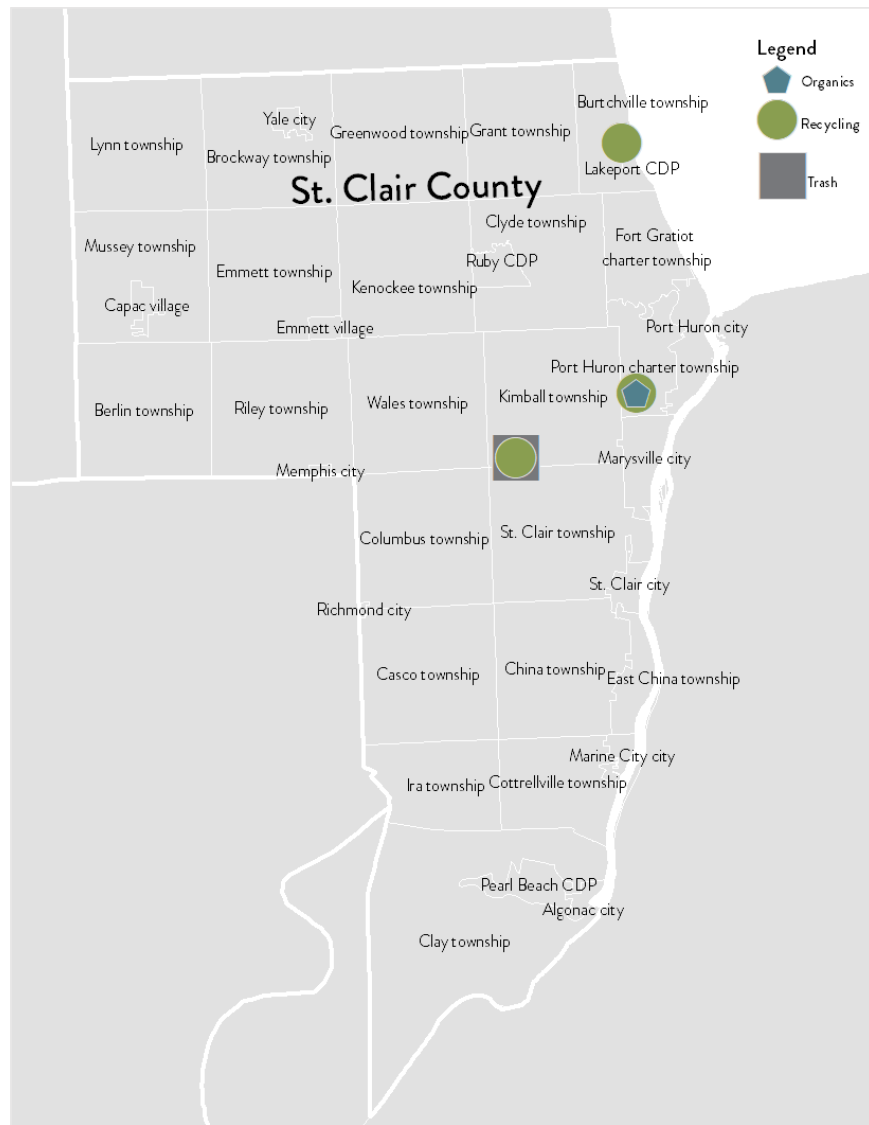
<b>Landfill</b>	Smiths Creek / St Clair Landfill	6779 Smiths Creek Rd	Smiths Creek	
<b>Landfill</b>	DTE Co Range Rd Ash Disposal	3600 Range Rd	Saint Clair	

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
China Township	Ordinance	Landfill design, construction, and operation, hazardous waste regulations and permitting, hauler regulations and licensure, commercial composting regulations, compost site specifications, records and reporting, compost facility for public use
Columbus Township	Ordinance	Landfill permitting, fees, referrals, bonds, insurance, performance standards, waste disposal and landfill requirements, restoration and inspection, violations, penalties
East China Township	Ordinance	Collection and disposal of waste, publication of waste rules, removal agreements, rates and charges, receptacles specifications, prohibition
Ira Township	Ordinance	Collection and disposal of waste, containment of refuse, rates and billing, selection of authorized waste hauler, insurance, indemnification, performance bond, enforcement
St. Clair City	Ordinance	Collection and disposal of waste, receptacle specifications, dumpster and screening requirements, organic waste specifications, prohibition of burning, burying or depositing waste on streets or vacant lots, prohibition of scavenging, enforcement and penalty
St Clair Township	Ordinance	Prohibition of outdoor and open burning unless specified in ordinance, open burning of organic material regulations, burning permits, liability, inspection, enforcement and penalties
Yale City	Ordinance	Collection and disposal of waste, receptacle specifications, charges, penalties, and payments, general waste practices, removal of construction waste, regulations of refuse littering and accumulation, special material collection, collection vehicle specifications, disposal at landfill or solid waste authority, refuse bin specifications, penalties

## MUNICIPAL FUNDING MECHANISMS

Municipality	Waste Collection	Recycling Collection	Organics Collection	Bulky Item Collection
Marysville city	Municipal Utility/ Service Fees			
Grant township	No funding	No funding	No funding	No funding
Gladwin city	Subscription			

## 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) <sup>1</sup>	Total Recyclable Diversion (Tons)	Total Organics Diversion (Tons)	Total Requiring Disposal (Tons)
Algonac city	4,057	2,026	319	155	1,552
Berlin township	3,205	1,453	104	122	1,226
Brockway township	1,999	906	65	76	765
Burtchville township	3,144	1,425	102	120	1,203
Capac village	1,858	842	60	71	711
Casco township	4,045	1,833	131	154	1,548
China township	3,452	1,724	271	132	1,321
Clay township	3,475	1,735	273	132	1,330
Clyde township	4,804	2,177	156	183	1,838
Columbus township	4,028	1,826	131	154	1,541
Cottrellville township	3,473	1,734	273	132	1,329
East China township	3,711	1,853	292	141	1,420
Emmett township	2,366	1,072	77	90	905
Emmett village	256	116	8	10	98
Fort Gratiot charter township	11,018	5,501	866	420	4,216
Grant township	1,597	724	52	61	611
Greenwood township	1,514	686	49	58	579
Ira township	5,089	2,541	400	194	1,947
Kenockee township	2,524	1,144	82	96	966
Kimball township	9,220	4,179	299	351	3,528
Lakeport CDP	784	330	0	30	300
Lynn township	976	442	32	37	373
Marine City city	4,083	2,039	321	156	1,562
Marysville city	9,695	4,841	762	370	3,710
Memphis city	309	154	24	12	118
Mussey township	2,245	1,017	73	86	859
Pearl Beach CDP	5,395	2,563	293	206	2,064
Port Huron charter township	10,358	5,172	814	395	3,963
Port Huron city	28,918	14,439	2,272	1,102	11,065
Richmond city	3	1	0	0	1
Riley township	3,270	1,482	106	125	1,251
Ruby CDP	630	265	0	24	241
St. Clair city	5,354	2,673	421	204	2,049
St. Clair township	6,937	3,464	545	264	2,654
Wales township	3,178	1,440	103	121	1,216

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

Yale city	2,216	1,106	174	84	848
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### COMMERCIAL WASTE PROJECTIONS

County	Approximate Number of Employees	Total Waste Generation (Tons)	Total Diversion (Tons)	Total Requiring Disposal (Tons)
St. Clair	38,645	80,189	6,577	73,612

### TOTAL WASTE GENERATED PROJECTIONS

County	Total Waste Generation (Tons) <small>Bookmark not defined.</small>	Total Diversion (Tons)	Total Requiring Disposal (Tons)
St. Clair	157,116	22,592	134,523